

**Head Unit for 2014+ Harley-Davidson® Touring Motorcycles
w/ iGo® GPS Navigation, Wireless Apple® CarPlay®, Wireless
Android Auto®, iDataLink® Maestro® Compatible,
SiriusXM® Ready®, & 8.3" LCD Touchscreen**



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Safety First

Safety Definitions

Statements in this manual preceded by following words are of special significance:

▲ WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

▲ WARNING

Set volume levels and other controls on audio and electronic devices before riding. Distractions can lead to loss of control, resulting in death or serious injury.

▲ WARNING

Do not select a volume level that blocks out traffic noise or interrupts the concentration necessary for the safe operation of the Motorcycle. Distractions or a volume level that blocks our traffic noise could cause loss of control resulting in death or severe injury.

Note

Pay attention while riding, keeping your eyes and clear mind on the road. Some features are locked out to prevent distraction, limited in capability while the Motorcycle is in motion. Even a part is available, don't allow it to distract you from operating your Motorcycle safely.

For safety, program the system when stopped. Perform system setup and get familiar with the controls and features of the infotainment system before operating the Motorcycle on the road. This system cannot warn about the safety of an area, bad road conditions, and availability of emergency services.

Use this radio only in locations where it is safe to do.

Pre-RIDING

Check list

Configure the system with your personal preferences before riding to use features and minimize distractions while on the road entirely.

1. Set brightness, background.
2. Configure global presets.
3. Adjust audio settings like EQ, volume, fade, balance etc. before ridding.
4. Pair, connect and set up phone features through Bluetooth.
5. Connect USB devices for Apple CarPlay® or Android Auto®.
6. Select station or media
7. Connect the iDataLink Maestro module for Motorcycle Info and Gauge information display.

CARE AND CLEANING

Use only **V2** recommended products and methods to keep the radio, speakers, and other audio system components clean and in good condition.

Do not use any abrasives, polishes, or rubbing compoundsto clean the screen or other components. Do not use any ammonia-based cleaners on the net.

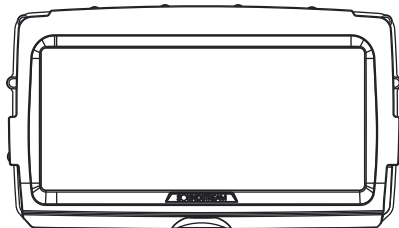
The use of other products or methods may cause damage to components.

Screen :

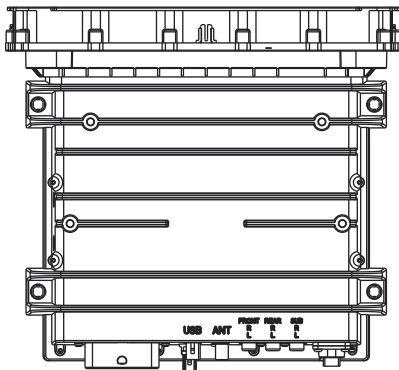
Do not use any chemical cleaners or chemical-containing wipes or cloths. These can cause damage to the screen surface.

Gently clean the display glasssurface with a clean, dry microfiber cloth. Before cleaning, it is suggested to remove any visible dust, dirt, sand particles with a gentle compressed airstream.

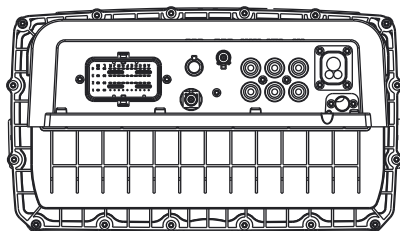
Appearance



Front

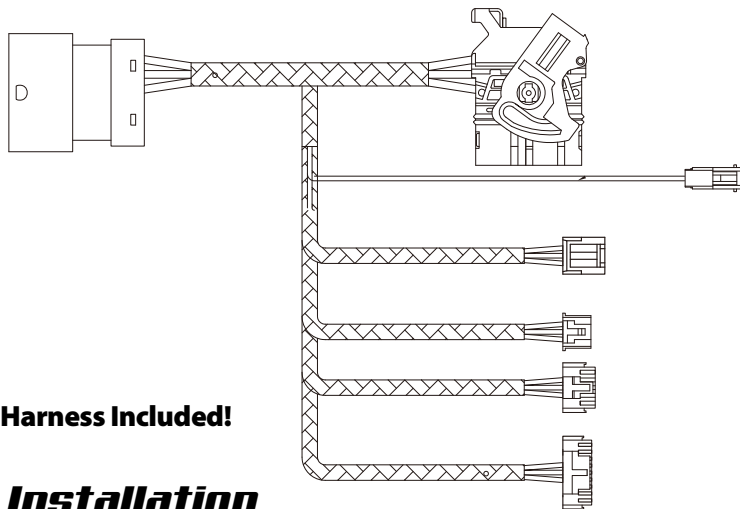


Top



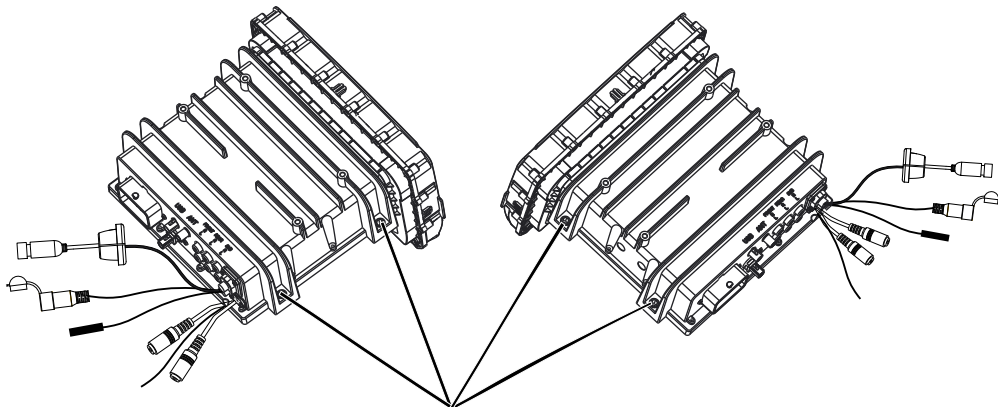
Back

Accessories and Installation



Harness Included!

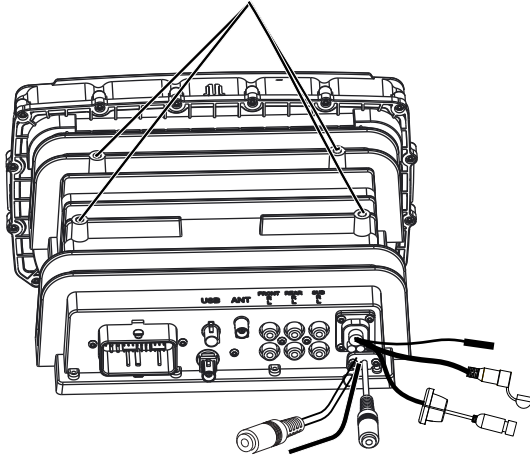
Installation



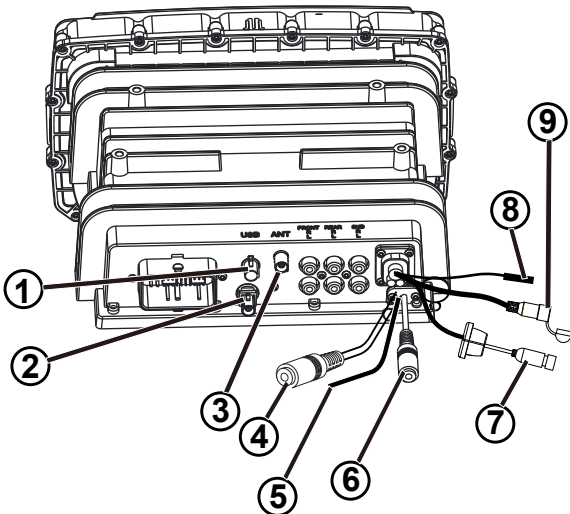
Use OEM head unit mounting locations & original screws

Installation

Note: Reinstall the OEM bracket after head unit installation



Installation

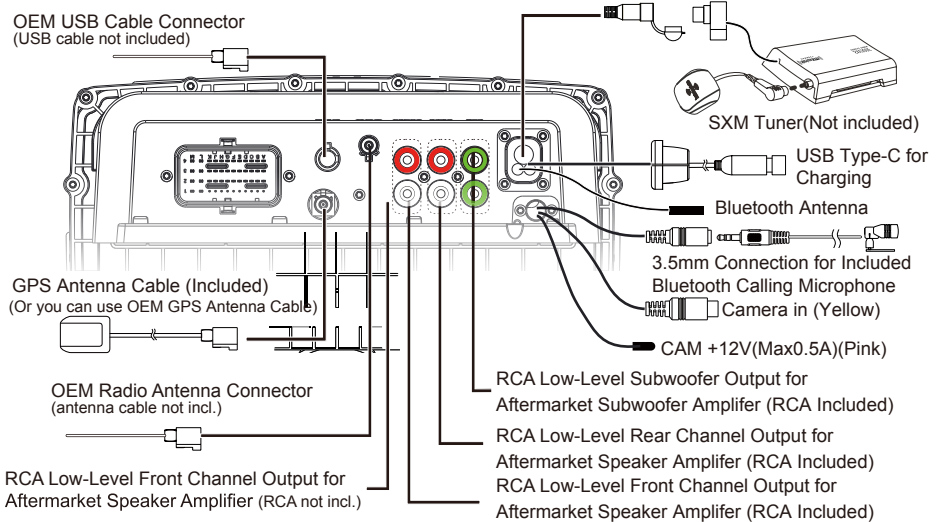


- 1 USB Connector**
Connect the OEM USB cable for USB device, Android smart phone, iPhone.
- 2 GPS Connector**
Connect the GPS Antenna.
- 3 Radio Connector**
Connect the Radio Antenna.
- 4 Camera in**
Connect the Camera in.
- 5 Camera +12 V DC (Max 0.5A)**
Connect the Camera power cable.
- 6 External Microphone Connector**
Connect the external Microphone cable.
- 7 Type-C USB Connector**
Connect the external device for charging.
- 8 Bluetooth Antenna**
Bluetooth Antenna for Rally mode.
- 9 SiriusXM Tuner Connector**
Connect the SXV300 tuner.

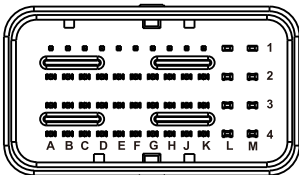
Note: SiriusXM SXV300 Tuner sold separately, SiriusXM subscription required.

Wiring

Connect the OEM GPS, USB and radio antenna cables disconnected during removal of the OEM head unit to matching SOCKETS on the back of V2. If all are difficult to connect, verify the orientation of the connector(s) is correct. If any aftermarket audio amplifiers will be used in the audio system, take a moment to connect the RCA cables to the corresponding audio outputs. Although not required, if the Bluetooth calling microphone will be used, secure it to the desired installation location, then route its cable to the corresponding input on the back of v2.



48 PIN CONNECTOR



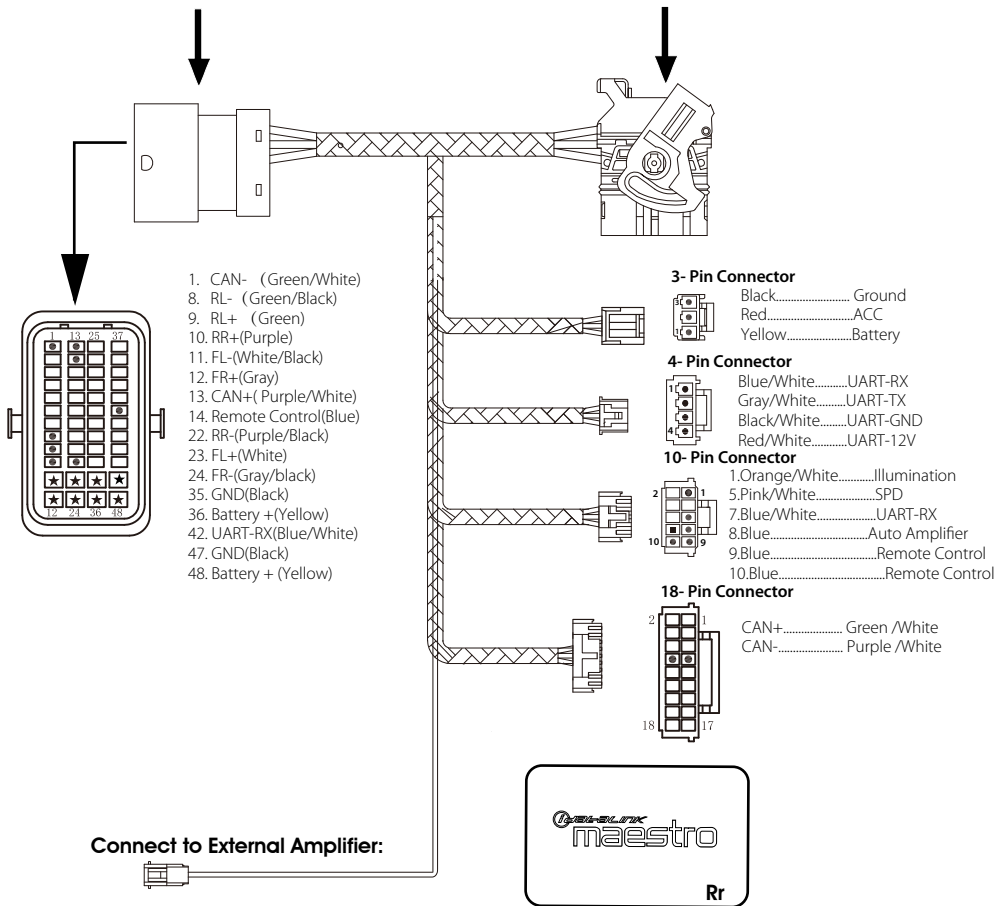
- E4. Pink/White.....UART-SPEED
- F4. Gray/White.....UART-TX
- G4. Blue/White.....UART-RX
- H1. Green/Black.....RL-
- H4. Red/White.....UART-12V
- J1. Green.....RL+
- J3. Orange/White...Illumination
- J4. Black/White.....UART-GND
- K1. Purple.....RR+
- K2. Purple/Black.....RR-
- K3. Blue.....ANT
- K4. Red.....ACC

- L1. White/Black.....FL-
- L2. White.....FL+
- L3. Black.....Ground
- L4. Black.....Ground
- M1.Gray.....FR+
- M2.Gray/Black.....FR-
- M3.Yellow.....Battery+
- M3.Yellow.....Battery+

Included Harness

Harness! Connect to Motorcycle:

Connect to V2 (Headunit):



Note: The Maestro Box is not included.

Main Menu

V2 is a headunit for 2014+ Harley-Davidson® Touring Motorcycles w/ iGo® GPS Navigation, Wireless Apple® CarPlay®, Wireless Android Auto®, iDataLink® Maestro® Compatible, SiriusXM® Ready®, & 8.3" LCD Touchscreen

Touch the corresponding Mode icon to enter playing mode. The Mode icon in gray means the corresponding function is not ready, or the proper device has not been connected.

Home Page:



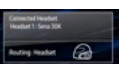
1. Display current riding speed.
2. Display the now playing source information.
3. Display headset connected information.

No connection



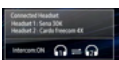
Press to start search the available headset to connect.

2) When connect 1 headset device



Press to select the media sound routing headset or motorcycle speaker.

3) When connect 2 headset devices



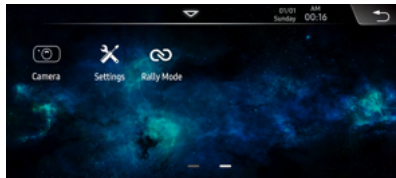
Press to select the intercom is On or Off.

4. Display the motorcycle base information.
5. Shortcut buttons. (These 7 shortcut can be exchanged with APPs page icon.)
6. Tap to enter APPs Page:

Page 1



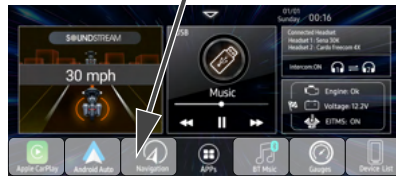
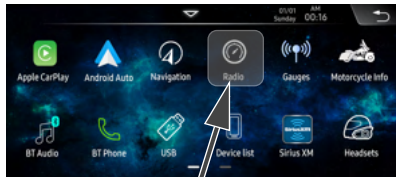
Page 2



How to move the APP icon to the home page :

Press and hold the prefer icon, and drag the icon to home page.

The home page bottom 6 shortcut icons will be activate . Select prefer icon to exchange.



Settings

Tap to activate pop-up settings menu:



1. Press to Mute or Un-Mute.
 2. Decrease / Increase now playing source volume.
 3. Press to select Daytime or Nighttime.
 4. Decrease / Increase the panel brightness.
 5. Press to access to Settings page.
 6. Press to swith the routing Headset or Speaker.
- Note: If the headset is not connected, the button will be gray color and disable.
7. Press to access the EQ settings page.
 8. Press to access to the Camera video in.
 9. Press to hide the Pop-up menu.

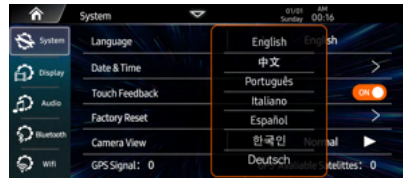
In APP's page 2, press <Setting> icon to access to settings page.

System settings as below: Language , Date & Time, Touch Feedback, Factory Reset, Camera View, GPS Signal, About.



Language:

Select the prefer language for operation.



Date & Time:

Set the time and time format.

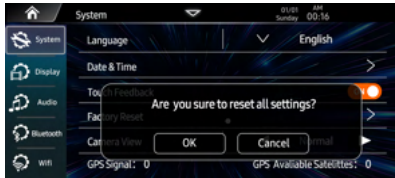


Touch Feedback:

Set the Key Beep is ON or OFF.

Factory Reset:

Reset Factory Data, press it to pop-up dialog box, you can select "OK" or "Cancel".



Camera View:

Set the Camera View is Normal or Reverse.

GPS Signal:

Once receive the GPS signal, will display the signal / satellite number.

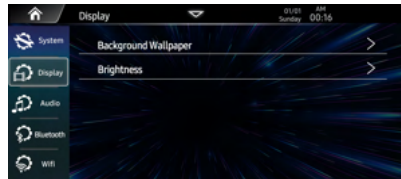
About:

Press to display the headunit software information, serial number.

And you can update the software via USB.



Display settings as below: Background wallpaper, Brightness.



Background Wallpaper:

Select the prefer preset wallpaer .



Or you can press "+" to custom wallpa[er from USB device.

Select a picture and touch "OK" to add the wallpaper.



Select another picture for replacing the current wallpaper.

Brightness:

Set the Day / Night time screen brightness.

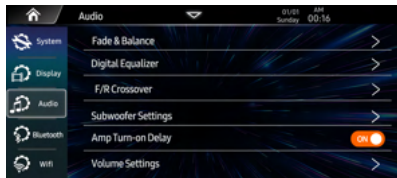


Night Mode Auto is ON status, you can set the Start / Exit time by manually.

Settings

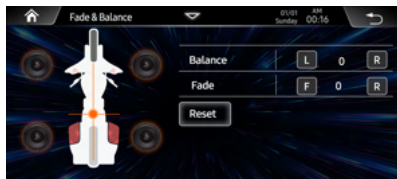
Audio Setting

Below shown is the Audio setting Menu.



Fade & Balance:

Select the prefer language for operation.



Touch the **(L)** or **(R)** of Balance/ Fade to tune for the driver and passenger preference.

The value of **Balance (Left 12 – Right 12)** and **Fader (Front 12 – Rear 12)**.

Touch Reset to set both **Balance** and **Fader** to **zero**.

15-Band Equalizer:

15-band of EQ tuning, slide the EQ bar to tune each band frequency level according to use preference.

Touch Reset button to set all Band to zero.



Or user can touch “**∨**” at the bottom to activate prefer EQ list, then select the prefer one.
3D Surround is On / Off.

About the Crossover

This unit is equipped with an active crossover. The crossover limits the frequencies delivered to the outputs.

The crossover adjusts the HPF (high pass filter) or LPF (low pass filter) of speakers and subwoofer, and also the slope (how fast the filter rolls off the highs or lows).

Adjustments should be made according to the reproduction characteristics of the speakers. Depending on the speakers, a passive network may not be necessary. If you are unsure about this point, please consult your authorized Alpine dealer.

- **HPF (high pass filter):** Cuts the lower frequencies and allows the higher frequencies to pass.
- **LPF (low pass filter):** Cuts the higher frequencies and allows the lower frequencies to pass.
- **Slope:** The level change (in dB) for a frequency change.
 - The higher the slope value, the steeper the slope becomes.
 - Do not use a tweeter without the HPF set on, with a high cut-off frequency, otherwise damage may occur to the speaker due to the low frequency content.
 - **Adjustment** should be made according to the recommended crossover frequency of the connected speakers. Determine the recommended crossover frequency of the speakers. Adjusting to a frequency range outside that recommended may cause damage to the speakers.

For the recommended crossover frequencies of speakers, refer to the respective Owner's Manual.

We are not responsible for damage or malfunction of speakers caused by using the crossover outside the recommended value.

Settings

Front/ Rear Crossover:



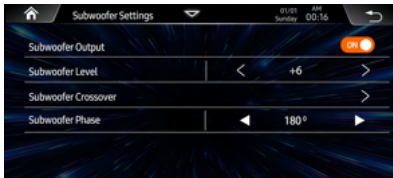
Slope: 12dB / 24dB

Set Font Crossover
Frequency & Slope.

Set Low Pass Crossover
Frequency & Slope.

User can touch "<" or ">" to select the desired frequency Value.

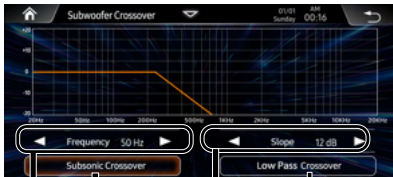
Subwoofer Settings:



Subwoofer Output: ON or OFF.

Subwoofer Level: -10~+10

Subwoofer Crossovers:



Set Low Pass Crossover
Frequency & Slope.

Slope: 12dB / 24dB

Set High Pass Crossover Frequency & Slope.

User can touch "<" or ">" to select the desired frequency Value.

Subwoofer Phase: 0° or 180°

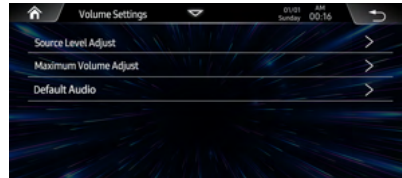
User can touch "<" or ">" to select the 0° or 180°

AMP Turn-on Delay: ON/OFF.

User can set AMP Turn-on Delay is ON or OFF.

Volume Settings:

User can set Source Level / Maximum Volume / Default Audio.

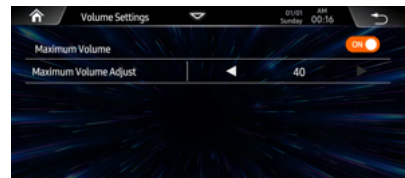


Source Level Adjust.



User can adjust the source mode (Radio, USB, BT Audio, Apple CarPlay, Android Auto, SiriusXM) gain value. The gain can be adjusted from -5~+5 seperately.

Maximum Volume Adjust.



Maximum Volume Level : ON or OFF.

Maximum Level Adjust: 0~40

Settings

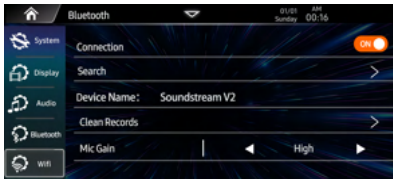
Default Audio.



User can adjust the default audio (Main, BT Talking, Navi , Voice,) gain value. The gain can be adjusted from 0~40 seperately.

Bluetooth Settings :

Touch the Bluetooth Settings from the setting menu will be shown below:



Connection : On/Off (Select Bluetooth connection is On or Off).

Search: To start the paring.

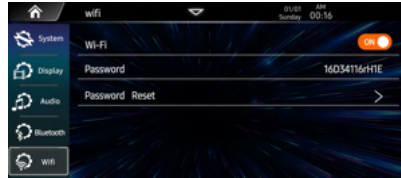
Device Name : Shown the connected phone or device name.

Clear Records: To clear the device list records.

Mic Gain : Set the Mic Gain (High / Mid / Low).

Wifi Settings:

Touch the Wifi Settings from the setting menu will be shown as below:



Wi-Fi : On/Off (Select WIFI connection is On or Off).

Password : Shown the device wifi password.

Password Reset: To reset the password.

Apple CarPlay® & Android Auto®

Apple CarPlay :

You can operate iPhone applications with finger gestures such as tapping, dragging, scrolling, or flicking on the screen of this product.


Compatible iPhone models

For details about compatibility of iPhone models, refer to the following website.
<https://www.apple.com/ios/carplay>

WARNING

Certain uses of the iPhone may not be legal while driving in your jurisdiction, so you must be aware of and obey any such restrictions. If in doubt as to a particular function, only perform it while the car is parked. No feature should be used unless it is safe to do so under the driving conditions you are experiencing.

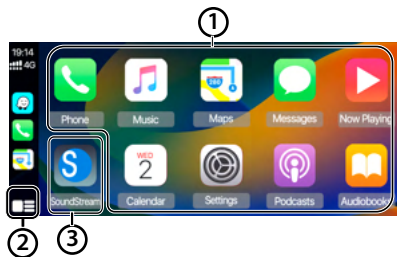
Notes on using Apple CarPlay

- iPhone with iOS 7.1 or later is required. Update to the latest iOS version before use.
 - Apple CarPlay can be used on iPhone 5 or later.
 - For details on compatible models, refer to the compatibility list on the support site on the back cover.
 - For details about Apple CarPlay, refer to the manual supplied with your iPhone, or visit the website of Apple CarPlay.
 - Since the GPS on your iPhone is used, place your iPhone where it can easily receive a GPS signal
-
- You can use Siri function by touching  button once Apple CarPlay is activated
 - The Bluetooth connection with the Apple CarPlay compatible device will be terminated automatically if Apple CarPlay is turned on.
 - Hands-free phoning via Bluetooth wireless technology is not available while Apple CarPlay is on.

Starting procedure of using Apple CarPlay

- 1 Connect an Apple CarPlay compatible device to this unit via USB.
- 2 Touch the Apple CarPlay icon.
The Apple CarPlay home screen appears.

You can use Apps of connected iPhone. The items displayed and the language used on the screen differ among the connected devices. To enter the Apple CarPlay mode, touch Apple CarPlay icon on the Home selection screen.



① Application keys

Start the application.

②

Display the home screen of Apple CarPlay. Touch and hold to active Siri.

③ Home

Exit the Apple CarPlay screen and displays Home screen.

* The icon design may change depending on the iOS version.

Apple CarPlay® & Android Auto®

How to connect Wireless Apple CarPlay

Starting procedure of using Wirelessly Apple CarPlay

Before using Apple CarPlay wirelessly, turn on the Bluetooth function on the iPhone.

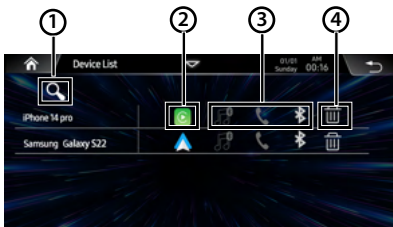


1 On the Main menu tap the Device Link icon access to Device Link interface.

Show below pop-up menu, tap **YES** start to search the available devices.



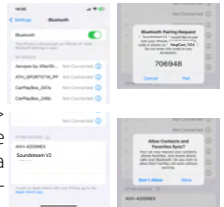
2. When the headunit detect the available device, follow the pop-up notice step by step to connect the iPhone. After connected, will show below page:



1. Tap to start to search new device.
2. Tap to access Apple CarPlay interface.
3. Tap to access Bluetooth interface.
4. Tap to delete current device.

The user also can use the iPhone search the device via Bluetooth , then follow the pop notice step by step to connect

1. Turn on your iPhone's Bluetooth and Wi-Fi, and connect to Soundstream V2.



a. Go to Settings > Bluetooth and the phone should be able to find a Bluetooth Device(Soundstream V2) .

b. A Bluetooth Pairing Request will be displayed on the screen with a specific code which should match what is shown on. Tag "Pair" for connecting.

c. Immediately following the Pairing notification, a new request to "Allow Contacts and favorites Sync" on your iPhone, Allow in order to have caller ID and access to your contacts through CarPlay.

Note: Following the BT connection, there is no need to try and connect WIFI manually (although it does need to be ON), after the BT connection process is complete, the WIFI will connect automatically on its own.

3.Wait for a moment for CarPlay connection, click use CarPlay and enter the UI interface.

4. iPhone will pop-up prompts, click "Use CarPlay".

Android Auto®:

You can operate Android applications with finger gestures such as tapping, dragging, scrolling, or flicking on the screen of this product

Starting procedure of using Android Auto


1 Connect an Android Auto™ compatible device to this unit via USB.

2 Touch the Android Auto icon.

The Android Auto home screen appears

Apple CarPlay® & Android Auto®

Note:

- You can use Voice function by touching  button once Android Auto is activated.
- The Bluetooth connection with the Android Auto compatible device will be terminated automatically if Android Auto is turned on.
- Hands-free phoning via Bluetooth wireless technology is not available while Android Auto is on.

Notes on using Android Auto

- Android phone with Android 5.0 or higher is required. Update to the latest OS version before use.
- Your Android phone needs to support Android Auto. For details on compatible models, refer to the compatibility list on the support site on the back cover.
- Download the Android Auto app on Google Play.
- For details about Android Auto, refer to the manual supplied with your Android phone, or visit
- Since the GPS on your Android phone is used, place your Android phone where it can easily receive a GPS signal.
- Android Auto may not be available in your country or region. the website of Android Auto.



① Application keys

Start the application.

② Home

Exit the Android Auto screen and displays Home screen.


③ Operation Bar

Starts the application or displays information.

How to connect Wireless Android Auto

Starting procedure of using Wirelessly Android Auto



1 On the Main menu tap the  icon access to Device Link interface.

Show below pop-up menu, tap **YES** start to search the available devices.



2. When the headunit detect the available device, follow the pop-up notice step by step to connect the iPhone. After connected, will show below page:



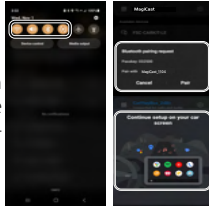
1. Tap to start to search new device.
2. Tap to access Android Auto interface.
3. Tap to access Bluetooth interface.
4. Tap to delete current device.

Apple CarPlay® & Android Auto®

The user also can use the Android Smartphone search the device via Bluetooth , then follow the pop notice step by step to connect wireless Android Auto.

1. Turn on your phone's Bluetooth and Wi-Fi, and connect to Soundstream V2.

a. Go to Settings > Bluetooth and the phone should be able to find a Bluetooth Device(-Soundstream V2) .



b. A Bluetooth Pairing Request will be displayed on the screen with a specific code which should match what is shown on. Tag "Pair" for connecting.

c. Immediately following the Pairing notification, a new request to "Allow Contacts and favorites Sync" on your Android smartphone, Allow in order to have caller ID and access to your contacts through Android Auto.

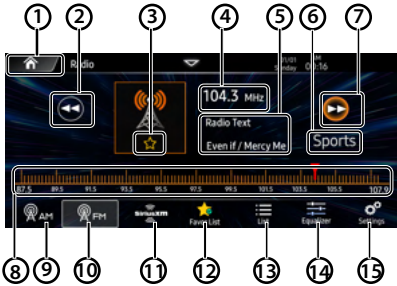
Note: Following the BT connection, there is no need to try and connect WIFI manually (although it does need to be ON), after the BT connection process is complete, the WIFI will connect automatically on its own.

3.Wait for a moment for Android Auto connection, click use Android Auto and enter the UI interface.

4. Android Phone will pop-up prompts, click "Use Android Auto".

Radio

Touch **"Radio"** in the main menu to enter the radio interface.



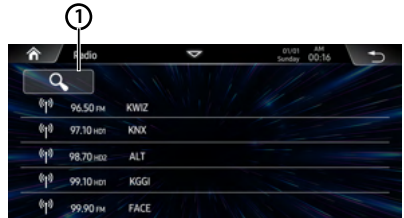
1. Tap to back to home page.
2. Short press to seek down, Long press to step down.
3. Tap to store current station as one favorite station.
4. Show current station frequency information.
5. Show current station Radio Text.
6. Show current station Radio Text.
7. Short press to seek up, long press to step up.
8. Frequency scroll bar, user can choose desired frequency manually.
9. AM button.
10. FM button.
11. SiriusXM Button
12. Favorite list button.
13. Station list button.
14. EQ Button.
15. Settings Button.

Favorite station list



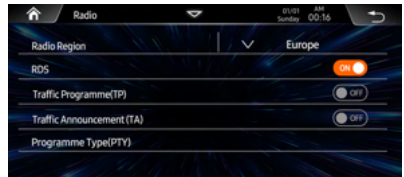
1. Favorite list (Global preset), user can store favorite AM/FM/SiriusXM station, then select it for playback directly. Once tap one station, will back to playback page.
2. Tap to show previous list page.
3. Tap to show next list page.

Search station list



1. Tap to start to search available station, press one station and back to radio playback page.

Radio settings:



Radio Region: Select desired radio region. e.g: America, Europe...

RDS: Select RDS is ON/OFF.

TP: Select TP is ON/OFF.

TA: Select TA is ON/OFF.

PTY: Tap to access PTY information page.

SIRIUSXM® SATELLITE RADIO

Only SiriusXM-Ready® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music, plus the best sports and live events, comedy, news, exclusive talk, and entertainment. Welcome to the world of satellite radio. A SiriusXM vehicle tuner and subscription are required. (Sold separately, SiriusXM subscription required).

For more information, visit

www.siriusxm.com.

(SiriusXM service is only available in the continental US and Canada.)

Activating Your SiriusXM Subscription

After installing your SiriusXM Connect Vehicle Tuner and antenna, power on your Soundstream V2 and select SiriusXM mode. You should be able to hear the SiriusXM preview channel on Channel 1. If you cannot hear the preview channel, please check the installation instructions to make sure your SiriusXM Connect tuner is properly installed.

After you can hear the preview channel, tune to Channel 0 to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Vehicle Tuner and its packaging. You will need this number to activate your subscription. Write the number down for reference.

Note: the SiriusXM Radio ID does not include the letters I, O, S or F.

In the **USA**, you can activate online or by calling SiriusXM Listener care:

-Visit www.siriusxm.com/activatenow

-Call SiriusXM Listener Care at

1-866-635-2349

For Canadian Subscriptions, please contact:

-Visit www.siriusxm.ca/activate

-Call SiriusXM Customer Care at 1-888-539-7474

As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display "Subscription Updated". Once subscribed,

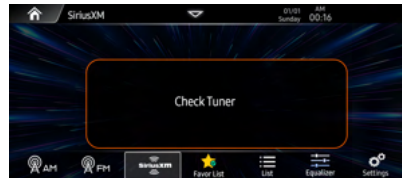
you can tune to channels in your subscription plan.

Note: The activation process usually takes 10 to 15 minutes, but may take up to an hour. Your radio will need to be powered on and receiving the SiriusXM signal to receive the activation message.

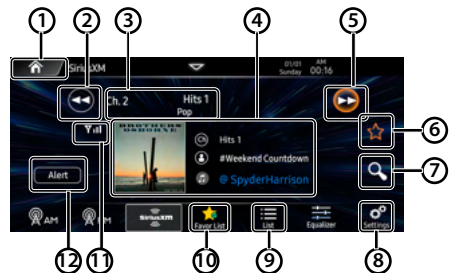
Some SiriusXM channels contain mature content. When the Parental Controls feature is enabled, channels with mature content are restricted and will require a 4-digit lock code to access.

To enter **SiriusXM Mode**, touch the SXM icon on the Main Menu.

If the screen is shown **"Check Tuner"** as below, check the SiriusXM tuner connection.



Touch **"SiriusXM"** in the main menu to enter the SXM interface.




Radio ID:

Press **channel 0** to display the Radio ID.

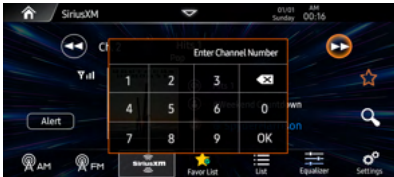
You can use channel up/down or direct tune.

1. Tap to back to home page.
2. Tap to playback previous channel
3. Show current station ID
4. Show current station information.
5. Tap to playback next channel
6. Tap to store current station to favorite list.
7. Tap to pop-up the keyboard and enter desired channel number directly.
8. Tap to access the SXM settings page.
9. Tap to access to channel list.
10. Tap to access Favorite list page.
11. Show the signal strength: Excellent/ Good/ Weak/ No signal.
12. Tap to Alert current station's Song/ Artist.

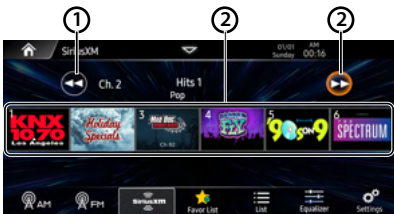
Direct Tune

Press  to shown the direct tune interface, user can direct enter the channel number and touch "OK" to go to the desire channel.

Press backspace to clear the pervious digit.



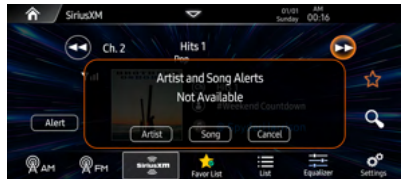
Favorites list



1. Tap to previous page favorite stations.
2. Tap to next page favorite stations.
3. Tap one station and back to playback page.

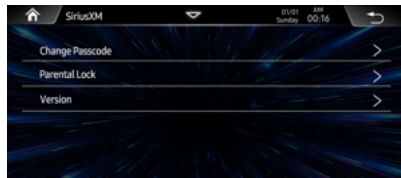
Artist and Song Alert

While listening to SiriusXM Satellite Radio, user can mark Artists and/or Songs for which you wish to be alerted. The radio will display an Alert message when a matching artist or song is found on another channel. Then user can choose if you want to tune to that favorite or user can ignore the alert and stay on your current channel. To store an artist or song title, touch on the "artist" or Song" metadata on the display. User will then be prompted to set the alert for the Artist or the Song Title. User will be alerted when one of your stored artists or songs is playing on another channel. If multiple alerts happen at the same time, or the alert gets dismissed, user can touch the ALRT button to list the channels that are currently playing your artist or song.



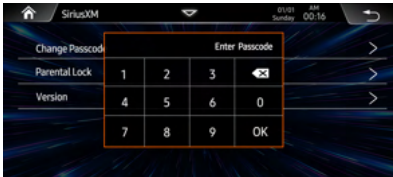
- Tap "Artist" to alert current artist.
- Tap "Song" to alert current song.
- Tap "Cancel" to dismiss the pop menu.

SXM settings



Change Pass Code

Touch "> of the Change Passcode" to show the below screen. Input the passcode by using the keypad.



Parental Controls

Some SiriusXM channels contain mature content. When the Parental Controls feature is enabled, channels with mature content are restricted and will require a 4-digit lock code to access.



Note:

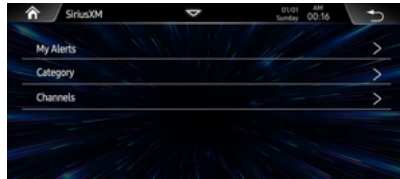
Default passcode is "0000"

Version

Tap "Version" to show the SXM detailed information.

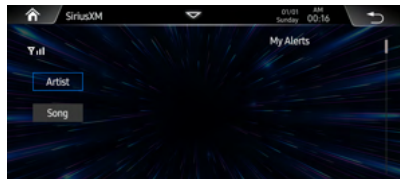


SXM List



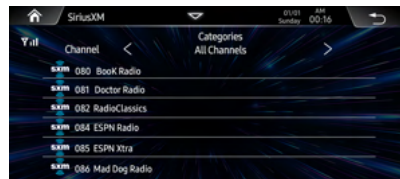
My Alert

Press the My Alerts key to view all stored artist & song title alerts. Press Artist / Song to show the stored alerts. Tap the delete icon to delete it accordingly.



Category List

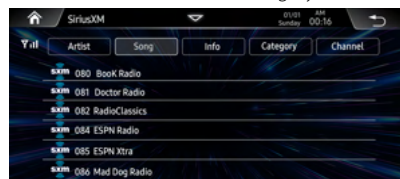
Touch the "Category" for the Category list



Tap "< / >" to select Category item, the channels will be shown accordingly.

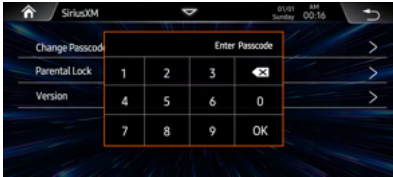
Channel List

Touch the "Channel" for the Category list



Change Pass Code

Touch "> of the Change Passcode" to show the below screen. Input the passcode by using the keypad.



Parental Controls

Some SiriusXM channels contain mature content. When the Parental Controls feature is enabled, channels with mature content are restricted and will require a 4-digit lock code to access.



Note:

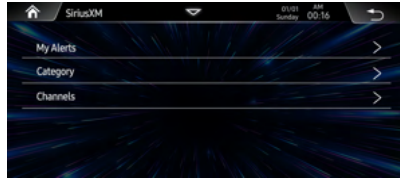
Default passcode is "0000"

Version

Tap "Version" to show the SXM detailed information.



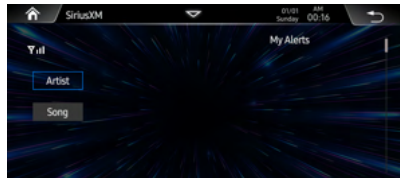
SXM List



My Alert

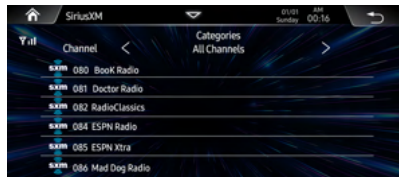
Press the My Alerts key to view all stored artist & song title alerts.

Press Artist / Song to show the stored the alerts. Tap the delete icon to delete it accordingly.



Category List

Touch the "Category" for the Category list



Tap "< / >" to select Category item, the channels will be shown accordingly.

Channel List

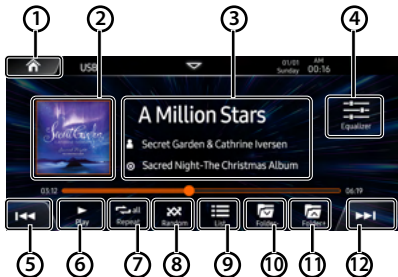
Touch the "Channel" for the Category list

Touch "Artist / Song / **Info / Category / Channel**" button at top bar to display the channel detailed information.

On-Screen Display	Advisory Message	Cause	Explanation / Solution
Check Antenna	Check Antenna	The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.	<ul style="list-style-type: none"> Verify that the SiriusXM Connect Vehicle Tuner cable is securely connected to the radio SiriusXM connector/ cable. If the problem persists, disconnect and reconnect the tuner and then contact your dealer.
Check Tuner	Check Tuner	<ul style="list-style-type: none"> The radio has difficulty communicating with the SiriusXM Connect Vehicle Tuner. The tuner may be disconnected or damaged. 	<ul style="list-style-type: none"> Verify that the SiriusXM Connect Vehicle Tuner cable is securely connected to the radio SiriusXM connector/ cable. If the problem persists, disconnect and reconnect the tuner and then contact your dealer.
No Signal	No Signal	The SiriusXM Connect Vehicle Tuner has difficulty receiving the SiriusXM satellite signal.	<ul style="list-style-type: none"> Verify that your vehicle is outdoors with a clear view of the southern sky. Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface on the outside of the vehicle. Move the SiriusXM antenna away from any obstructions. Inspect the antenna cable for damage and kinks. Replace the antenna if the cable is damaged. If the problem persists, disconnect and reconnect the tuner and then contact your dealer.
Channel Not Available	Channel Not Available	The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first connecting a new SiriusXM Connect Vehicle tuner. Visit www.siriusxm.com for more information about the SiriusXM channel lineup.	<p>The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first connecting a new SiriusXM Connect Vehicle tuner.</p> <p>Visit www.siriusxm.com or www.siriusxm.ca for more information about the SiriusXM channel lineup.</p>
Channel Not Subscribed	Channel Not Subscribed	The channel that you have requested is not included in your SiriusXM subscription package or the channel that you were listening to is no longer included in your SiriusXM subscription package.	<ul style="list-style-type: none"> Questions about your subscription in the United States please visit http://www.siriusxm.com/activatenow or call SiriusXM Listener Care at 1-866-635-2349. Questions about your subscription in Canada please visit http://www.siriusxm.ca/help/activation-help/ or call XM Listener Care at 1-888-539-7474
Channel Locked	Channel Locked	The channel that you have requested is Locked by the radio	See the section on Lock Channel, more information on the Lock Channel feature and how to access locked channels.
Please Enter the Lock Code	Please Enter the Lock Code	User prompted to enter the lock/unlock code.	Enter the four digit code to unlock the channel
Incorrect Passcode Entered	Incorrect Passcode Entered	The unlock code entered by the user is incorrect	<ul style="list-style-type: none"> Input the correct four digit code to unlock the channel. Reset lock code to default following instructions.

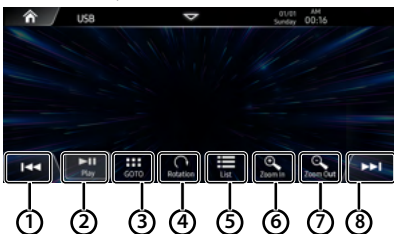
USB

Plug the USB; the USB icon will be lighted .
 Touch the **USB** icon to enter the USB playback mode.
 The source unit will playback the audio in the USB device.



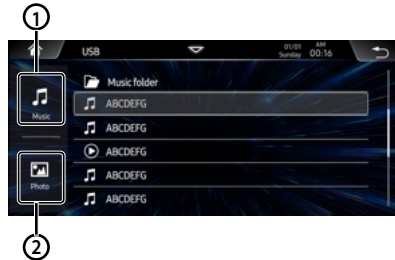
1. Tap to back to home page.
2. Show the song's album art picture.
3. Show the song's ID3 information.
4. Tap to access to EQ settings page.
5. Tap to playback previous track, press and hold to activate the fast reverse, press again to select fast reverse speed.
6. Tap to select play/ pause.
7. Tap to select repeat all / repeat 1 / repeat directory.
8. Tap to select Random is On / Off.
9. Tap to access to file list page.
10. Tap to playback previous folder.
11. Tap to playback next folder.
12. Tap to playback next track, press and hold to activate the fast forward, press again to select fast forward speed.

USB picture playback:



1. Tap to playback previous picture.
2. Tap to select play/ pause.
3. Tap to pop-up keyboard then input the desired number.
4. Tap to select Random is On / Off.
5. Tap to access to file list page.
6. Tap to zoom in the picture.
7. Tap to zoom out the picture.
8. Tap to playback next picture

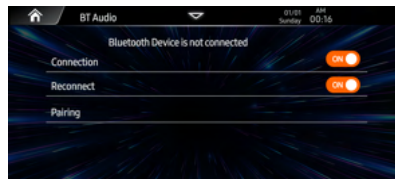
USB file list:



1. Tap to show the music list.
2. Tap to show the picture list.

Bluetooth Connect:

If the Bluetooth is not connected, press Reconnect the paired Phone or pairing to pair the new device.



Bluetooth Pairing:

Pairing screen will be shown as below:

Turn on the Bluetooth of the Mobile phone/ Bluetooth device; you can see the **"SOUND-STREAM V2."** Select the **"SOUNDSTREAM V2"** for pairing and connection.

Bluetooth Music Playback

Touch BT Audio icon to enter music



1. Tap to back home page.
2. Tap to access to EQ settings page.
3. Play Previous song.
4. Tap to Play/Pause current song.
5. Play Next song.

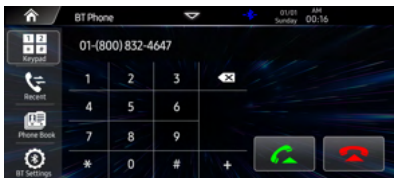
Bluetooth Phone:


After the mobile Phone is connected with the source unit via **Bluetooth(HFP)**, the user can go through the source unit.


Make a phone call. Touch the Phone icon in Main Menu to go to BT Phone mode. Please note it needs to connect the microphone for phone calls.

Once the phone and unit are connected successfully, you'll be able to make calls from the unit.

Touch  to make a call.




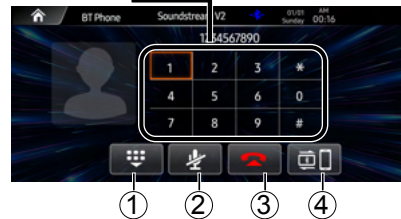
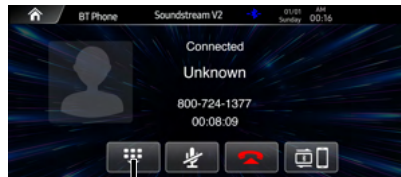
1. Touch the  icon to enter keypad screen.
2. Using the keypad, touch 0-9,*,#, enter the phone number you wish to dial. If you input

an incorrect number, touch the  icon on the keypad to delete the incorrect number.

3. Once the correct number appears on the

screen, touch the  icon. To go to dialing interface.

4. To end the call, touch the icon  on the screen.





- 1 **Keypad Button** 
 - Press to show the keyboard.
- 2 **Mute Microphone Button** 
 - Press to Microphone Mute or Un-Mute.
- 3 **Hang-up Button** 
 - Press to hang-up the calling.
- 4 **Switch Button** 
 - Press to switch call audio to phone or AV receiver.

Receive an incoming call

If the Phone is connected with the source unit via Bluetooth, when an incoming call, below screen will be shown:




Press  to answer the incoming call.

Press  to reject the incoming call.

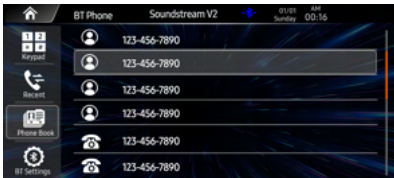
Note : You can also manage calls through your phone.

Recent (Calling Record)

Check for dialed/answered/missed calls history. Touch icon  to enter calling record interface:

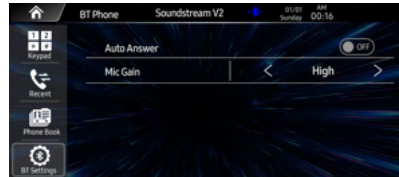


Phone Book



When your phone and unit are paired, the unit can automatically reach contacts from your phone and store them within the unit.(selected phones only)

BT Settings



Auto Answer On /OFF, incoming call auto answer.

MIC Gain, Set MIC Gain is High/Mid/Low.

Wireless Headset Integration

The wireless headset interface supports both OEM and aftermarket headsets and headphones. You can pair up to two headsets or headphones for both the rider and passenger. Additionally, you have the option to select whether you want to hear only GPS navigation commands, only music, or both simultaneously. Before using the wireless headset with any Bluetooth devices for the first time, you will need to pair them together. Audio Bluetooth headsets. This pairing operation is only required once for any Bluetooth device. The headset remains paired with the devices and automatically reconnects to them when they are within range. You will hear a high tone single beep and a voice prompt when the headset connects to the paired device automatically.

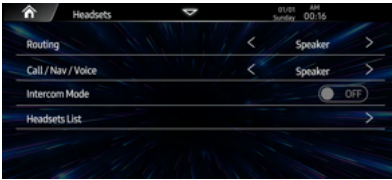
1. Turn on wireless headset.
2. Navigate: Home > Headset.

NOTE: Place headset in pairing mode before selecting Pair Rider Headset.

3. Put Headset into pairing mode.
 - a. Touchscreen will display Pairing in Process with Headset.

NOTE:Rider's headset should be paired first followed by the passenger.

Select: Pair Rider Headset.



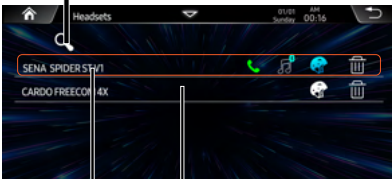
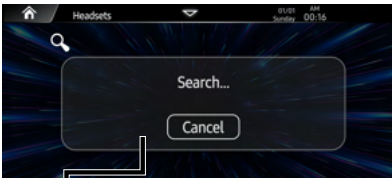
Routing: Switch the media sound routing is **Speaker** or **Headset**.

Call/Nav/Voice, Set Call/ Navigation/Voice promotion routing is **Speaker** or **Headset**.

Intercom Mode: When connect 2 headsets device , user can switch the intercom mode is On, then the rider and passenger can start to intercom.

Headsets List: Tap to access headsets list page, then can start search the device to connect.

Headsets List:



Tap to delete the disconnect device.

Tap the connected device the disconnect it, tap again to reconnect it.

Rally Mode™ Music Sharing

Rally Mode™ Music Sharing allows you to broadcast your playlists to group riders. You can pair with riders who have Rally Mode equipped head units and accessories. An unlimited number of users can pair with a principal broadcaster's stream.

V2 headunit identify is DJ

User can broadcast your playlists to group rider or other accessories.

Tap to select identify is **DJ** or **Listener**.



Tap DJ name item to pop-up the keypad, then you can rename the device name for broadcasting.

GPS Navigation Powered by iGo Primo®

The NNG iGo Primo® GPS Navigation system comes with maps and points of interest (P.O.I) for the USA and Canada included. You can update maps and P.O.I. information annually through Naviextras.com. Uses OEM GPS Antenna if Equipped, Aftermarket Antenna Available.

iGo map Operation

1 Warnings and safety information

The navigation system helps you find your way to your destination with the built-in GPS receiver. Soundstream V2 does not transmit your GPS position; others cannot track you. It is important to look at the display only when it is safe to do so. If you are the driver of the vehicle, we recommend that you plan and review your route before you start your journey. Plan the route before your departure and stop if you need to change the route. You must follow the traffic rules. If you deviate from the planned route, Soundstream V2 changes the instructions accordingly.

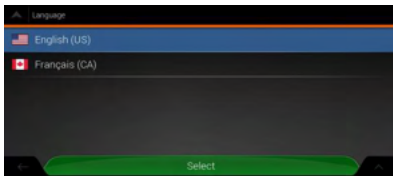
2 Getting started

Soundstream V2 is optimized for in-car use. You can use it easily by tapping the screen buttons and the map with your fingertips.

2.1 Initial set-up

When using the navigation software for the first time, an initial set-up process starts automatically.

1. Select your preferred language, then tap **Select** to confirm your selection. Later you can change it in Regional settings .

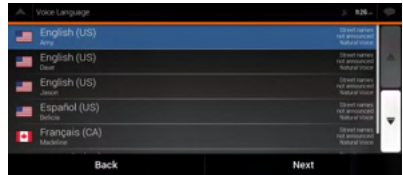


- 2.The Configuration Wizard starts.

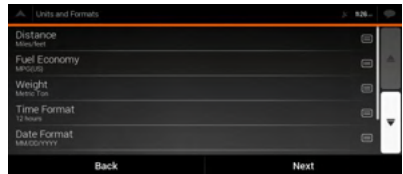
Tap **Next** to continue.

- 3.Select the language and speaker used for voice guidance messages.Later you can change it in Regional settings.

Tap **Next** to continue.

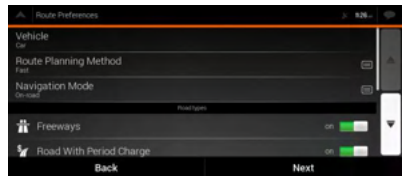


4. If needed, modify the time format and unit settings. Later you can change them in Regional settings . Tap **Next** continue.



- 5.If needed, modify the default route planning options. Later you can change them in Route Preferences.

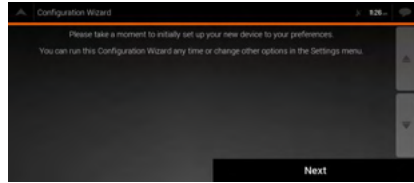
Tap **Next** to continue.



iGo map Operation

6.The initial set-up is now complete,

tap **Finish** to enter the Navigation view.



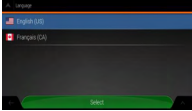
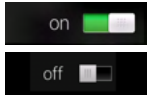




2.2 Screen controls

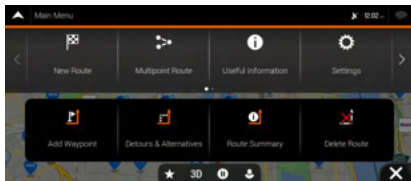
The following sections describe the functionality and use of buttons, sliders, and other screen controls in Soundstream V2.

2.2.1 Using the buttons and other controls

To operate Soundstream V2, tap the buttons on the touch screen.

Type	Example	Description	Function
Button		Opens a new screen where you can set a parameter.	Tap it once.
Button with value		Displays the current value of a field or setting where the value can be changed. After the change, the new value is shown on the button.	Tap it once.
List		Shows multiple options.	Grab the list anywhere and slide your finger up or down. Depending on the speed of sliding, the list scrolls fast or slow, only a bit or till the end. Alternatively, move between items in a list with the arrows and tap the value that you want to select.
Switch		Shows whether a feature is enabled when there are only two choices.	Tap it to turn the switch on or off.
Slider		When a feature can be set to different values in a range, Epsilon Linux device shows an indicator on a gauge that displays and sets the value.	Drag the handle to move the slider to its new position. Tap the slider where you want the handle to appear.
Virtual keyboard		Used to enter text and numbers.	Each key is a touch screen button.

The Navigation menu may contain several menu items on one or more pages.



You need to confirm selections or changes only if the application needs to be restarted, if it needs to perform a major reconfiguration, or if you are about to lose some of your data or settings. Otherwise, V2 saves your selections and applies the new settings without confirmation as soon as you use the controls.

2.2.2 Using the cursor


You can select a map location in the following ways:

By tapping the map when navigating

By tapping the map when you are asked to confirm the destination at the end of a search.








When a map location is selected, the cursor



() appears at the selected point on the map. The location of the cursor can be used as the destination of the route or a new Alert Point. You can also search for Places around it or add this location to your saved locations. You can also select some of the objects on the map. If you tap the map at the icon of a Place or traffic event, the object is selected, and you can get information about this object or use it as a route point.





2.2.3 Using the keyboard

You can type with your fingertips on the screen keyboards and you can switch between various keyboard layouts, for example English, Greek or numerical. Only those keyboard buttons are active that can be used to type a name that is available on the map. The other keys are grayed out.

Action	Function
Switching to another keyboard layout, for example from an English keyboard to a Greek keyboard	Tap  then select the new keyboard layout from the list.
Correcting your entry on the keyboard	Tap  to remove the unnecessary character(s). Tap and hold the button to delete several characters or the entire input string.
Entering a space, for example between a first name and a family name or in multiword street names.	Tap  to button at the bottom center of the screen.
Entering upper and lower case letters.	By default, when entering a text, the first character appears in upper case while the rest of the text is in lower case. Tap  to enter an upper case letter or tap it twice to turn on Caps Lock. Tap again to use lower case letters.
Entering numbers and symbols	Tap  to switch to a keyboard offering numbers and symbols.
Finalizing the keyboard entry	Tap 
Hiding the keyboard	Tap 

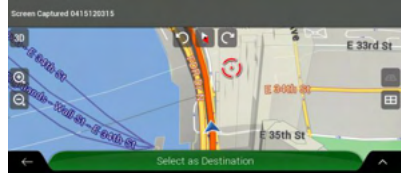
2.2.4 Using touch gestures

You usually need to tap the screen only once. However, some useful features can be accessed with other gestures. See the table below.




Action	Function
Tapping and holding screen	<p>Tap and keep pressing the following buttons to reach extra functions:</p> <p>Tap and hold the following button on list and menu screens to show the</p> <p>Navigation view: </p> <p>Tap and hold any of the following buttons on the Navigation view to rotate, tilt, or scale the map continuously:</p>  <p>Tap and hold the following button on keyboard screens to quickly delete several characters: </p> <p>Tap and hold the following buttons in long lists to scroll pages continuously: </p>
Dragging	<p>Drag the screen in the following cases:</p> <p>To move the handle on a slider.</p> <p>To scroll a list: grab the list anywhere and slide your finger up or down.</p> <p>Depending on the speed of the sliding, the list scrolls faster or slower, only a bit or till the end.</p> <p>To move the map in map browsing mode: grab the map, and move it in the desired direction.</p>
Hiding the keyboard	<p>Use pinch zoom on the Navigation view to zoom in and out by moving two fingers in a pinch gesture.</p>

2.2.5 Manipulating the map

If you tap the map anywhere during navigation, the map stops following the current position (the blue arrow is not locked in a fix position on the screen anymore) and control buttons appear to help you modify the map view.









You can perform the following actions on the map:

Action /Buttons	Function
Checking location information	<p>The top section of the Navigation view shows information about the selected point (the cursor </p> <p>To restore the map view with your position shown in the middle, (the tap </p>
Moving the map by dragging family name or in multiword street names.	<p>Move the map in any direction: tap and hold the map and move your finger towards the direction you want to move the map.</p>
Zooming in and out	<p>Change how much of the map is displayed on the screen. Epsilon Linux device uses maps that let you examine the locations at various zoom levels, always with optimized content. It always displays street names and other text with the same font size, never upside-down, and you only see the streets and objects that you need. Map scaling has a limit in 3D map view mode. If you zoom out further, the map switches to 2D view mode. Tap once to modify the view in a large step, or tap and hold the button to modify it continuously and smoothly.</p> 

iGo map Operation

You can perform the following actions on the map:

Action /Buttons	Function
Tilting up and down 	Change the vertical view angle of the map in 3D mode. Tap once to modify the view in a large step, or tap and hold the button to modify it continuously and smoothly.
Rotating left and right 	Changes the horizontal view angle of the map. Tap once to modify the view in a large step, or tap and hold the button to modify it continuously and smoothly.
Changing 2D, 3D, or 2D North up views 	Switch between the 3D perspective, 2D Heading up, and 2D North up map view modes. In Heading up mode the map is rotated so its top always points in the current driving direction. This is the default orientation in 3D map view mode. In North up mode, the map faces North.
Checking the compass 	The direction of the compass shows North.
Selecting additional options 	Open a list of additional features like saving a location, or searching for Places around the cursor.
Selecting a destination 	Select the cursor location as a new destination. The route is automatically calculated.

2.3 Navigation view

The navigation view is the main screen of Epsilon Linux device that shows the planned route on a map. Epsilon Linux device works with digital maps which are not simply the computerized versions of traditional paper maps. Similarly to paper road maps, the 2D mode of digital maps shows you streets and roads. Elevation is also illustrated in color. The navigation view displays the following screen buttons, data fields, and route information on the map during navigation:



Note! Some buttons, fields, or icons may not be available in your product version.

iGo map Operation

Number	Name	Description
1.	Current position marker	
2.	GPS position	The dot near the arrow shows the GPS position as perceived by the GPS receiver.
3.	Planned route	The planned route is displayed as an orange line.
4.	Data fields	<p>Three data fields show the following information:</p> <ul style="list-style-type: none"> The estimated time of the arrival at the destination. The remaining time of the trip. The remaining distance to the destination. <p>Tap this area to access the Trip Computer screen with additional information about the current trip on a dashboard. You can change the default values in Settings or by tapping and holding the area where the data fields appear. If you have not selected a destination, you can see your heading instead of the three data fields.</p>
5.	Next turn preview	It shows the type of the next maneuver and its distance.
6.	Second next turn preview	It shows the type of the second next maneuver if it is near the first one.
7.	Next street	It displays the name of the next street. If you have not selected a route destination, you can see nearby house numbers, if they are available.
8.	Home	Tap to return to the Home screen of your infotainment system.
9.	Lane information	On multi-lane roads, it shows the lanes ahead and their directions. The highlighted arrows represent the lanes and direction you need to take.
10.	Alert point warning	It shows the type of the alert points when approaching a road safety camera or other Alert Points like school zones or railroad crossings. You must make sure that using this feature is legal in the country where you intend to use it.
11.	Speed limit warning	It shows the current speed and the speed limit when speeding
12.	Signpost	It shows the available destinations and the road numbers.
13.	Freeway services	By tapping it, you can check the details of the next few service stations (gas stations, restaurants) when traveling on a freeway.
14.	Parking around destination	It appears near the destination. By tapping it, you can check the available parking facilities around your destination.
15.	Destination menu	It appears near the destination. By tapping it, you can check the trip summary, find Places around your final destination, save the current location, or suspend the navigation.

16.	Navigation menu	By tapping it, you can open the Navigation menu, where you can reach other parts of Epsilon Linux device.
17.	3D objects	They display hills, mountains, roads, landmarks, and buildings in 3D.
18.	Street name	It shows the current street name. By tapping it, you can open the Where Am I screen.

2.3.1 Streets and roads

V2 device shows the streets similarly to paper road maps. Their width and colors correspond to their importance; you can easily tell a freeway from a small street.

2.3.2 GPS position markers

When your GPS position is available, Epsilon Linux device marks your current position. By default, this marker is a blue arrow. The dot near the arrow shows the GPS position as perceived by the GPS receiver. When on-road navigation is selected, the current position marker may not show your exact GPS position and heading. If roads are near, it is aligned to the nearest road to eliminate GPS position errors, and the direction of the icon is aligned to the direction of the road. If you select off-road navigation, the current position marker is at your exact GPS position. The direction of the icon shows your current heading.

2.3.3 Turn preview and next street




When navigating a route, the top section of the Navigation view shows information about the next route event (maneuver) and the next street or the next town.



There is a field in the top left corner displaying the next maneuver. Both the type of the maneuver (turn, traffic circle, exiting freeway, and so on) and its distance from the current position are displayed. A smaller icon shows the type of the second next maneuver if it is near the first one. Otherwise, only the next maneuver is displayed. Tap the icon of the actual maneuver to open the Itinerary screen.

2.3.4 The planned route
















The planned route is the currently navigated route. Whenever the destination is set, the route is active until you delete it, reach your destination or suspend navigation. Epsilon Linux device displays the route in the following ways:

Symbol /Name	Description
 Current GPS position and starting point	It is your current position displayed on the map. If a vehicle is selected for route calculation and roads are near, the arrow jumps to the nearest road. Normally, if GPS position is available, the route starts from the current position. If there is no valid GPS position, Epsilon Linux device uses the last known position as the starting point.
 Waypoint (intermediate destination)	It is an intermediate destination of the route before reaching the final destination.
 Destination (end point)	It is the final destination of the route.
Route color	The route always stands out with its color on the map, both in daytime and night color modes.
Streets and roads that are excluded from the navigation	You can choose whether you want to use or avoid certain road types. However, when Epsilon Linux device cannot avoid such roads, the route includes them and shows them in a color that is different from the route color.

iGo map Operation

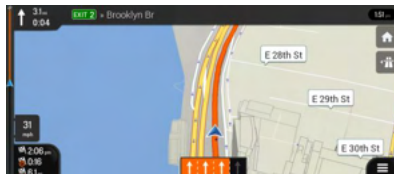
2.3.5 Maneuver icons

During navigation the next maneuver is displayed in the top left corner. Most of the maneuver icons are intuitive. The following table lists some of the frequently shown route events:

Icon	Function
	Turn left.
	Turn right.
	Turn back.
	Bear right.
	Turn sharp left.
	Keep left.
	Continue straight in the intersection.
	Enter the traffic circle and take the first exit (next maneuver).
	Enter the traffic circle (second next maneuver).
	Enter the freeway.
	Exit the freeway.
	Board the ferry.
	Leave the ferry.
	Approaching a waypoint on the right.
	Approaching the destination.

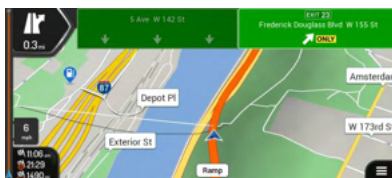
2.3.6 Lane information

When navigating on multi-lane roads, it is important to take the appropriate lane in order to follow the planned route. If lane information is available in the map data, Epsilon Linux device displays the lanes and their directions using small arrows at the bottom of the map. Highlighted arrows represent the lanes and the direction you need to take.



2.3.7 Signposts

If necessary information is available, Epsilon Linux device displays signposts at the top of the map. The color and style of the signposts are similar to the real ones you can see above roads or by roadsides. They show the available destinations and the road numbers. All signposts look similar when cruising (when there is no planned route). During navigation only the signpost that points to the lane(s) to be taken is highlighted; all the others are darker. If you want to hide the currently displayed signposts, tap any of them and the normal Navigation view returns until new signpost information is received.

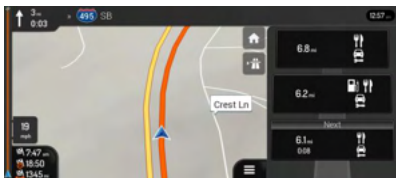


You can modify the signpost settings .




2.3.8 Freeway services

When you are driving on a freeway, the  button appears at the top right corner of the Navigation view. Tap it to open a panel with the details of the next few service stations (gas stations, restaurants).



Tap any of them to display the exit area on the map. You can now easily add this service station as a waypoint to your route if necessary. If you want to display other types of Places at the next few service

stations, you can change the icons in  Navigation View

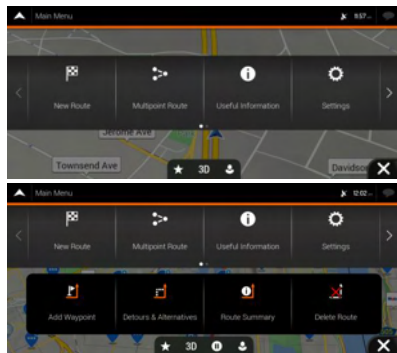
2.3.9 3D object types

Epsilon Linux device supports the following 3D object types:







Type	Description
3D terrain	Epsilon Linux device displays 3D hills and mountains in the Navigation view, and illustrates them by coloring and shading on the 2D map.
Elevated roads	Elevated roads are complex intersections and vertically isolated roads (such as overpasses or bridges) displayed in 3D.
3D landmarks	Landmarks are 3D representations of prominent or well-known objects.
3D buildings	3D buildings are block representations of full town building data containing actual building sizes and positions on the map.

2.4 Navigation menu

On the Navigation view, tap  to open the Navigation menu.









You can see the following menu options when you are navigating without a planned route:








Button	Function
	Select your destination by entering an address or its coordinates, or by selecting a Place, a Saved Location, or a Saved Route. You can also look up your recent destinations from the History.
	Build your route from one or more route points. You can also plan a route independently of your current GPS position by setting a new starting point.
	Access additional options and check navigation-related information.
	Customize the way the navigation software works.
	You can access the latest free map or software updates here.
	The About section pro you with product information. Read the Software and Database End User License Agreement, or check the map and other contents of the application. You can also access program usage statistics.





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With a planned route, the following menu options are also available:

Button	Function
	Add an intermediate destination to your route.
	See route alternatives to avoid parts of the route, or to avoid a specific road from your planned route.
	View the route in its full length on the map and check route parameters and route alternatives. Tap  to access additional options, like Simulation or Route Preferences.
	Delete your route.
	Delete the next waypoint or the whole route. It is displayed if there is a multipoint route.

In the navigation menu, you have the following additional options:

Button	Function
	Open the Saved Locations screen where you can save a location as a favorite destination or edit a saved location.
	Switch to 2D (), 2D North up () view or back to 3D mode.
	Suspend navigation.
	Resume navigation.
	Access the User profiles menu where you can create new profiles or edit the existing ones. If several drivers are using the navigation system, they can create their own profiles with their own settings.

Button	Function
	Check those notifications that contain important information but do not require immediate action from the users. If there are no notifications, this icon is not displayed.
	The Menu button appears when the Navigation view is displayed. Tap it to open the Navigation menu. .
	The More button appears on the screen to display additional features. Tap it to open the list of additional features on certain screens.
	Tap the Back button to return to the previous screen. You can also press and hold this button to quickly return to the Navigation view from any other screen.

3 Using the navigation

By default, V2 device calculates routes using the road network of the maps provided with the product. You can select the destination and start navigating to it right away (normal navigation) if you need a route for immediate navigation. You can also plan a route independently of your current GPS position even without GPS reception. To achieve this, you need to set a new starting point in the Multipoint Route menu. It also suspends guidance so that the route is not recalculated when a new position is received. See page 50. You can plan routes with multiple destinations by selecting a first and a second destination and adding it to your route. You can add as many destinations to your route as you like. You can also use Epsilon Linux device for off-road navigation.




3.1 Selecting a destination

You can choose your destination by selecting one of the following options:

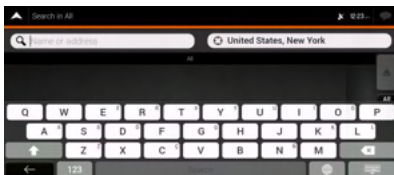
- * Using combined search to search among different destination types at once.
- * Entering a full address or a part of an address, for example a street name without a house number
- * Selecting a Place as your destination.
- * Selecting a Place as your destination.
- * Selecting a previously saved location as your destination.
- * Selecting a location from the History of previously used destinations.
- * Selecting a previously saved route.
- * Entering the coordinate of the destination.
- * Selecting a location on the map.
- * Planning a multipoint route.

3.1.1 Using combined search

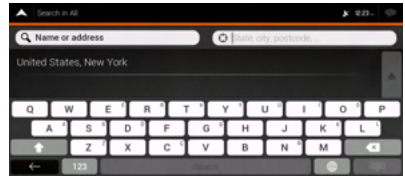
There are several ways to select your destination. You can initiate a separate search for addresses, Places, saved locations, or recent destinations, but the fastest way to search for any of these is to use combined search. Perform the following steps to use combined search:

1. Tap  on the Navigation view to access the Navigation menu.
2. Tap  .
3. Tap  . You can see the input field


at the top of the screen. Right next to it you can see the search area, the town around which the search is carried out. The default search area is the area where you are located. For a local search, skip the next step.

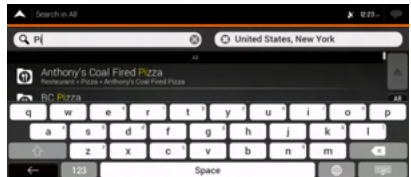



4. (optional) To search in a different area, tap the input field with the search area, and start entering the name of the new search area on the keyboard.

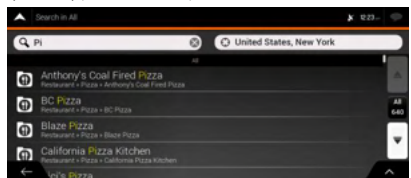


You only need to enter a few letters to get a result. The most likely result appears below the input field as you enter new letters.


- a. If the new search area is in a different country or state, start entering the country/state and the town.
 - b. Tap  to see the whole list of the matching results.
5. With the proper search area displayed, start entering the name, address, or category of the destination you are looking for.





6. Tap  to switch to the result screen. You can see all the results in the list, regardless of their type. Addresses, Places, Place categories, Saved locations, and recent destinations are mixed in one list. You can immediately select the result you want to use as your destination or narrow the list of results for only one type (for example, Places).





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7. If necessary, tap  on the right side of the list and then tap the corresponding button to narrow the list of search results by type (the number on the related icon shows the number of the matching results):

* Tap  to see the list of recent destinations with a matching name or address.

* Tap  to see the list of your saved locations with a matching name.

* Tap  to see the list of matching addresses.

* Tap  to see the list of matching Place category names. Scroll the list and select one of the categories. You get the list of Places in that category ordered by their distance from your current position.





Tap  to see the list of matching Places ordered by their distance from your current location. (optional) If your product contains Places from different data providers, you can further narrow the list by showing the results from one provider only. Look for the provider logos. Tap one of them to see Places from that provider.

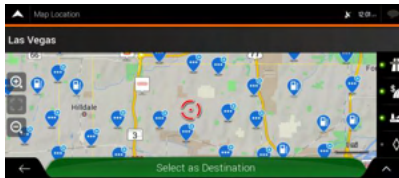
Note: To search for an intersection in the combined search, enter the names of the streets connected by the '&' sign. You do not need to use spaces before and after the separator character. For example you can find the intersection of Collins Street and Douglas Avenue by entering strings, like "Collins St & Douglas Ave", "Collins & Douglas", "Col&Doug", etc. The more precise the input string is, the fewer false results are expected. If you enter "Collins St&", you get all the intersections of Collins Street and you can select the appropriate one from the result list. one type (for example, Places).



8. Once the destination is selected, a full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify



the destination. The cursor () appears in the new location.

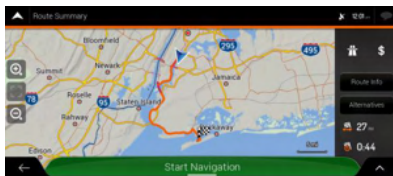
9. Check the settings for road types and change them if necessary.

Tap  to enable or avoid freeways, tap  for roads with Period Charge or Per-use Toll, tap  for ferries, or tap  for carpool lanes.



10. Tap  to confirm the destination, or tap  to select a different destination.

11. The route is calculated and the map appears showing the entire route, where you can check route information and route alternatives. Tap  to modify the route parameters, or tap  to start your journey.






3.1.2 Selecting an address

If you know at least a part of the address, this is the quickest way to select your destination. Using the same screen, you can find an address by entering the following information:

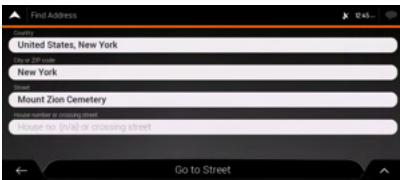
- *The exact address, including the house number.
- *The address starting with the street name
- *The center of a town
- *The midpoint of a street,
- *An intersection,
- *Any of the above, starting the search with the ZIP code,

3.1.2.1 Entering an address with states

To enter an address as the destination, follow these steps:


1. Tap  on the Navigation view to access the Navigation menu
2. Tap  and .
3. By default, the Epsilon Linux device proposes the country and state where you are or in case there is no valid GPS position, the country and state of the last known position. If needed, change the country.

tap 




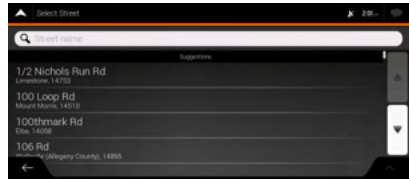
a. In the Select Country screen, you can immediately select a country from the list below the input field or

tap  the button and start entering the first few letters of the country on the keyboard. If you select a country without a state, you can search for a town in all its states.

b. Tap  to open the list of results and select one country from the list.

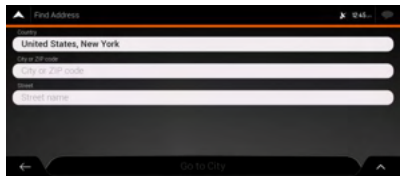
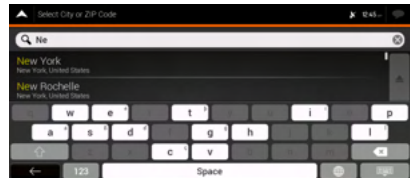
4. If needed, select a new city.

- a. Tap  the City or ZIP code field.
- b. (optional) In the Select City or ZIP code screen, you can immediately select a city from the list of suggestions.



c. Otherwise, start entering the first few letters of the city on the keyboard. The names that match the string appear in a list.

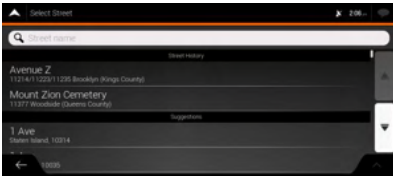
d. To open this list, tap  and select the city.



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5. Enter the street name.

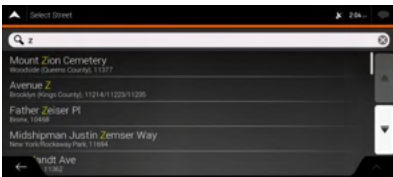
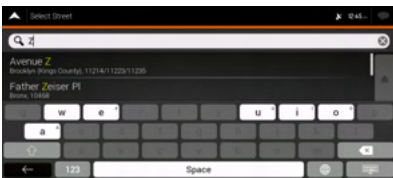
a. Tap the Street field. b. (optional) On the Select Street screen, you can immediately select a street from the list of suggestions.




c. Otherwise, start entering the street name on the keyboard, the names that match the string appear in a list.







d. Tap to open the list of results. Select the street from the list.

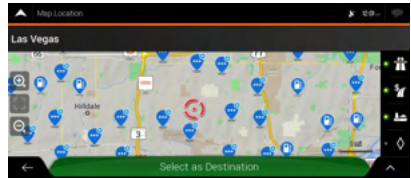




6. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere



else to modify the destination. The cursor () appears at the new location.

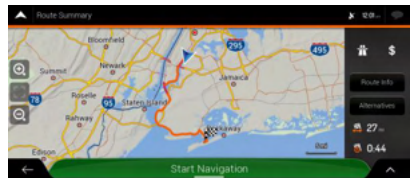
7. Check the settings for road types and change them if necessary.

Tap  to enable or avoid freeways, tap  for roads with Period Charge or Per-use Toll, tap  for ferries, or tap  for carpool lanes.




8. Tap  confirm the destination, or tap  to select a different destination.

9. The route is calculated and the map appears showing the entire route, where you can check route information and route alternatives. Tap  to modify the route parameters, or tap  to start your journey.




3.1.2.2 Entering an address starting with the street name


After you have selected the country and state, you can leave the city or ZIP code field empty and start the search with the street name. This way you can search in all streets of a state. If you select the country without a state, this function cannot work.

1. Tap  on the Navigation view to access the Navigation menu.

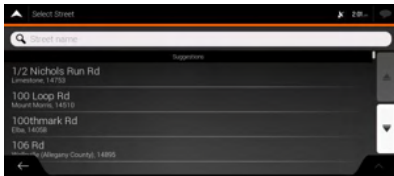
2. Tap  and .

 Country

a. In the Select Country screen, you can immediately select a country from the list below the input field or tap  Enter Country Name the button and start entering the first few letters of the country on the keyboard.

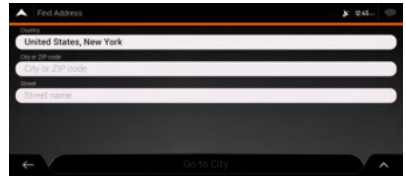
b. Tap  to open the list of results and select one country from the list.

4. If needed, select a new city. a. Tap the City or ZIP code field. b. (optional) In the Select City or ZIP code screen, you can immediately select a city from the list of suggestions.



c. Otherwise, start entering the first few letters of the city on the keyboard. The names that match the string appear in a list.

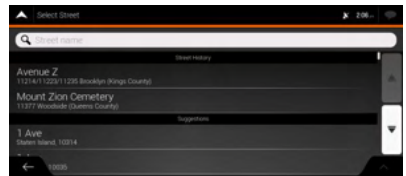
d. To open this list, tap  and select the city.




5. Enter the street name.

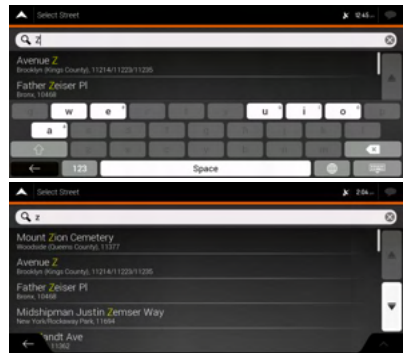
a. Tap the Street field.

b. (optional) On the Select Street screen, you can immediately select a street from the list of suggestions.




c. Otherwise, start entering the street name on the keyboard, the names that match the string appear in a list.





d. Tap  to open the list of results. Select the street from the list.

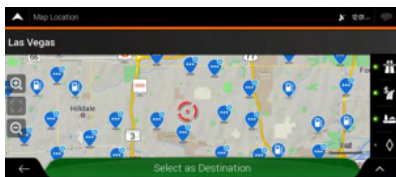




iGo map Operation



6. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The cursor () appears at the new location.

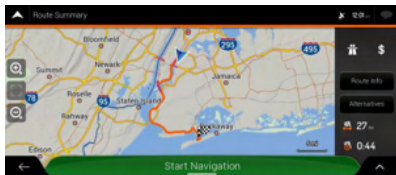
7. Check the settings for road types and change them if necessary.

Tap  to enable or avoid freeways, tap  for roads with Period Charge or Per-use Toll, tap  for ferries, or tap  for carpool lanes.



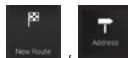
8. Tap  confirm the destination, or tap  to select a different destination.

9. The route is calculated and the map appears showing the entire route, where you can check route information and route alternatives. Tap  to modify the route parameters, or tap  to start your journey.

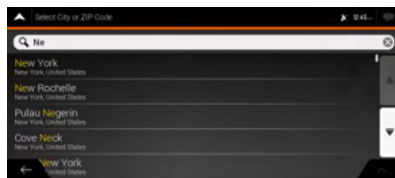


3.1.2.3 Selecting a town center

The town center is not the geometric center of the town but an arbitrary point the map creators have chosen. In towns and villages, it is usually the most important intersection and in larger towns, it is one of the important intersections.

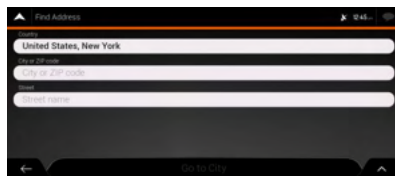


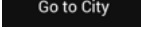
1. Go to  , and modify the country and state as described earlier, if necessary.



c. Otherwise, start entering the first few letters of the town. The names that match the string appear in a list.

d. To open the list, tap  and select the town.




3. Tap  . This way the center of the displayed town becomes the destination of the route.

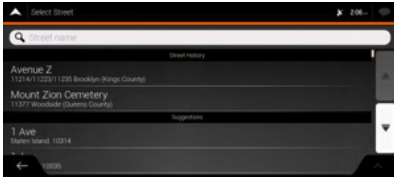
3.1.2.4 Selecting the midpoint of a street

To navigate to the midpoint of a street without entering the house number, perform the following steps:




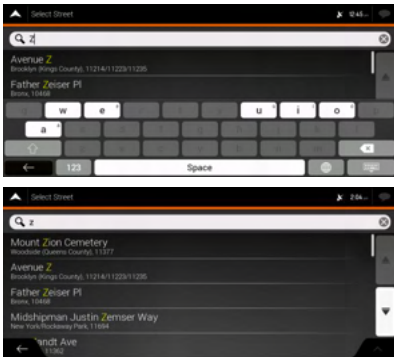
1. Go to  , and select the country and town as described earlier. The Select Street screen appears.


2. Enter the street name by performing the following steps:
- Tap the Street name field.
 - (optional) On the Select Street screen, you can immediately select a street from the list of suggestions.




c. Otherwise, start entering the street name on the keyboard. The names that match the string appear in a list.

d.d. Tap  to open the list of results. Select the street from the list.

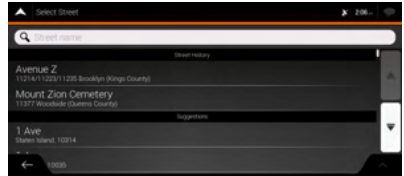


3. Instead of entering the house number, tap  . The midpoint of the street is selected as the destination.


3.1.2.5 Selecting an intersection in a town
To navigate to an intersection, perform the following steps:

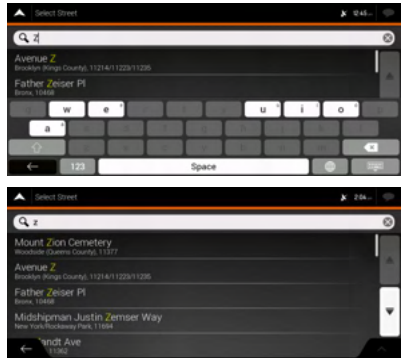
1. Go to  , and select the country and city as described earlier.

2. Enter the street name by performing the following steps: a. Tap the Street name field. b. (optional) On the Select Street screen, you can immediately select a street from the list of suggestions.



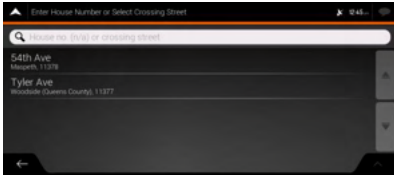
c. Otherwise, start entering the street name on the keyboard. The names that match the string appear in a list.

d.d. Tap  to open the list of results. Select the street from the list.





iGo map Operation

3. Tap the House number or crossing street field and browse the list of crossing streets or start entering the street name in the field. Select one from the list.





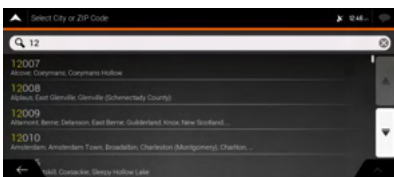
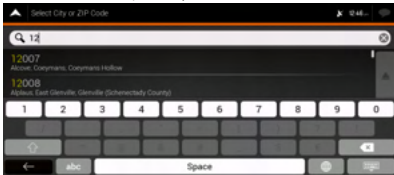
3.1.2.6 Using the ZIP code to select a destination

You can also select any kind of destination by entering the ZIP code instead of the city name. To select the ZIP code, perform the following steps:

1. Go to  ,  , and modify the country and state as described earlier.

2. Tap the Town or ZIP code field. 3. Enter the ZIP code by performing the following steps:

- Tap  to open the numeric keypad.
- Start entering the ZIP code.
- Tap  to open the list of results.
- Find the place you need.



4. Continue the search as described previously .


3.1.3 Selecting a Place of Interest



You can search for Places of Interest (Places) in the menu. Using the same screen, you can find a Place by selecting one of the following options:

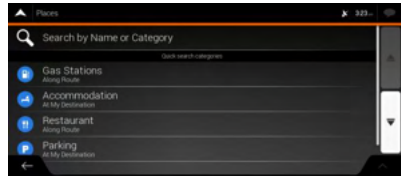
- *Finding frequently searched types of Places with the Quick search categories
- * Searching for a Place by its name,
- *Searching for a Place by its category,
- *In case of emergency, you can also find help nearby,

3.1.3.1 Using Quick search categories





The Quick search feature helps you quickly find the most frequently selected types of Places. Perform the following steps:

1. Tap  on the Navigation view to access the Navigation menu.

2. Tap  and  .

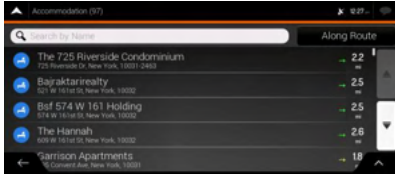


The following Quick search categories appear:

-  **Gas Station** : If a planned route exists, gasstations are searched along the route.
-  **Accommodation** : If a planned route exists, accommodation is searched around the destination.
-  **Restaurant** : If a planned route exists, restaurants are searched along the route.
-  **Parking** : If a planned route exists, parking lots are searched around the destination.

If there is no planned route (destination is not selected), the search is carried out around the current position. If the current position is not available either (no GPS signal), places are searched around the last known position.

3. Tap any of the quick search buttons to get an instant list of Places.



4. The Places in the list can be ordered by their distance from the current or last known position, from the destination, or by the length of the necessary


detour. If you need to reorder the list, tap 

To filter the list of results by providers, tap 

and then the provider logo on the right side of the screen.

5. (optional) If needed, tap  to further filter the list of results.





6. Browse the list and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

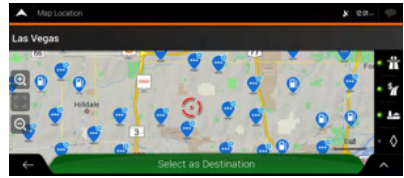
7. Tap  to see the details of the selected Place, or to save the location. If there is a telephone number saved for this Place, you can make a call to that number by tapping the green button at the bottom.

8. If necessary, tap the map somewhere else to


modify the destination. The cursor () appears at the new location.

9. Check the settings for road types and change them if necessary.


Tap  to enable or avoid freeways, tap  for roads with Period Charge or Per-use Toll, tap  for ferries, or tap  for carpool lanes.




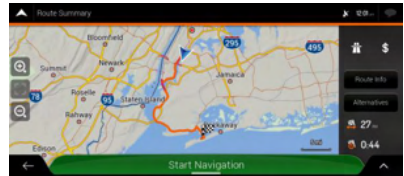
10. Tap  to confirm the destination. You can also select a nearby point on the map

or tap  to select a different destination.

11. The route is calculated and the map appears showing the entire route, where you can check route


information and route alternatives. Tap  to

modify the route parameters, or tap  to start your journey.

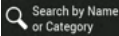


3.1.3.2 Searching by category


To search for Places by their categories and subcategories, perform the following steps:

1. Tap  on the Navigation view to access the Navigation menu.

2. Tap  and .

3. Tap 

4. Select the area around which you would like to

search for the Place by tapping .

By default, the search area is around the current position (or if it is not available, around the last known position). In this case, the following result list is ordered by the distance from this position.

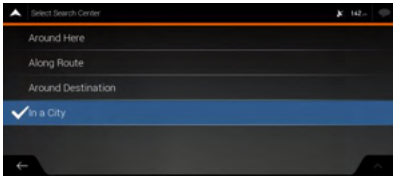
iGo map Operation

Tap **Along Route** to search along the planned

route, and not around a given point. This is useful when you search for a later stopover that results in a minimal detour only, such as searching for upcoming gas stations or restaurants. (The result list is ordered by the length of the necessary detour.)

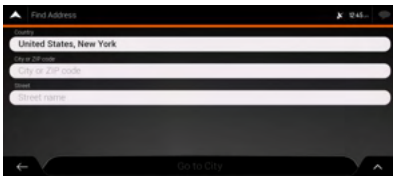
Tap **Around Destination** to search for a place around the destination of the planned route. (The result list is ordered by the distance from the destination.)

Tap **In a City** to search for a place within a selected town. (The result list is ordered by the distance from the center of the selected town.)



5.(optional) If you have selected ,

select **In a City** the town to search in.



6. Select one of the main Place categories (for example, Accommodation), then browse the subcategories (for example, Hotel or Motel) to find your destination.




7. You can turn the Category View off at any level to list all Places around the selected location or along the route.



8. (optional) The Places in the list can be ordered by the following criteria:

- *Name
- *Their distance from the current or last known position
- *Their distance from the selected town
- *Their distance from the destination
- *The length of the necessary detour.

Tap  to reorder the list.


To filter the list of results by providers, tap **All 5** and then the provider logo on the right side of the screen.

9. Browse the list and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

10. The process continues the same way as in case of any other search for Places.


3.1.3.3 Searching by name

To search for a Place by name, browse the various Place categories, or use the mixture of the two search types, perform the following steps:


1. Tap  on the Navigation view to access

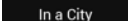
the **Navigation menu**.


2. Tap  and .


3. Tap  **Search by Name or Category** to open the Search By Name or Category window.

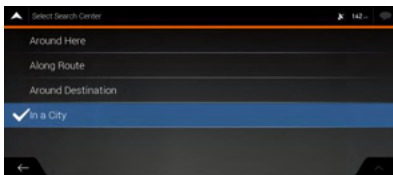
4. Select the area around which you would like to search for the Place. By default, the search area is around the current position (or if it is not available, around the last known position). In this case, the result list is ordered by the distance from this position.

Tap  to select one of the following search areas:

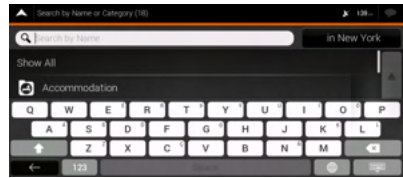
Tap  to search for a place within a selected town. (The result list is ordered by the distance from the center of the selected town.)

Tap  to search for a place around the destination of the planned route. (The result list is ordered by the distance from the destination.)


Tap  to search along the planned route, and not around a given position. This is useful when you search for a later stopover that results in a minimal detour only, such as searching for upcoming gas stations or restaurants. (The result list is ordered by the length of the necessary detour.)

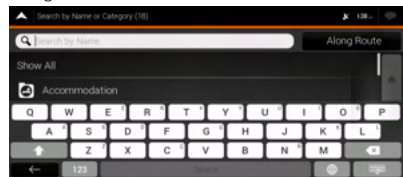



5. (optional) If you have selected, select the town to search in .

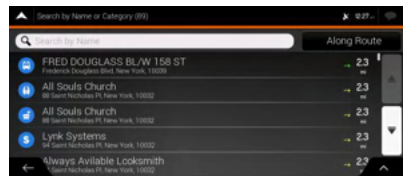


You can search for the name of a Place in all categories by performing the following steps:

1. Tap  **Search By Name**. Using the keyboard, start entering the name of the Place or browse in the categories.



2. After entering a few letters, tap  to open the list of Places or place categories with names containing the entered character sequence.




3. Browse the list, if necessary, and tap the desired list item. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.



4. The process continues the same way as in case of any other Places search.

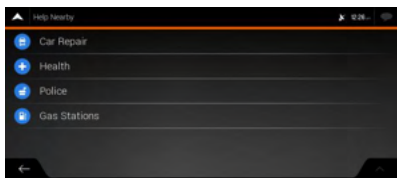
iGo map Operation

3.1.3.4 Finding help nearby

To quickly search for nearby assistance, perform the following steps:

1. Tap  on the Navigation view to access the **Navigation menu**.


2. Tap  and .




Places in the following pre-set search categories can be searched for around the current position (or around the last known position if the current position is not available):

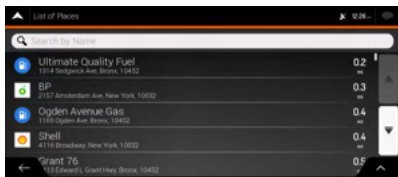
 **Car Repair** : Car repair and roadside assistance services the route.

 **Health** : Medical and emergency services

 **Police** : Police stations


 **Gas Station** : Gasstations

3. Tap any of the quick search buttons to get an instant list of those types of Places.



4. (optional) The Places in the list can be ordered by the following criteria:

- * By their distance from the current or last known position
- * By name.


Tap  to reorder the list.



5. Browse the list and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

6. The process continues the same way as in case of any other Places search.

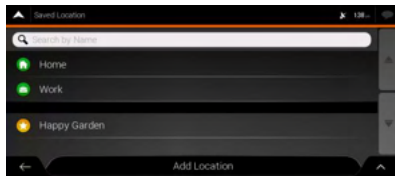
3.1.4 Selecting a Saved Location

To select a location that you have already saved perform the following steps:


1. Tap  on the Navigation view to access the **Navigation menu**.

2. Tap  and .

3. The list of saved locations is displayed. It contains two pre-set categories: Home and Work.




4. Tap the location that you want to set as your destination. If necessary, browse the list to see more results.





5. (optional) If needed, tap  to enable the editing option so that you can rename the saved locations or delete any of them.

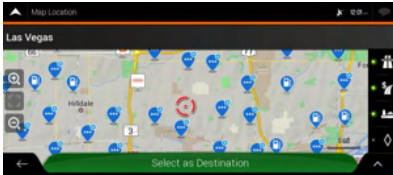
6. After you have selected a saved location as the destination, a full screen map appears with the selected point in the middle.

7. If necessary, tap the map somewhere else to

modify the destination. The cursor () appears in the new location.



8. Check the settings for road types and change them if necessary.

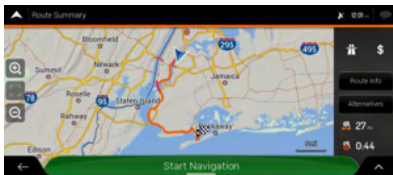
Tap  to enable or avoid freeways, tap  for roads with Period Charge or Per-use Toll, tap  for ferries, or tap  for carpool lanes.



9. Tap  to confirm the destination. You can also select a nearby point on the map


or tap  to select a different destination.


10. The route is calculated and the map appears showing the entire route, where you can check route information and route alternatives. Tap  to modify the route parameters, or tap  to start your journey.

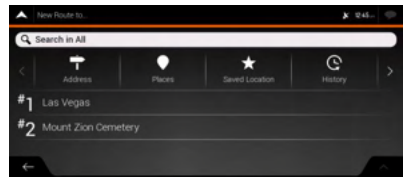



3.1.5 Selecting a History item

The destinations that you have used earlier appear in the History list. Smart History offers these locations from your previous destinations, using parameters like the current time of day, the day of week, and the current location. The more you use the navigation software, the better it can guess your desired destination. To select a History item, perform the following steps:

1. Tap  on the **Navigation view** to access the **Navigation menu**.

2. Tap . Two of the Smart History Items are displayed in the New Route to... screen for easy access. You can select one of them as your destination.




3. To open all the history items, tap . The





list of recent destinations appears. The list begins with the three most likely destinations that are selected based on your previous routes (Smart History). The rest of the destinations are ordered by the time they were last selected. If necessary, scroll the list to see earlier destinations.

4. Select a destination from the list.

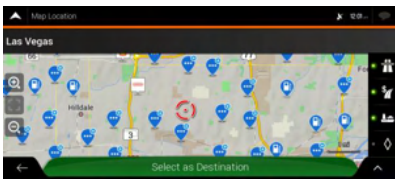
5. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere

else to modify the destination. The cursor () appears at the new location.

6. Check the settings for road types and change them if necessary.


Tap  to enable or avoid freeways, tap  for roads with Period Charge or Per-use Toll, tap  for ferries, or tap  for carpool lanes.

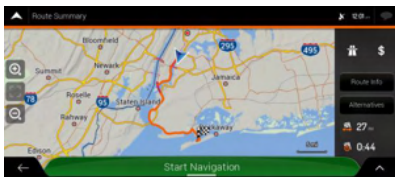
iGo map Operation



7. Tap **Select as Destination** to confirm the destination. You can also select a nearby point on the map


or tap  to select a different destination.

8. The route is calculated and the map appears showing the entire route, where you can check route information and route alternatives. Tap  to modify the route parameters, or tap **Start Navigation** to start your journey.

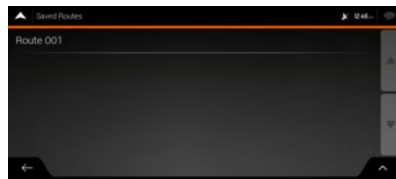


3.1.6 Selecting a saved route

The routes that you have saved earlier appear in a list. To select a previous route, perform the following steps:

1. Tap  on the **Navigation view** to access the **Navigation menu**.


2. Tap  

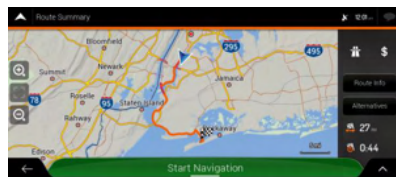


3. The list of saved routes appears. If necessary, scroll the list to see earlier routes.

4. Select a route and the Multipoint Route screen appears. If necessary, modify the saved route.


Otherwise, tap **Calculate Route**.

5. The route is calculated and the map appears showing the entire route, where you can check route information and route alternatives. Tap  to modify the route parameters, or tap **Start Navigation** to start your journey.



3.1.7 Entering coordinates

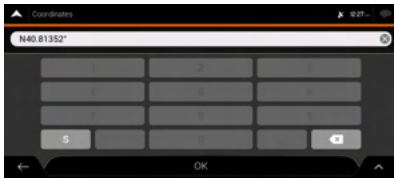
To select a destination by entering its coordinates, perform the following steps:

1. Tap  on the **Navigation view** to access the **Navigation menu**.

2. Tap  

3. You can enter the latitude and longitude values in any of the following formats: decimal degrees, degrees and decimal minutes, or degrees, minute

and decimal seconds. Tap 








Note:

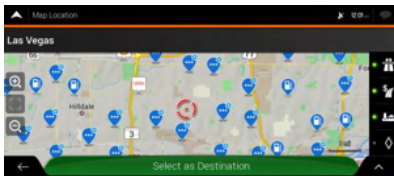
(optional) If necessary, tap  then  and enter the coordinate in UTM format.



4. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination.

The cursor () appears at the new location.
5. Check the settings for road types and change them if necessary.

Tap  to enable or avoid freeways, tap  for roads with Period Charge or Per-use Toll, tap  for ferries, or tap  for carpool lanes.




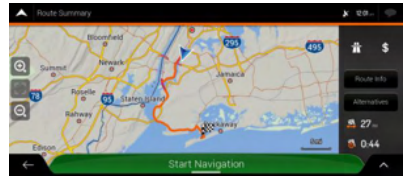
6. Tap  to confirm the destination. You can also select a nearby point on the map

or tap  to select a different destination.

7. The route is calculated and the map appears showing the entire route, where you can check route

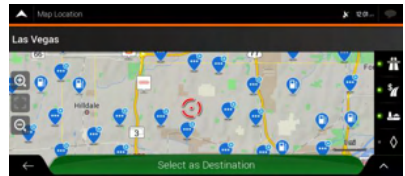
information and route alternatives. Tap  to


modify the route parameters, or tap  to start your journey.




3.1.8 Selecting a location on the map

To select a map location, perform the following steps:
1. Locate your destination on the map. Move and scale the map as necessary.


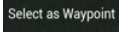


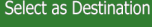
2. Tap the location that you want to select as your destination. The cursor () appears there.



3. (optional) If needed, tap  to list the Places near the selected point or to save this location.

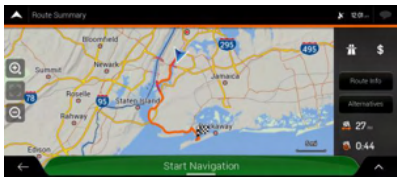
iGo map Operation

Note.

If you already have a planned route, tap  and to  add the selected location to your route.


4. Tap  confirm the destination,

5. The route is calculated and the map appears showing the entire route, where you can check route information and route alternatives. Tap  to modify the route parameters, or tap  to start your journey.

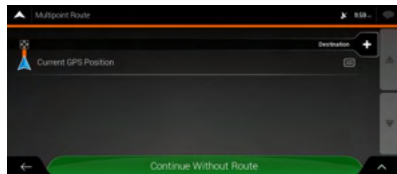


3.1.9 Planning a Multipoint Route


To build your route destination-by-destination, perform the following steps:

1. Tap  on the **Navigation view** to access the **Navigation menu**.

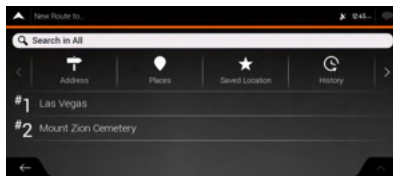
2. Tap .

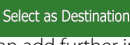


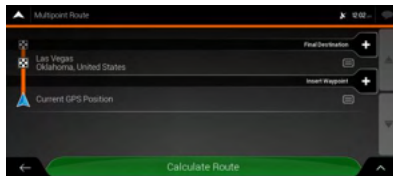
3. There is only one line in the list of route points, the starting point of the route, which is normally the current GPS position.


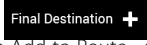
4. Tap  to select the destination.


5. The New Route to... screen appears, where you can select the destination of the route the same way as described in the previous sections.

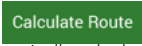


6. When the selected location appears on the map, tap  and the list returns. If needed, you can add further intermediate destinations.




7. To add more route points, tap  or tap  to change the final destination. The Add to Route... menu appears again, where you can select the new route point the same way as you have set the destination before.

8. (optional) Tap  to optimize the whole route or the order of waypoints. You can also delete all the destinations.

9. When you have added all the route points, tap  and the planned route is automatically calculated.

3.2 Checking route information and alternatives

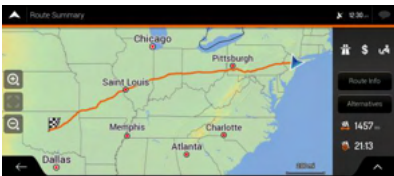
To get a map overview of the planned route and check different parameters of the planned route, perform the following steps:

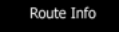

1. Tap  on the **Navigation view** to access the **Navigation menu**.

2. Tap .

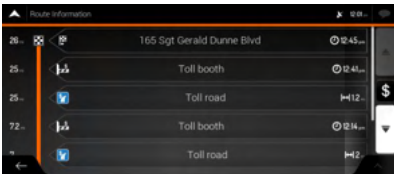
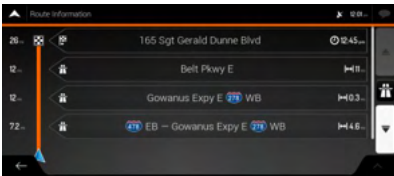
The planned route is displayed in its full length on the map with the following additional information:

- *The total length of route
- *The total time of route.



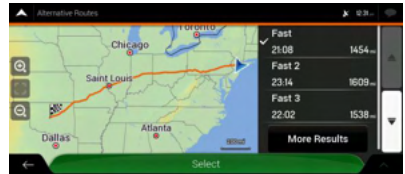
By tapping , you can check detailed information about the route. If you tap  on


the right side of the screen, you can narrow the route information, for example to show only freeway sections or toll roads.



By tapping , you can see a list

of route alternatives and select the most suitable route.



3. Tap  on the Route Summary screen to carry out additional actions, for example edit your route preferences or display the itinerary.


3.3 Editing the route

When navigation has already started, there are several ways to modify the planned route. You have the following options:

- *Setting a new starting point,
- * Adding an additional destination
- *Modifying the list of destinations,
- *Saving the planned route,
- *Deleting the planned route,
- *Selecting a route alternative when planning the route,
- *Selecting a route alternative for an existing route,
- * Pausing guidance.

3.3.1 Setting a new starting point

For normal navigation, all routes are calculated from the current position. You can pause navigation to check future routes, simulate them or see their length in time and distance. Then you can set the starting point of the route to a location other than the current GPS position.


1. Tap  on the **Navigation view** to access the **Navigation menu**.

2. Tap .

iGo map Operation

3.2 Checking route information and alternatives

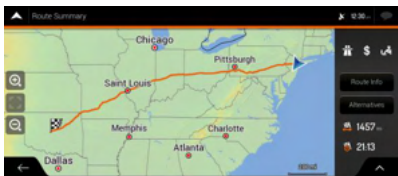
To get a map overview of the planned route and check different parameters of the planned route, perform the following steps:

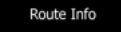

1. Tap  on the **Navigation view** to access the **Navigation menu**.

2. Tap .

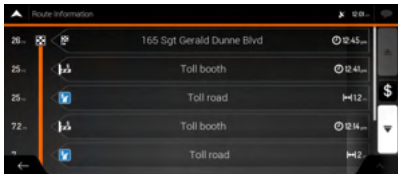
The planned route is displayed in its full length on the map with the following additional information:

- *The total length of route
- *The total time of route.



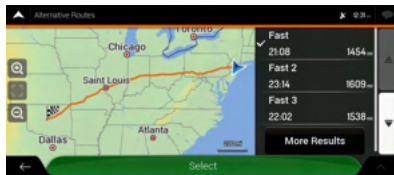
By tapping , you can check detailed information about the route. If you tap  on


the right side of the screen, you can narrow the route information, for example to show only freeway sections or toll roads.



By tapping , you can see a list

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- *Modifying the list of destinations,
- *Saving the planned route,
- *Deleting the planned route,
- *Selecting a route alternative when planning the route,
- *Selecting a route alternative for an existing route,
- * Pausing guidance.

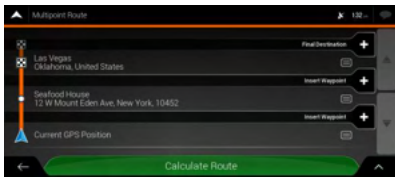
3.3.1 Setting a new starting point

For normal navigation, all routes are calculated from the current position. You can pause navigation to check future routes, simulate them or see their length in time and distance. Then you can set the starting point of the route to a location other than the current GPS position.

1. Tap  on the **Navigation view** to access the **Navigation menu**.

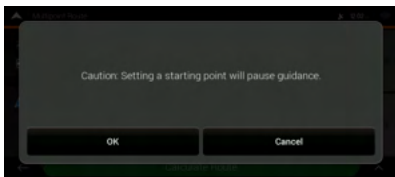
2. Tap .

iGo map Operation

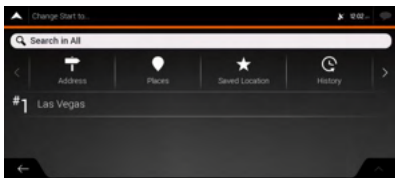


3. The first line from the bottom is the start of the route, normally the current GPS position.

Tap **Current GPS Position**, select **Set Start Point**, and confirm your action at the warning message.



4. The Change Start to... screen appears. Select the starting point of the route the same way you select a destination.




5. You can see the new starting point on the map. Tap and the Multipoint Route screen appears where you can continue adding a destination to your route.



6. Tap **Set Start Point** to continue. The route will be saved with the starting point that you have just set. You can use the saved route later to plan a route.

3.3.2 Adding an additional destination

If you already have a planned route and you select a new destination as described in the above sections, the route to the previous destination is deleted and a new route is calculated. To add a new intermediate destination to the planned route, perform one of the following actions:


* Tap **Select as Waypoint** the map anywhere to browse it.


After selecting the location on the map, tap  and to add the selected location to your route as an intermediate destination. The other destinations of the route remain intact.

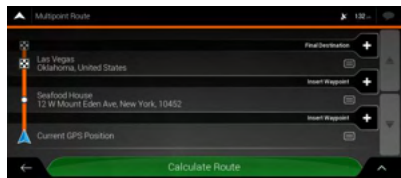
* Tap  on the Navigation view and tap . Add a destination to your route as described.

3.3.3 Modifying the list of destinations


To edit your route, perform the following steps:

1. Tap  on the **Navigation view** to access the **Navigation menu**.


2. In the Navigation menu, Tap .



You have the following options on this screen:

* Tap  to delete all the destinations, or optimize the waypoints or the route.

* Tap the name of the intermediate destination to move it up or down in the list, to save the location, or to delete it from the list.

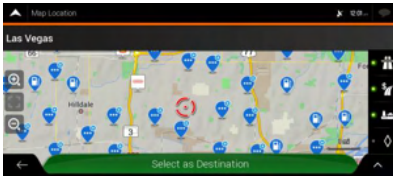
* If you have a route with at least one intermediate destination, you can delete the waypoint from the list right from the Main menu. Tap , then confirm the deletion.

3.3.4 Saving the planned route


To save the planned route, perform the following steps:

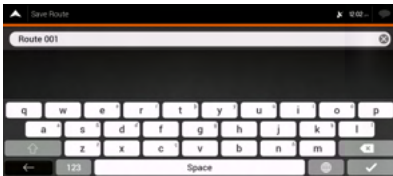
1. Select a destination as described earlier and



tap **Select as Destination**

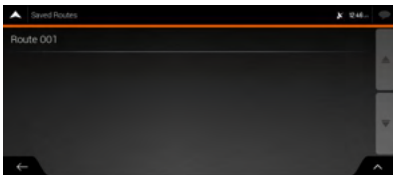


2. Tap  and **Save Route**

3. Type in a name and tap 



4. The route is saved and it is available in  





By selecting a previously saved route, V2 device recalculates the route using the saved destination and/or the waypoints.

3.3.5 Deleting the planned route

You have the following two options to delete the navigated route:

*If you already have a planned route and you select a new destination as described in the above sections, the route to the previous destination is automatically deleted and a new route is calculated.

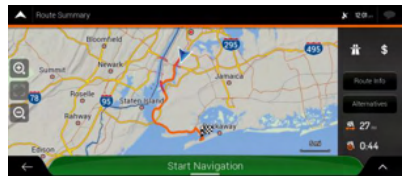
- * In the Navigation menu, tap  or .


If there are no waypoints, the planned route is deleted after a confirmation. If you have waypoints, you can choose to delete the whole route, or only the next waypoint.

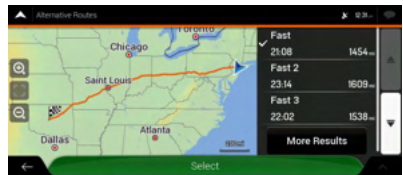
3.3.6 Selecting a route alternative when planning the route

To select from different route alternatives or change the route planning method after you have selected a new destination, perform the following steps:

1. Select a destination as explained earlier, and go to the route confirmation screen.

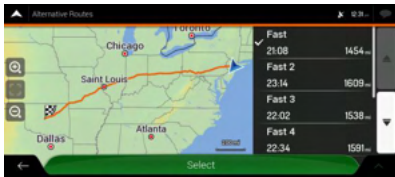


2. Tap 
3. You can see the basic details of route alternatives. Tap any of them to see it on the map.




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4. To view more suggestions, tap **More Results** and scroll down for other alternative routes with different route planning methods.



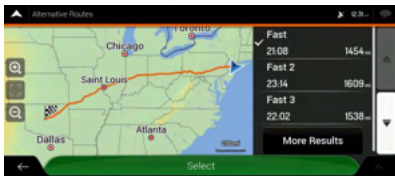
5. Select one of the route alternatives and tap **Select** to return to the previous screen. V2 device recalculates the route. Tap **Start Navigation** to start your journey. The orange line now shows the new planned route.

1. Tap  on the **Navigation view** to access the **Navigation menu**.

2. You can access the list of route alternatives from the Navigation menu in one of the following ways:

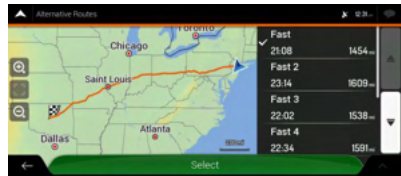
- * Tap  and .
- * Tap  and .

3. You can see the basic details of a few route alternatives. Tap any of them to see it on the map.




If there are suitable alternatives calculated with the route planning method that is selected in Route preferences, they are shown on top of the list. Routes with other route planning methods are shown at the bottom of the list.


4. If there are more than a few suggestions, you can tap **More Results** and scroll down for routes.







5. Select one of the route alternatives and tap **Select** to return to the previous screen. V2 device replaces the original route. Tap **Start Navigation** to start your journey. The orange line now shows the new planned route.

3.3.8 Setting a detour


1. Tap  on the **Navigation view** to access the **Navigation menu**.

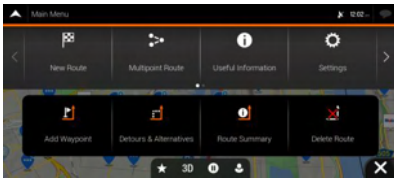
2. In the Navigation menu, tap . You can set up a detour for your route in the following ways:


-  Tap to open a list of special sections of the planned route such as stretches of freeway, toll road or ferry trips. Tap any of these items on the itinerary to avoid a special section.
-  Tap to open the full list of roads on the planned route. Tap any of these items on the itinerary to avoid that specific road.
-  Tap to avoid a part of the planned route that is right ahead of you on the itinerary. You can set the distance for which you want to avoid the road ahead.
-  Tap to delete all detours that you have set up for the planned route.

3.3.9 Pausing guidance

When you are driving a planned route but you do not need guidance for a certain part of the route, you can suspend it and continue when it is needed again.

In the Navigation menu, tap  to suspend guidance.



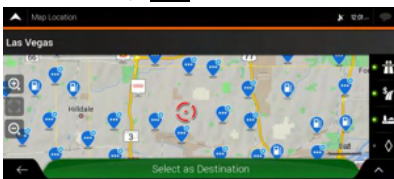
Tap  to resume guidance.

3.4 Saving a location

To add any location to the saved locations (the list of frequently used destinations), perform the following steps:

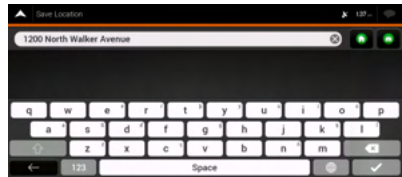
1. Select a destination as described before. It can be an address, a Place, any location on the map, a previously used destination from History, and so on.
2. When the map appears with the selected location

in the middle, tap .





Save Location

4. (optional) Using the keyboard, you can change the name offered for the Saved Location.



3. Tap  to save the location .

To add your home and work address to the saved locations, perform the following steps:

1. On the Navigation view, tap  ,

and .

2. Tap  Home or .



Tap  to confirm your selection.

3. You can search for the address as described .

Planning a route to one of the saved locations is described .

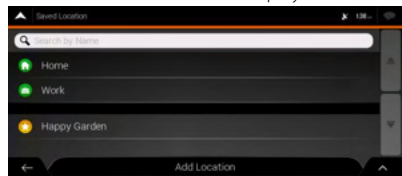
3.4.1 Editing a saved location

To edit a location that you have already added as a Saved Location, perform the following steps:

1. On the Navigation view, tap  ,

and .


2. The list of Saved locations is displayed.

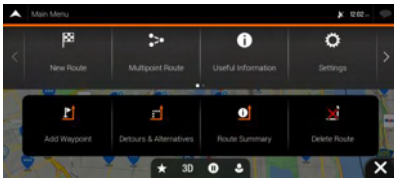



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3.3.9 Pausing guidance

When you are driving a planned route but you do not need guidance for a certain part of the route, you can suspend it and continue when it is needed again.

In the Navigation menu, tap  to suspend guidance.




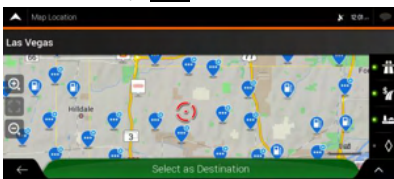
Tap  to resume guidance.

3.4 Saving a location

To add any location to the saved locations (the list of frequently used destinations), perform the following steps:

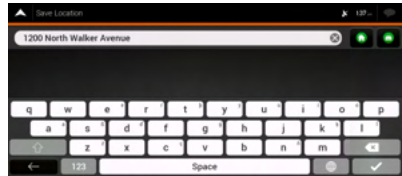
1. Select a destination as described before. It can be an address, a Place, any location on the map, a previously used destination from History, and so on.
2. When the map appears with the selected location

in the middle, tap .






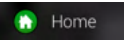
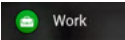

Save Location

4. (optional) Using the keyboard, you can change the name offered for the Saved Location.



3. Tap  to save the location .




To add your home and work address to the saved locations, perform the following steps:

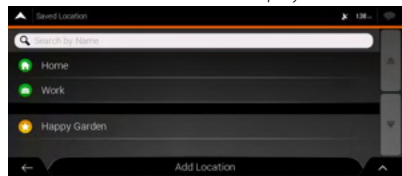
1. On the Navigation view, tap  and ,
- and .
2. Tap  Home or .
- Tap  to confirm your selection.
3. You can search for the address as described .

Planning a route to one of the saved locations is described .

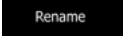

3.4.1 Editing a saved location

To edit a location that you have already added as a Saved Location, perform the following steps:

1. On the Navigation view, tap  and ,
- and .
2. The list of Saved locations is displayed.

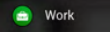


3. Tap  and .

4. Tap the location you want to edit, tap  and enter the name of the location on the keyboard, then tap .

Note:

In Saved Locations, Home and Work cannot be renamed. To change your home or work

location, tap  Home or , and confirm the address change.

5. Tap .

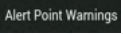
Adding a location to the list of saved locations is described on page

3.5 Adding an Alert Point

You can save any map location as an Alert Point, for example a speed camera or a school zone.


1. If you would like to save an Alert Point for the first time, switch on the . In the Navigation menu,

tap , , the .

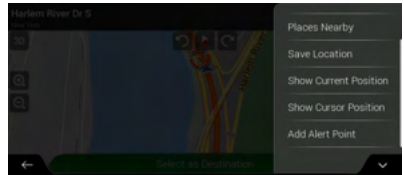
Switch on  and confirm your selection.


Note:

The warning for road safety cameras is disabled when you are in a country where road safety camera warning is prohibited. However, you must make sure that using this feature is legal in the country where you intend to use it.

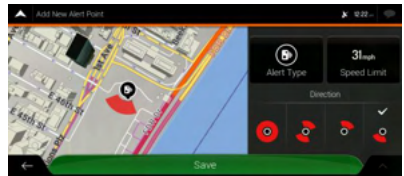
2. Return to the Navigation view, and select the Alert Point. The red cursor () appears there.


3. Tap .



4. Scroll down the list and tap .

5. Select the type of the Alert Point, the direction from which you expect the alert, and (if applicable) the speed limit for this Alert Point.



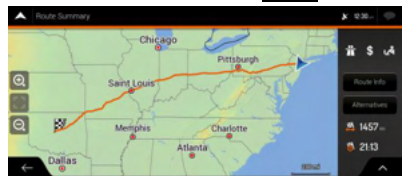
6. Tap  to save the location as a new Alert Point.

3.6 Running a Simulation

To run a simulated navigation that demonstrates the planned route, perform the following steps:

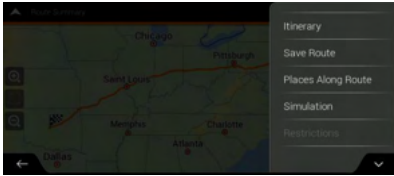
1. Tap  on the **Navigation view** to access the **Navigation menu**.

2. In the Navigation menu, tap



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3. Tap



4. Tap




. The simulation starts from


the starting point of the route and leads you through the whole planned route using a realistic speed.




(optional) You have the following controls during the simulation (the control buttons disappear after a few seconds but you can open them again if you tap the map):

 : Jump to the next route event (maneuver).

 : Pause the simulation.

 : Jump to the previous route event (maneuver).

 : Tap to increase the speed of the simulation to 4, 8 or 16 times faster. Tap again to return to normal speed.

5. Tap



to stop the simulation.

3.7 Off-road navigation

When first started, Epsilon Linux device calculates routes using the road network of the maps provided with the product. If you want to disregard roads during navigation, you can switch to off-road mode, for example when driving in a desert.

3.7.1 Switching to off-road navigation

To switch to off-road navigation, perform the following steps:

1. On the Navigation view, tap



and



2. Tap **Navigation Mode**

On-road

and select

Off-road

Most of the procedures described for on-road navigation also apply to off-road navigation. However, there are some that are not available in this navigation mode. For example:

*You cannot open the itinerary as you have no maneuvers just route points and straight lines between them.

*There are no route alternatives and route planning method.

*Vehicle settings are disabled.

3.7.2 Selecting the destination in off-road mode

Selecting a destination (waypoint or final destination) is the same as described in the previous sections. The only difference is that route points are linked to form a route with straight lines regardless of the road network and traffic regulations.

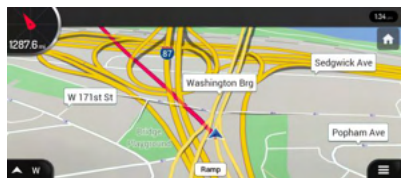
3.7.3 Navigating in off-road mode

The real difference between on-road and off-road modes is the navigation itself. When you are on the Navigation view with an off-road route:

*Your position and heading is not aligned to the nearest road. There is no turn-by-turn navigation, just a recommended direction.

*You can see an orange line drawn between your current position and the next destination to reach.

The Turn Preview field in the top left corner shows a compass with your bearing and the distance of the next destination.



When you reach the final destination, the navigation ends.

Note: If you do not want to use off-road navigation, switch back to on-road navigation by



4 Reference guide

The following sections describe the different concepts and menu screens of Epsilon Linux device.

4.1 Concepts

The following sections describe and explain navigation-related concepts.

4.1.1 2D/3D GPS reception

The GPS receiver uses satellite signals to calculate its (your) position and needs at least four signals to give a three-dimensional position, including elevation. Because the satellites are moving and because objects can block the signals, your GPS device might not receive four signals. If three satellites are available, the receiver can calculate the horizontal GPS position but the accuracy is lower and the GPS device does not give you elevation data; only 2D reception is possible. Several factors have an impact on the deviation between your real position and the one given by the GPS device. For example, signal delay in the ionosphere or reflecting objects near the GPS device have a different and varying impact on how accurately the GPS device can calculate your position.

4.1.2 Natural and TTS voices

Natural voices are the traditional type of voice instructions. Every phrase that occurs in voice guidance messages is recorded in a studio with a real person. The advantage of pre-recorded voice is that it sounds really natural, but the range of instructions that can be given this way is limited. Location-specific information such as street names cannot be announced. TTS technology provides a machine-generated way to give voice instructions. The advantage of TTS is that it can announce street names, traffic events, route summary, and traffic rules.

4.1.3 Road safety cameras and other proximity

Alert Points There is a special proximity warning for road safety cameras (like speed or red light cameras) and other proximity Alert Points (like schools or railroad crossings). These Alert Points are not part of Epsilon Linux device.

You can add your own Alert Points.

The application can warn you when you approach road safety cameras like speed cameras or dangerous areas like school zones or railroad crossings. You can set up the different alert types individually in the Warnings settings.

The following warning types are available:

*Audio warning: beeps are played (if the voice guidance language that you selected is a natural voice) or the type of the alert can be announced (TTS voice) while you are approaching one of these points, and an extra alert warns you if you exceed the given speed

*Visual warning: the type of the Alert Point, its distance and the related speed limit appear on the Navigation view while you are approaching one of these locations. d limit while approaching.

For some of the Alert Points, either the enforced or expected speed limit is available. For these points, the audio alert can be different if you are below or above the given speed limit.

*Only when speeding: The audio alert is only played when you exceed the given speed limit.

*When approaching: The audio alert is always played when approaching one of these Alert Points. In order to draw your attention, the alert is different when you exceed the speed limit.

Note: The warning for road safety cameras is usually disabled when you are in a country where road safety camera warnings are prohibited. Make sure that using this feature is legal in the country where you intend to operate. Use it on your own responsibility. You can also disable Alert Point warnings manually. See page page 73 for instructions.

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4.1.4 Route calculation and recalculation

A route is a sequence of route events, that is, maneuvers (for example, turns and traffic circles) to reach the destination. The route contains one starting point and one or more destinations. The starting point is the current (or last known) position by default. If you need to see a future route, the starting point can be replaced with any other given point.

Once the destination has been selected, Epsilon Linux device calculates the route based on your preferences. These preferences are the route planning method and the road types used or avoided when calculating the route. For detailed information on all the preferences, see Route preferences settings.

V2 device automatically recalculates the route if you deviate from the proposed itinerary.

4.1.5 Smart Zoom

Smart Zoom provides the following features:

* **While following a route:**

When approaching a turn, it zooms in and raises the view angle to let you easily recognize your next maneuver. If the next turn is at a distance, it zooms out and lowers the view angle to be flat so you can see the road in front of you.

* **While driving without a planned route:**

Smart Zoom zooms in if you drive slowly and zooms out when you drive at a high speed.

4.1.6 Speed limit warning

Maps may contain information about the speed limits of the road segments. Epsilon Linux device is able to warn you if you exceed the current limit. This information may not be available for your region, or may not be fully correct for all roads on the map. Speed warning can be fine-tuned in Warnings.

You can also set the relative speed tolerance above which the application initiates the warning.

The following warning types are available:

*Audio warning: You receive a verbal warning when you exceed the speed limit with the given percentage.

*Visual warning: The current speed limit is shown on the map when you exceed it (for

example ).

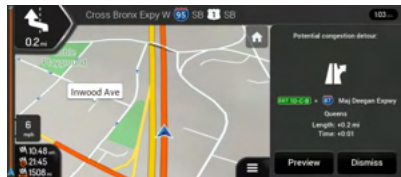
You can also choose to see the speed limit sign on the map all the time.

4.1.7 Intelligent navigation

With the help of intelligent navigation, the planned route can adapt to traffic and other changes during navigation. The following sections describe these features.




4.1.7.1 Congestion detour on highways

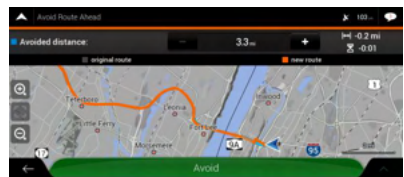
V2 device may offer a detour when you slow down on a highway due to a traffic jam. The Potential congestion detour window appears and shows the length and duration of the detour.



4.1.7.1 Congestion detour on highways

V2 device may offer a detour when you slow down on a highway due to a traffic jam. The Potential congestion detour window appears and shows the length and duration of the detour.

You can ignore this message and keep the original route by tapping  or  you can check the suggested route by tapping .

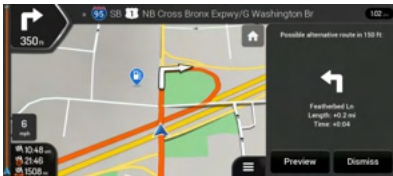




By tapping the plus/minus signs, you can increase or decrease the distance to avoid on the highway. You can accept the recommended detour by


tapping 

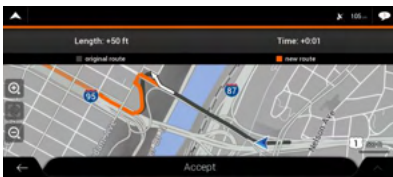
4.1.7.2 Real-time alternative routes

V2 device may offer an alternative route on normal roads in case of a traffic jam. The possible alternative route window appears and shows the length and duration of the detour.




You can ignore this message and keep the original route by tapping  or you can check the suggested route by tapping 

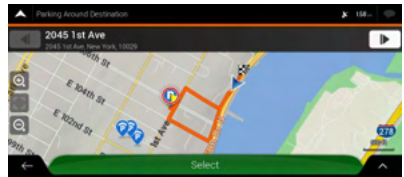
You can accept the recommended detour by tapping 





4.1.7.3 Parking around destination

If you leave the planned route by exiting a freeway, Epsilon Linux device tries to guess the reason for making a detour. By tapping , you can open a top-down map with the recommended parking

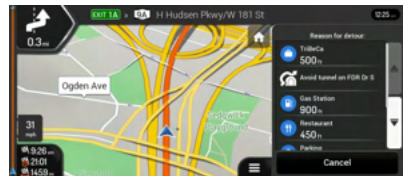
Places around the destination. By tapping  the arrows on the sides, you can switch between the recommended parking facilities.

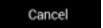


By tapping  and  the selected parking place becomes your destination.

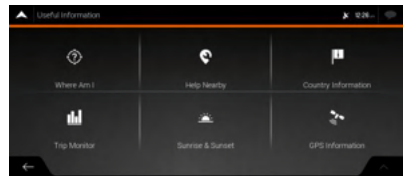
4.1.7.4 Hints upon detour

If you leave the planned route by exiting a freeway, Epsilon Linux device tries to guess the reason for making a detour. The Reason for detour window appears and shows available gas stations, restaurants or other Places around the current position. Also, if there are avoidable parts of the original route ahead (like a tunnel, a toll road or a ferry), you can find them in the list, in case you want to bypass them.



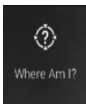
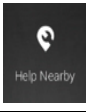
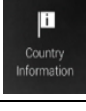
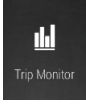
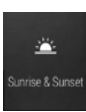

By tapping one of the Places, Epsilon Linux device creates a waypoint and navigates you to the selected place. You can ignore them by tapping 

4.2 Useful Information menu



The Useful Information menu provides various additional functions. It can be found in the Navigation menu.

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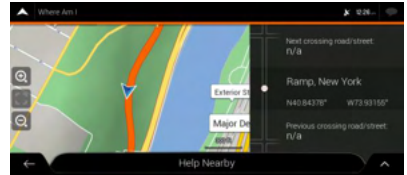
Button	Description
 Where Am I?	Shows information on the current position (latitude, longitude, nearest town, next crossing street, and so on) or the last known position if GPS reception is not available.
 Help Nearby	Offers assistance near your current position.
 Country Information	Offers a list of countries with useful driving information about the selected country (for example speed limits, maximum blood alcohol level).
 Trip Monitor	Shows statistical data of your trips, like the start time, end time and average speed. Track logs, the sequence of the positions given by the GPS receiver, can be saved together with the trip logs. They can later be displayed on the map.
 Sunrise & Sunset	Shows the exact sunrise and sunset times for all your route points.
 GPS Information	Shows the GPS Information screen with satellite position and signal strength information.

4.2.1 Where Am I

This screen contains information about the current position (or about the last known position if GPS reception is not available). You can access it the following two ways:

*By going to the Navigation menu and

tapping  and .





*By tapping the current street name if it is displayed below the current position marker on the map.




The following information is shown on the Where Am I screen:

- * Address details (when available) of the current position
- *Latitude and Longitude (coordinate of the current position in WGS84 format)
- * The nearest town Next crossing road/street
- * Previous crossing road/street.



You can also perform some actions on this screen.


Tap  and  to add the current position to the saved locations and to check the country information.



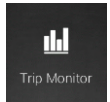
You can also search for assistance near your current position. Tap  to open a new screen for quick search and select a category. For detailed information.

4.2.2 Trip Monitor

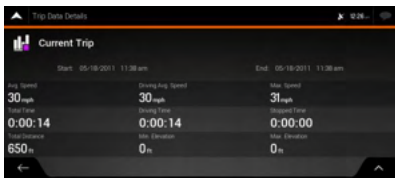
Trip Monitor logs information about your route.


You can record a new trip by tapping  and stop it by tapping .

By tapping  on the Trip Monitor screen, you can select the following options:

Button	Function
	By selecting a recorded trip, you can delete, rename, or change the color of the recorded route. reception is not available.
	You can export all logs into the sdmmc folder.
	You can access the Trip Monitor Settings, where you can enable saving the trip logs automatically or you can save the trip logs manually.

By tapping your recorded trip on the Trip Monitor screen, you can check information such as time, speed, altitude and distance.



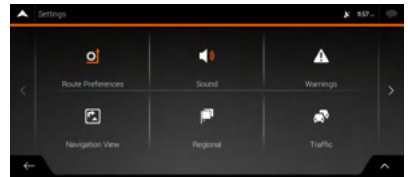
By tapping  on the Trip Data Details screen, you can view the trip on the map, export track logs, and check the elevation and speed profiles.

4.3 Settings menu

You can configure the navigation settings, and modify the behavior of Epsilon Linux device, by

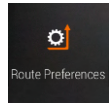
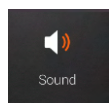
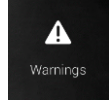
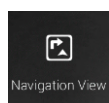
tapping  and .

Tap the arrows to view the content of other pages.

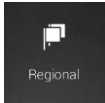
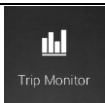



Note: Changing some of these settings may not have an effect in your current region if the map data do not contain the required information.

The Settings menu provides the following options:

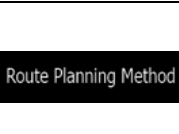
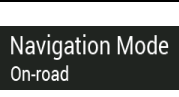
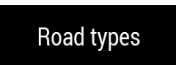
Button	Function
	Select the road types used in route planning, and the route planning method.
	Set up voice guidance.
	Enable and set up warnings for speed limit, Alert Points (such as speed cameras).
	Fine-tune the appearance of the Navigation view or adjust how the software helps you navigate with different kinds of route-related information on the Navigation view.

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Button	Function
 Regional	Change the voice guidance language, set the time zone, the measurement units, the time and date formats, and customize the application for your local language.
 Trip Monitor	Turn the automatic trip log saving on or off and check the current size of the trip database.
 Start Configuration Wizard	Modify the basic software parameters set during the initial set-up process.





4.3.1 Route preferences settings

The following settings determine how routes are calculated:



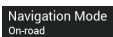
Button	Function
 Route Planning Method	Optimize the route calculation for different situations and vehicle types by changing the planning method.
 Navigation Mode On-road	Select on-road or off-road navigation.
 Road types	Select your preferred road types for the route.

4.3.1.1 Route Planning Method types

You can select from the following route planning method types:

Button	Function
 Fast	Gives a quick route if you can travel at or near the speed limit on all roads. Usually, the best selection for fast and normal cars.
 Easy	Results in a route with fewer turns and no difficult maneuvers. With this option, you can make Epsilon Linux device take, for example, the freeway instead of a series of smaller roads or streets.
 Short	Gives a short route to minimize the travel distance. It can be optimal for slow vehicles. Searching for a short route regardless of the speed, this route type is rarely optimal for normal vehicles.
 Green	Gives a quick but fuel-efficient route based on the fuel consumption data. Travel cost and CO ₂ emission calculations are estimations only. They cannot take elevations, curves and traffic conditions into consideration.








4.3.1.2 Navigation Mode

You can switch between on-road  and off-road  navigation by tapping  and selecting .

4.3.1.3 Road types

To let the route fit your needs, you can also set which road types are to be considered for or to be excluded from the route. Excluding a road type is a preference. It does not necessarily mean total prohibition. If your destination can only be accessed using some of the excluded road types, they are used only as much as necessary.

In this case, a warning icon is shown on the Route information screen, and the part of the route not matching your preference is displayed in a different color on the map. The following road types are available:

Button	Description
 Freeways	You might need to avoid freeways when you are driving a slow car or you are towing another vehicle.
 Road With Period Charge	Charge roads are pay roads where you can purchase a pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads.
 Road With Per-use Toll	Per-use toll roads are pay roads where there is a per-use charge in the routes by default. If you disable toll roads, Epsilon Linux device plans the best toll-free route.
 Ferries	Epsilon Linux device includes ferries in a planned route by default. However, a map does not necessarily contain information about the accessibility of temporary ferries. You might also need to pay a fare on ferries.
 Car Shuttle Trains	Car shuttle trains are used to transports vehicles for a relatively short distance and they usually connect places that are not easily accessible on a road, for example, in Switzerland.
 Carpool Lanes (HOV)	Carpool or HOV lanes can be used if a given number of passengers is traveling in the vehicle. Check whether you are allowed to use carpool lanes before enabling this road type.
 Unpaved Roads	Epsilon Linux device excludes unpaved roads by default. Unpaved roads can be in a bad condition and you usually cannot reach the speed limit on them.

4.3.2 Sound settings You can modify the following settings:

Button	Function
Voice guidance	Disable verbal instructions. This function is enabled by default.
Early Indication of Maneuvers	Set whether you want an immediate announcement for the next maneuver after each turn, or it is enough to receive the information when the turn is near.
Verbosity Level	Set the verbosity of the voice instructions, that is how much they tell and how often they speak. *Minimal: the voice instruction is given once right before the next maneuver. *Medium: the voice instruction is given when approaching the next maneuver and it is repeated right before the maneuver. *Verbose: the voice instruction is given first relatively far from the next maneuver, it is repeated when approaching the next turn, and it is repeated again right before the actual maneuver.

4.3.3 Warnings settings

You can enable and modify the following settings:

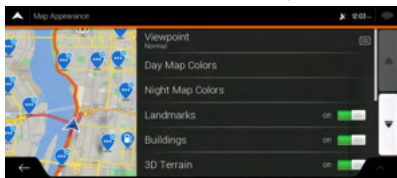
Button	Description
Speed Limit	<p>V2 is able to warn you if you exceed the current speed limit. This information may not be available in your region, or may not be fully correct for all roads on the map. This setting lets you decide whether you wish to receive visible and/or audible warnings. The following warning types are available:</p> <ul style="list-style-type: none">*Visual warning: the current speed limit is shown on the map when you exceed it.*Audio and Visual warning: besides the current speed limit being shown on the map, you also receive a verbal warning when you exceed the speed limit with the set percentage. If you prefer to see the speed limit sign on the map all the time (normally, it is shown only if you exceed the limit), you can set it here. You can also set the relative speed above which the application initiates the warning by adjusting a slider. The value can be different within and outside towns.
Alert Points	<p>Tap it to receive a warning when approaching a road safety camera or other Alert Points like school zones or railroad crossings. You must make sure that using this feature is legal in the country where you intend to use it. You can set the warning type for the different Alert Point categories (alert types) individually. The following warning types are available:</p> <ul style="list-style-type: none">*Visual warning: the type of the Alert Point, its distance, and the related speed limit appear on the Navigation view while you are approaching one of these locations.*Audio and Visual warning: besides the visual alert, beeps are played (when using a natural voice) or the type of the alert is announced (in case of a TTS voice) while you are approaching one of these points, and an extra alert warns you if you exceed the given speed limit while approaching. For some of the Alert Points, the enforced or expected speed limit is available. For these points, the audio alert can be different if you are below or above the given speed limit.* Only when speeding: The audio warning is only played when you exceed the given speed limit.*When approaching: The audio warning is always played when approaching one of these Alert Points. In order to draw your attention, the audio alert is different when you exceed the speed limit.
Road Signs	<p>Maps may contain driver alert information that can be shown on the Navigation view in a similar way as real-life road signs. Tap it to enable or disable the warning for these road segments (for example, dangers and sharp curves). For each category of warning signs, set the warning type (visual or audio and visual) and the distance from the hazard to receive the warning at.</p>

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4.3.4 Navigation View settings

These settings allow you to fine-tune the appearance of the Navigation view. You can also adjust how the software helps you navigate with different kinds of route-related information on the Navigation view.

Tap **Map Appearance** to adjust the navigation view to your needs, choose suitable color themes from the list for both daytime and nighttime use, show or hide 3D buildings, landmarks, and manage your Place visibility sets (which Places to show on the map).



You can modify the following settings:

Button	Function
Viewpoint Normal	Adjust the basic zoom and tilt levels to your needs. Three levels are available.
Day Map Color	Select the color scheme used in daytime mode. Daytime colors are bright and similar to paper road maps.
Night Map Color	Select the color scheme used in night mode. Night colors are darker to keep the average brightness of the screen low.
Landmarks	Show or hide 3D landmarks (3D representations of prominent or well-known objects).
Buildings	Show or hide 3D city models (3D block representation of full city building data containing actual building size and position on the map).

Button	Function
3D terrain	Show or hide the 3D elevation of the terrain.
Track Logs	Turn on Track Logs to show them on the map or turn them off.
Place Markers	Select which Places to show on the map while navigating. Too many Places make the map crowded so it is a good idea to keep as few of them on the map as possible. Tap the name of the Place category to show/hide it or to open the list of its subcategories.

You can modify the following additional settings on the Navigation View screen:

Button	Function
Data Fields	If you are navigating with a planned route, you can set three data fields to be displayed on the Navigation view. You can choose from the time of arrival at destination, distance to destination, time to destination, time of arrival at waypoint, distance to waypoint, time to waypoint, heading, or altitude. Without a planned route, there is only one data field that can be set to show the heading or the altitude.
Route Progress Bar	Turn the Route Progress Bar on or off. If turned on, an orange line is displayed on the side of the screen, and a blue arrow on it shows your progress.
Offer Freeway Services	Turn it on to get freeway service information (for example gas stations, restaurants) or turn it off if you do not need it.

Button	Function
Services Displayed	Select the service types displayed for the freeway exits. Choose from the Places categories.
Automatic Overview	Zoom out and show an overview of the surrounding area if the next maneuver is far and you are driving on a freeway. When you get close to the event, the normal map view returns.
Signposts	Whenever adequate information is available, lane information similar to the real ones on road signs above the road is displayed at the top of the map. Tap it to turn this feature on or off.
Offer Congestion Detour on Highways	In certain situations, Epsilon Linux device offers a detour when there is a traffic jam on a highway.
Offer Real Time Alternative Routes	In certain situations, Epsilon Linux device offers an alternative route when there is a traffic jam on the road.
Offer Parking Around Destination	In certain situations, Epsilon Linux device offers parking Places when you approach your destination.
Offer Hints Upon Detour	In certain situations, Epsilon Linux device offers different route alternatives when you leave the planned route and suddenly exit the freeway.

4.3.5 Regional settings

You can modify the following settings:

Button	Function
Language	It displays the current written language of the user interface. Tap it to select a new language from the list of available languages. The application restarts after you change this setting and confirm it.
Voice Language	It shows the current voice guidance profile. Tap it to select a new profile from the list of available languages and speakers. Tap any of these to hear a sample voice prompt. Just tap when you have selected the new spoken language. Different voice profiles are capable of different levels of service: *Natural Voice (street names not announced): These pre-recorded sounds can only tell you basic information about turns and distances. *TTS Voice (street names announced): These computed voices can read out complex instructions, street names or system messages.
Units and Formats	You can set the measurement units and time/date format to be used. Epsilon Linux device may not support all the listed units in some voice guidance languages.
Time Zone	By default, the time zone is taken from the map information and adjusted by your current location. Here you can manually set the time zone and the daylight saving time.

4.3.6 Trip Monitor settings

Trip logs contain useful information about your recorded trips. You can enable and modify the following settings:

iGo map Operation

Button	Decription
Enable auto-saving	Trip monitor can record statistical data of your trips. If you need these logs later, you can let the application save them automatically for you.
Save track log	Track logs, the sequence of the positions given by the GPS receiver, can be saved together with trip logs. They can later be displayed on the map. You can let the application save track logs whenever it saves a trip.
Trip database size	This is not a button. This line shows the current size of the trip database, the sum of all trip and track logs saved.

5 Troubleshooting

This section offers possible solutions to issues that may occur during the operation of Epsilon Linux device.

5.1 GPS signal cannot be received Issue:

The current location is not available, because GPS signal cannot be received.

Cause 1: GPS signal is weak or may not be available if you are between tall buildings, in garages or tunnels as the signal weakens or distorts as it travels through solid material.

Solution 1: Go to a place where there is a clear sight of the sky or at least a bigger part of the sky is visible.

Cause 2: It may take several minutes to receive GPS signals when first using Epsilon Linux device, or when your last known position is farther away from your current position.

Solution 2: Wait a few minutes for the GPS signal.

5.2 Address cannot be found Issue:

V2 cannot find the address you entered.

Cause: The digital map data may not include every single address.



Solution 1: If the house number is not known or V2 cannot find it, select only the street name. This way, V2 will navigate you to the midpoint of the street, where you can find the exact address more easily.

Solution 2: Search for another address that is close to the destination.

Solution 3: Search for the coordinates or a nearby Place of Interest.

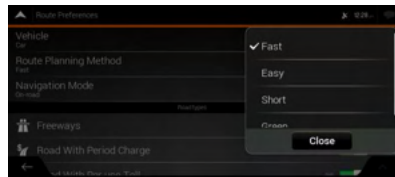
5.3 The calculated route is not optimal Issue:

The planned route is too long or includes several minor roads.

Cause: In   the route planning method is not set to the optimal parameter.

Solution: Select your preferred route planning method by performing the following steps:

- 1: Tap , , and .
2. Tap  and  select your preferred route, for example .




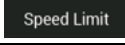
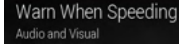
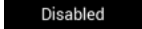


5.4 Disabling the speed limit warning Issue:

The speed limit warning is signalling even when the actual speed limit is kept.

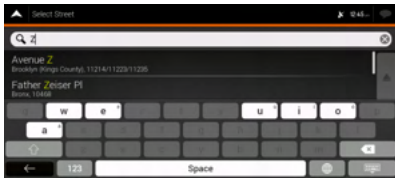
Cause: The speed limit in the digital map data might differ from the actual speed limit of your current location.

Solution: Disable the speed warning by performing the following steps:

- 1: Tap , , and .
 2. Tap  and  **Warn When Speeding**
 Audio and Visual
- and 

5.5 Keyboard buttons are grayed out Issue:

Some keyboard buttons are grayed out and cannot be used.



Cause: V2 has a smart keyboard for address search, which means that only those buttons are active that can be used to type a name that is available on the map.

Solution: Check if you entered the name correctly. If the name is correct, then the address you are looking for is not available in the digital map data.

6 Copyright note

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iDataLink Maestro

iDataLink Maestro

Keep your factory features and expand your level of in-riding connectivity with Soundstream V2 and iDataLink Maestro RR. When your V2 receiver is installed in a compatible motorcycle using the iDataLink Maestro RR interface (sold separately), you'll be able to enjoy the performance and features of the V2 receiver plus touchscreen control over key factory audio features.

Soundstream V2 supports factory functions via the iDataLink Maestro RR interface including: Steering Wheel Controls, Gauges, Motorcycle info, Media Player (including USB ports), Hands-Free Telephone, Voice Commands, Satellite Radio.

Beside, user can use the handle bar to control every mode GUI via cursor.

Using iDataLink

You can access the radio source provided for the motorcycle. The motorcycle information and many OEM systems such as steering controls, rider safety systems, and etc. can be displayed on Soundstream V2 by connecting the optional iDataLink adaptor. It is also possible to add visual screen such as gauges, motorcycle information. However, an extra interface module is required to access these features.

Note: Since the type of module varies depending on the motorcycle model, search for your motorcycle via the following URL to determine which features are available for each model. Remember to select the correct radio model for accurate results.

<http://maestro.idatalink.com/support>

Important:

-For details about motorcycle models that are compatible with iDataLink adaptor, refer to the information on our website.

-After installing the iDataLink adaptor, be sure to

check that it operates properly.

-Functions and displays vary depending on the motorcycle model. For details on the function available for each model refer to the information on our website.

-For trouble shooting information about iDataLink functions, visit the following website:
<http://maestro.idatalink.com/support>

Limitations

- The data is transmitted to this product from your motorcycle system via connected iDataLink adaptor. Therefore, the actual data connects displayed on your product may differ from the contents on the screen described in this manual.

-When information on your motorcycle or on the devices in your motorcycle is sent from the iDataLink Maestro module, a screen notifying you of such information may pop-up.

Activating iDataLink Maestro

Before using and/ or connecting the iDataLink Maestro adaptor, you will need to first flash the Maestro RR module with the appropriate motorcycle and Soundstream V2 firmware.

1. Find the device number (7 characters) on the label on the packaging of this product or on the product itself.

2. Access the following website and follow the on-screen instructions to configure the desired firmware.

<http://maestro.idatalink.com/>

Note:

When the serial number input is required, input the device number of this product.

3. Install the motorcycle Soundstream V2 firmware on your iDataLink Maestro module.

4. Connect this product to the iDataLink Maestro and install this product to the motorcycle.

The iDataLink function will be active.

iDataLink Maestro

Compatible w/ iDataLink® Maestro® RR CANBUS Integration Module

The V2 headunit can display up to 10 digital gauges, offering a selection from over 50 available options. You can receive pop-up warnings for oil pressure, fuel level, engine temperature, and more. The programming of handlebar thumb controls is customizable. V2 activates Boom 1, Boom 2, and HD Audio OEM amplifiers. The wire harness is prepared for iDataLink® Maestro® RR® and RR2® integration.

Displaying detection Motorcycle information

CAUTION

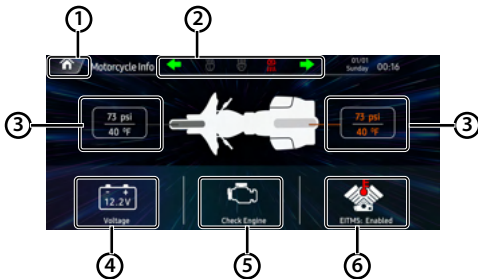
This function is intended solely to assist the rider know the Motorcycle status. It does not detect all warnings .

NOTE:

This function is only available for motorcycles equipped with an **iDataLink Maestro** box.

Motorcycle Info:

Tap the Motorcycle Info on the main menu, will display below:



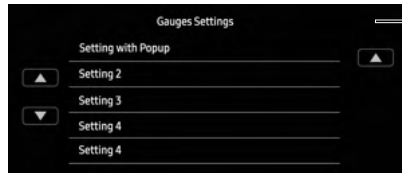
1. Tap to back to home page.
2. 5 signal icons: Turn Left / Highbeam / Lowbeam / Brake / Turn Right .
3. Show TPMS information.
4. Show the Voltage information.
5. Show the Motorcycle Engine status.
6. Show the EITMS status.

Gauges:

Tap the Gauges icon on the main menu, will display below:



Note: You can define the Gauge function as you required.



Displaying detection Motorcycle information list:

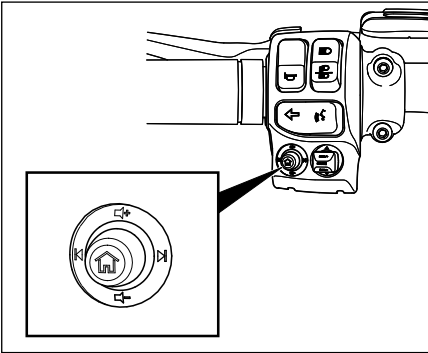
1. **Fuel low** (fuel level warning: 15%)
2. **OIL pressure low**(less than 10psi)
3. **Engine Temperature high**
【 Higher than 280°F degree (138° C)】
4. **TPMS low** [Front: 32psi (223KPA)
Rear: 36psi (248KPA)】
5. **Battery level warning:** (Less than 12v)

Once Dismiss, the top icon will flush, until the problem solve.

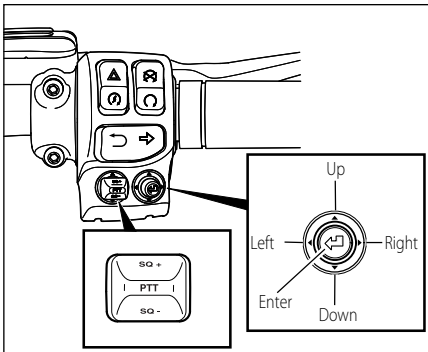
Handlebar control the headunit:

When programme the idata module box, you can definite the handlebar key's function one by one. And you can use the rocker button to make the left/right /up /down cursor to operate every page.

Left HandControl



RightHandControls



Cursor



Cursor



Camera View

For connecting a camera.

Displaying the picture from the Camera

The camera view screen is displayed when you enter the Camra in.

Note:

V2 can support 720p high resolution camera in.

Specification

GENERAL

Power Requirement:	DC 10 - 16Volts,
Power Requirement:	Negative ground
Current Drain:	15A (Max.)
RMS Power Output:	- Typ 4 x 30 W /4 Ω @ 14.4 V, 1 kHz THD = 10%
	- Typ 4 x 25 W /4 Ω @ 14.4 V, 1 kHz THD = 1%
	- Typ 4 x 50 W/2 Ω @ 14.4 V 1 kHz THD = 10 %

Speaker Impedance:	2- or 4-Ohm Load
Frequency Response:	20Hz ~20KHz
Operating temperature:	-20~60 C
Dimensions:	230mm(W) x 210mm(D)x 140mm(H)

TFT Display

TFT Screen size:	8.3 – Inch TFT/LCD
Resolution	1256x536 pixels

FM RADIO SECTION

Frequency Range	87.5 – 107.9 MHz (America) 87.5 – 108 MHz (Europe)
Usabe Sensitivity (S/N=30dB)	≤ 15 dB
S/N Ratio:	≥ 55 dB
Stereo Separation	≥ 30 dB

AM RADIO SECTION

Frequency Range	(America) 530 – 1710 KHz (Europe) 522 – 1620 KHz
Usabe Sensitivity (S/N=20dB)	≤ 40 dB
S/N Ratio:	≥ 45 dB

Line-out / Subwoofer Output

Maximum Output Leve (10K ohms load):	≥ 4 V RMS
Subwoofer Time Align	0~ 18ms

Trouble Shooting

Problem	Cause	Correct action
No Power, Dead.	Check fuse	Replace fuse
	Incorrect wiring	Consult your Local Specialist: www.MotorcycleAudio.com/Specialist-Locator
No sound output when operating the unit with amplifiers or power antenna attached.	Power antenna lead is shorted to ground excessive current is required or remote on the amplifiers or power antenna	<ol style="list-style-type: none"> 1. Turn off the unit. 2. Remove all wires attached to the power antenna lead. Check each wire for a possible short to the ground using an ohm meter. 3. Turn on the unit. 4. Reconnect each amplifier remotewire to the power antenna lead one by one. If the amplifiers turn off before all wires are attached, use an external replay to provide remote-on voltage (excessive current required)
Poor performance of radiostation	Weak signal	Move the Motorcycle to another place, then try again
No Sound or Audio	Volume is in minimum.	Adjust volume to the desired level.
	The wiring is not properly connected	Check wiring connection.

FCC Notes

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following **measures:**

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

www.MotorcycleAudio.com

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