

Modus



USER MANUAL AIM-10 | 10.1" Modular Head Unit - 8 Channel - 1920 x 1080 High Resolution Display





Welcome to Modus.

You've chosen precision performance that works seamlessly in the background of every adventure. These instructions will help you unlock your system's full potential.

Take a moment to review these guidelines, then keep this guide handy for future reference.

Your journey starts now.

If you have any technical questions, please contact:

Customer care: 805-790-7383

Online support: <https://support.modusglobal.com>

Complete the information below and keep for your records.

Model	
Serial Number	
Date of Purchase	

Serial number is located on the packaging and the top of the product chassis.

Table of Contents

Important Information 4

About this Manual	4
Operation Warnings	4
Installation Warnings	4
Screen Care	5
Notice	5

Basic Operation 6

What Comes in the Box	6
Control Panel	7
Home Screen Description	8

HD Radio™ Reception 9

HD Radio Reception Screen	9
HD Radio Features Introduction	9
Tune to a Radio Station	9
Select Main and Sub-channels	9
Search by Program Type	10
Search via Frequency Input	10
Preset a Radio Station	10
Auto Store Radio Stations	10
FM Local and Distant	10
Adjust Search Sensitivity	10
Turn on/off HD Radio Reception	10
Turn on/off Album Art Picture	10

SiriusXM® Radio 11

Preparation	11
SiriusXM Home Screen	11
Select a Channel	12
Preset a Channel	12
Replay	12
Parental Control	12

Apple CarPlay 13

Apple CarPlay Introduction	13
Wired Connection	13
Wireless Connection	13
Arrange your CarPlay Apps	14
Disable CarPlay Apps	14

Android Auto 15

Android Auto Introduction	15
Wired Connection	15
Wireless Connection	15

Bluetooth 16

First Time Connection	16
Connect Two Devices Simultaneously	16
Switch between Bluetooth and CarPlay/ Android Auto	16
Audio Streaming	16
Make a Call	17

Operation During a Call	17
Call Volume Setting	17

USB 18

USB Playback	18
Browse USB for Media Files	18
Audio Playback	18
Video Playback	18
Photo Slideshow with Music	18

iDatalink/Maestro 19

Maestro Setup	19
Vehicle Information	19
Performance Gauges	19
Off-Road Information	19
Tire Alignment	19
Parking Assist	20
Climate Control	20
Change Settings	20

Audio/Video Input 21

Playback via HDMI	21
Playback via Analog AV	21

Four-Camera System 22

Manual Camera Trigger	22
Automatic Camera Trigger	22

Table of Contents

Accessory Controls 23

Accessory Control Setup	23
Turn on/off Accessory Control.....	23

Optical Audio Output 23

Audio Output via Optical	23
--------------------------------	----

Sound Settings 24

Source Volume Controls.....	24
Volume Balance Setting	24
Subwoofer Control.....	24
Loudness Control	24
Optical Output Control.....	24
Tone Bypass.....	24
Reset Audio to Factory Settings.....	24
Customization of a Source Volume.....	24
Customized EQ Setting	25
Crossover Frequency Setting	25
Time Alignment Setting	25
Preset EQ Selection	25

General Settings 26

Key Tone and Language Setting.....	26
Set Date and Time Automatically.....	26
Set Date and Time Manually.....	26
Change Menu Bar Position.....	26
Firmware Version Information.....	26
Firmware Update.....	26

Reset the Unit.....	26
---------------------	----

Display Settings 27

Screen Brightness	27
Panel Button Light Setting	27
Theme Color Setting	27

Camera Settings 28

Camera Trigger Control	28
Backup Camera Sound.....	28

Bluetooth/Wi-Fi Settings 28

Advanced Options 29

Steering Wheel Controls (SWC)	29
Camera Viewing Control.....	29
Change Camera Icon	29

Unit Installation 30

Unit Assembly.....	30
Detach the Display.....	31
Mounting in Dash.....	31
Adjust Positioning of the Display	32
Display Mounting Dimensions	33

Connections 34

Power/ Parking Brake Wiring.....	34
Speaker Wiring	35
SWC and Camera Trigger Wiring.....	36

Pre-amp Audio Output Wiring	37
AV Input and Camera Wiring	38
Maestro and Accessory Controls Wiring.....	39
USB/SXM/GPS/HDMI/Optical/HD Camera Wiring	40
Hands-Free Mic Installation	41

Troubleshooting 42

Specifications 44

Notice 45

FCC Compliance Statement.....	45
ISED Canada compliance statement.....	45

Important Information

About this Manual

To understand how to properly use this product, it is recommended to read this user manual in its entirety, and keep it in a safe place for future reference.

This manual uses illustrations to show you how to use this product safely and alert you to potential dangers resulting from improper connections and operation. It is important to fully understand the meaning of each one of these illustrations in order to use this manual and system properly.



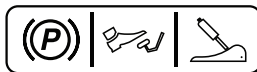
The **WARNING** illustration denotes very important instructions. Failure to follow them can result in damage to equipment, serious injury or death.



The **CAUTION** illustration denotes important instructions. Failure to follow them can result in injury or material property damage.



The **IMPORTANT NOTE** illustration denotes important instructions for product features and limitations. Failure to follow them will result in product misuse and/or unexpected behavior.



The **PARKING BRAKE** illustration denotes features that can only be used with vehicle not in motion and parking brake engaged. Failure to follow them will result in product misuse and/or unexpected behavior.

Operation Warnings



OPERATION OF THIS PRODUCT WHILE DRIVING IS DANGEROUS.

Users should come to a complete stop and in a safe location before using any feature that requires extended periods of time.

PAY ATTENTION TO ROAD CONDITIONS.

Avoid operating product under dangerous road conditions and abide by regulations over information contained on the map display. Follow traffic restrictions and circumstances while driving.

Familiarize yourself with your local and state laws regarding mobile devices. Certain functions of the mobile phones might be prohibited and or illegal while driving in your location.

OPERATE AT SAFE VOLUME LEVELS.

Excessive volume levels may obstruct sounds such as emergency vehicle sirens or road warning signals; can be dangerous and may result in an accident. Listening at high volume levels can also cause hearing damage.

DO NOT WATCH VIDEO WHILE DRIVING.

Watching video content may distract the driver from looking ahead of the vehicle and can potentially cause an accident.

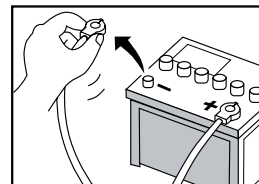
Installation Warnings

CERTIFIED PROFESSIONAL INSTALLATION.

Installation and service repair of this product by anyone without professional training and experience in consumer electronics and mobile vehicle accessories may be dangerous and result in electric shock, injury or other hazards.

DISCONNECT BATTERY.

To avoid potential shorts in the electrical system, be sure to disconnect the **NEGATIVE (-)** terminal cable before beginning this product installation. Failure to do so may result in electric shock, fire, damage to product and/or property damage.

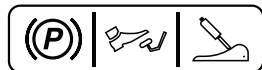


Important Information

DO NOT DISASSEMBLE OR ALTER PRODUCT.
Disassembly of product may result in an accident, fire or electric shock.

REPLACE FUSE WITH THE CORRECT RATING.
Failure to do so may result in fire or property damage.

PARKING BRAKE INSTALLATION WIRING.
Installing this product incorrectly may enable the user to watch video while driving. This may cause distraction, preventing the driver to focus on the road and potentially cause an accident. The driver and passengers can be severely injured.



Screen Care

USE

This head unit utilizes a Capacitive Touchscreen, the same type that is used on high-end mobile devices. It should be used for and cared for like that type of device. As with all capacitive type technology, if your fingers are wet or sweaty, it will not function properly.

Do not allow any sharp objects to come in contact with the screen.

CLEANING

To clean the screen, use a dry or slightly damp micro fiber type cloth to clean. Do not use ammonia, window cleaner, or any other type of household chemicals to clean the screen.

Abrasives should never be used.
Best to clean the screen when the unit is powered off, cool and not in direct sunlight.

Notice



Apple CarPlay is a trademark of Apple Inc. iPhone® is a trademark of Apple Inc., registered in the U.S. and other countries. Use of the Apple CarPlay logo means that this user interface meets Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this product with iPhone may affect wireless performance.



Android Auto is a trademark of Google LLC.



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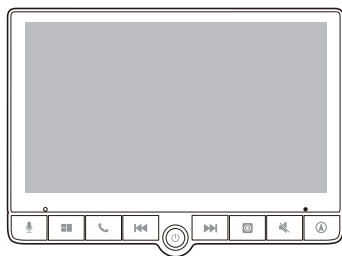


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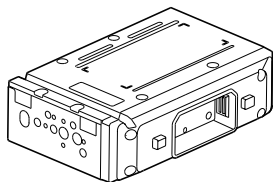
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Basic Operation

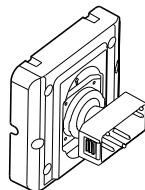
What Comes in the Box



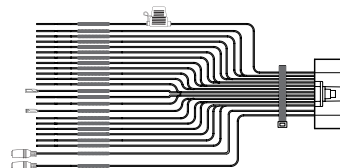
Display



Main unit



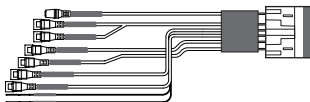
Display mount



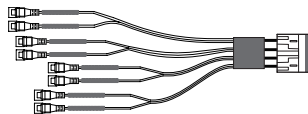
Main/Power harness



Display power cable



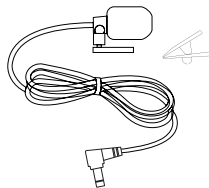
AV cable harness



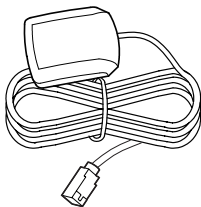
Pre-amp out cable harness



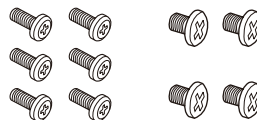
Data link wire harness



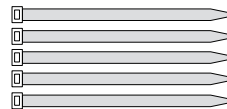
Microphone with 3.5mm plug +
sponge cover + sticky stand + clip



GPS antenna (used for driving
direction and navigation)



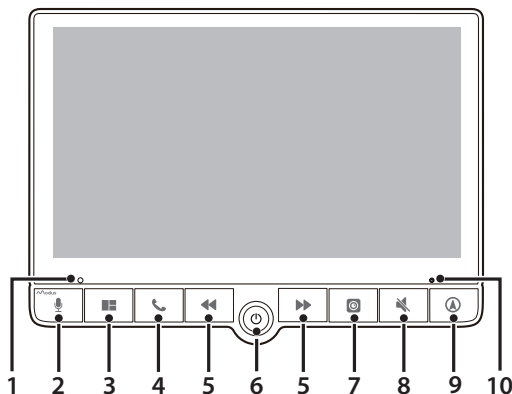
6x Screws (M4 x 10mm)
4x Screws (M5 x 8mm)



5x Cable ties

Basic Operation

Control Panel



Tips:

To turn the screen off when powered on, press and hold ■ on the front panel.

When the unit is powered off, touch the screen to turn on or off time/date display.

Quick access to individual volume controls

Press or rotate the volume knob (6) to access individual volume adjustment for media, phone call, voice assistance, navigation and ring tone. (P.24)

1 Built-in microphone

Input sound when using voice assistant or making a phone call.

The built-in microphone works only when the external microphone is not installed.

2 (Voice assistant)

Press to activate voice assistant.

Enable Apple CarPlay or Android Auto to use voice assistant.

3 (Home)

- Press to return to the home menu, or switch between home menu and CarPlay/Android Auto (if enabled).
- When powered on, press and hold to turn the screen off.

4 (Phone)

Quick access to phone call interface, or access to device connection settings if no device is connected.

5 ◀/▶ (Next/Previous)

- During media playback, press to skip to the next/previous media file.
- In FM/AM source, press and hold to tune to a radio station; press to select HD Radio main channel or a sub-channel if receiving HD Radio signal.

6 (Power/Volume)

- Press to power on the unit.
- Press and hold to power off the unit.
- Rotate to adjust volume.
- When powered on, press to mute or restore the volume.

7 (Camera)

Quick access to camera view.

8 (Audio)

Mute or restore the volume.

9 (Navigation)

Quick access to navigation app. Enable Apple CarPlay or Android Auto to use the navigation.

10 Reset button

Use a needle or pin to press the button. Reset the unit if the unit fails to function normally.

Basic Operation

Home Screen Description

Apps window

Select a source or settings option (swipe left/right to access more options).

Clock window

Touch the clock image to access the clock settings; touch the top left icon (📷) to display clock on full screen.

Phone/CarPlay/Android Auto window

- Access device connection settings (If no device is connected).
- Display Bluetooth phone call interface (If Bluetooth is connected).
- Display CarPlay/Android Auto icon (If enabled) and touch the icon to switch to CarPlay/Android Auto.

Accessory control window

Display vehicle's accessory control buttons for On/Off switch, if vehicle's accessory controls are set. (P.23)

Touch the top left icon (⚙️) to access the control settings.

Maestro features window

Touch the top left icon (🕒) to access visual display of vehicle features, if an Maestro device is connected. (P.19)



Radio/Media playback window

- Display controls for radio broadcast or media playback.
- Access the radio broadcast or media playback screen.

Expand a Window Size

Touch once or twice the 📐 icon in the Apps or Radio/Media window to expand the window larger or largest, touch the icon third time to shrink the window back to normal size.

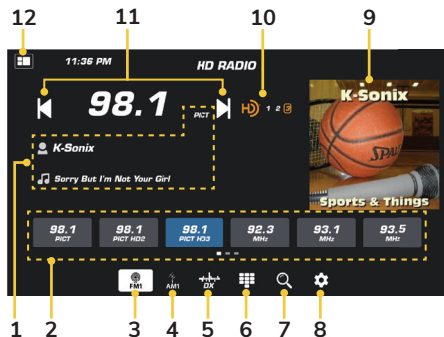
Re-position a Window

Touch and hold a window then drag it to another window position, then two window positions will swap. Repeat the step to further adjust window position.

HD Radio™ Reception

Using HD Radio Features

HD Radio Reception Screen



- 1 Program data service display zone: Display station name, program type, artist/song name when broadcasting an HD Radio station.
- 2 Select a preset station. Touch and hold to save the current station as a preset. Swipe to access more store stations.
- 3 Switch between FM1, FM2 and FM3 radio.
- 4 Switch between AM1, AM2 and AM3 radio.
- 5 Switch between local and distant station reception (only applicable to FM).
- 6 Search for a radio station by frequency input.
- 7 Preview each scanned station for 10 seconds.
- 8 Access HD Radio reception settings.
- 9 Album art picture (Artist Experience): Displayed only if the current station supports the service.

- 10 HD logo: Displayed when receiving an FM/AM station with HD Radio signal. Main channel ("1") and sub-channels (e.g. "2" and "3") indicators when receiving HD Radio signal.
- 11 Touch and hold to tune to a radio station. Touch to adjust radio frequency step by step, or if available, switch between main channel and sub-channels of the HD Radio station
- 12 Return to the home screen.

HD Radio Features Introduction



HD Radio Technology transmits digital signals using the traditional FM and AM stations, providing the following key features:

Program Info

Program Info: Contributes to the superior user experience of HD Radio Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.

HD2/HD3

Adjacent to traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.

Digital Sound

Digital, CD-quality sound. HD Radio Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.

Artist Experience

Visual information related to content being played on your HD Radio receiver, such as Album Art, historical photographs, still art from live broadcasts, among other related content.

Visit www.hdradio.com for more about HD Radio stations in your area.

Tune to a Radio Station

Touch and hold **⏮** or **⏭** to tune to a station.

If HD Radio signal is received, HD logo is displayed, and its sub-channels (e.g. "2" and "3") are also displayed adjacent to "1" (main channel).

Select Main and Sub-channels

Many HD Radio stations add sub-channels (e.g. HD2 and HD3) adjacent to the main channel (HD1). The main channel makes digital-analog transmission, and the sub-channels transmit digital signals only.

When sub-channels (e.g. "2" or "3") are displayed, touch **⏮** or **⏭** to select a sub-channel or main channel ("1").

HD Radio™ Reception

Using HD Radio Features

Search by Program Type

You can search for radio stations via a program type (e.g. news, sports, talk or music).

Touch  on the bottom screen to access HD Radio reception settings, then **[Search by Genre]** to select a program type for searching.

Search via Frequency Input

Touch  on the screen to display a numeric keypad. Input a station frequency to find your station.

Preset a Radio Station

Touch and hold a channel button on the screen. The current station will be stored as a preset.

Auto Store Radio Stations

Touch  on the bottom screen to access HD Radio reception settings, then **[Auto Presets]** to activate FM or AM station searching. Up to 18 FM or 12 AM stations will be stored.

FM Local and Distant

Touch **"DX"** or **"LOC"** on the screen to select local or distant station reception. "LOC" indicates local reception, "DX" for distant reception.

Select **"DX"** when most FM stations are weak (e.g. in the countryside). Stations with both strong and weak signals will be received.

Select **"LOC"** when most FM stations are strong enough (e.g. in urban areas). Only the stations with strong signal will be received.

Adjust Search Sensitivity

Touch  on the bottom screen to access HD Radio reception settings, then **[Receiver Sensitivity Boost]** to adjust search sensitivity levels.

High sensitivity receives most radio channels containing most weak channels. Med/Low sensitivity level receives fewer channels. Select **[Off]** to receive the only channels with the strongest signals.

Turn on/off HD Radio Reception

Touch  on the bottom screen to access HD Radio reception settings, then **[HD Radio™ Features]** for On or Off.

When enabled, the unit will first tune to the station's digital signal, or fall back to the station's analog signal if digital reception is lost.

When disabled, the unit will tune to analog-only radio stations.

If you want to receive a radio station without HD Radio signal or the digital reception is poor, disable HD Radio reception.

Turn on/off Album Art Picture

Touch  on the bottom screen to access HD Radio reception settings, then **[Artist Experience]** for On or Off.

Enabled to turn on display of images (album art) related to a specific program, or station logos.

Using SiriusXM Radio

SiriusXM brings you ultimate entertainment.

- Hits before they hit.
- Late game comebacks.
- Exclusive celebrity visits.
- Listen in your car, or on your mobile and home devices with the SiriusXM App.

For more information, visit siriusxm.com.

Preparation

1. Connect a SiriusXM-Connect Vehicle Tuner (not included) to the SiriusXM-Ready® connector on the back of this unit. (P.40)

After installing your SiriusXM Vehicle Tuner and antenna, power on the head unit and select SiriusXM mode. Make sure you have a clear view of the sky and then you should be able to hear the SiriusXM preview channel 1. If you cannot hear the preview channel, please check the installation instructions to make sure your SiriusXM Vehicle tuner is properly installed.

2. Check your Radio ID for activation.

The SiriusXM Radio ID is required for activation and can be found by tuning to Channel 0 as well as by looking on the label found on the SiriusXM Vehicle Tuner and its packaging.

- The Radio ID does not include the letters I, O, S or F.

3. Activate the subscription.

For users in the U.S.A.:

Visit www.siriusxm.com/activatenow, or call SiriusXM Listener Care at 1-866-635-2349

For users in Canada:

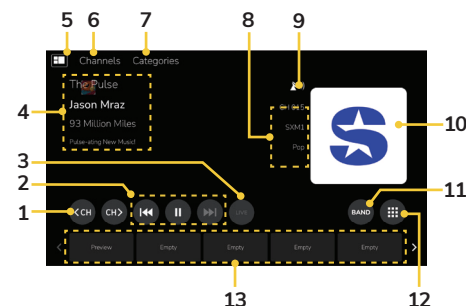
Visit www.siriusxm.ca/activate, or call SiriusXM Customer Care at 1-888-539-7474

4. Confirm the activation.

As part of the activation process, the SiriusXM satellites will send an activation message to your SiriusXM Vehicle Tuner. When your head unit detects that the Tuner has received the activation message, your head unit 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 head unit will need to be powered on and receive the SiriusXM signal to obtain the activation message.

SiriusXM Home Screen



- 1 Select the previous/next channel.
- 2 Playback control buttons to pause, rewind and replay live satellite radio.
- 3 Return to live music or content.
- 4 Display channel name, song title, artist name, and content info (if available).
- 5 Return to the home menu.
- 6 Access the channel list to select a channel.
- 7 Access the category list to select a channel.
- 8 Display information of the current channel.
- 9 SiriusXM signal strength indicator.
- 10 Album Art: Display the image that represents the current music channel. When Album art image is not available, the channel logo or SiriusXM logo will be displayed.

Using SiriusXM Radio

Compatible with SXV200 or later (SiriusXM Vehicle Tuner). Not all music channels contain album art images.

1. Select SXM1, SXM2 or SXM3 band.
2. Search a channel by input of channel number, or access the parental control settings.
3. Select a stored channel; touch and hold to preset the current channel.
Channel Logos: Display SiriusXM channel logos to allow for a graphical representation of the current channel identifier.

Select a Channel

You can select a channel via one of the followings.

- Touch **CH** < > to select the previous or next channel.
- Touch **[Channels]** to access the channel lists. Find a channel by channel number, artist name, song title, or content info.
- Touch **[Categories]** to access the category lists. Find a channel via category name.
- Touch  to display the numeric keypad. Input a channel number.
- Touch a channel button at the bottom of the home screen to select a preset channel.

Preset a Channel

1. Touch **BAND** to select **SXM1**, **SXM2**, or **SXM3**. Each SXM band can store six channels.
2. Touch and hold a channel button at the bottom of the home screen. The current channel will be stored as a preset. Repeat the step to preset more channels.

Replay

The replay feature allows you to pause, rewind and replay live SiriusXM satellite radio programming.

- To skip to the previous or next track, touch  .
- To rewind or fast forward, touch and hold  .
- To play or pause, touch  or .
- To return to live content, touch **LIVE**.

Parental Control

This feature allows you to restrict access to SiriusXM channels with mature content. A password is required to tune to the locked channels.

1. Touch  on the screen to display the **[Parental Controls]** option.
2. Touch **[Parental Controls]** to access the parental controls settings, and touch **[Lock Mature Channels]**. A numeric keypad is displayed.
3. Input 4-digit password (1234 as default) on the numeric keypad. All the channels with mature content will be locked.

Change Password

You can change the password for the parental control.

From the SiriusXM home screen, touch 
> **[Parental Controls]** > **[Set Lock Code]**, enter your current 4-digit password (1234 as default), then enter your new password.

Apple CarPlay

Using CarPlay

Apple CarPlay Introduction

CarPlay provides a smarter, safer way to use your iPhone while driving. The apps on your iPhone can be loaded and displayed on the screen of this unit. Thus, you can navigate, call, control your music and so more with hands-free control on your mobile phone.

For more details about Apple CarPlay, visit <https://www.apple.com/ios/carplay>.

Compatible iPhones

CarPlay works with iPhone 5 and all the way up to the most recent versions.

Wired Connection

To enable CarPlay connection, connect your iPhone to the unit's **USB C 3.0** port (not **2.0** or **USB A** port), using an Apple-certified USB cable with factory length or shorter (not included).(P.40)

Before the initial connection, enable Wi-Fi and Bluetooth on your iPhone. You will be prompted to enable wireless CarPlay on your iPhone during initial connection.

Wireless Connection

For first-time use of wireless CarPlay, you need to enable wireless CarPlay use on your iPhone via either of the following pairing.

- On your iPhone, enable Wi-Fi, and access **Settings > Bluetooth** then select "**AIM-10**" for Bluetooth pairing.

When prompted on your iPhone, make sure to enable wireless CarPlay use .

When connection options are prompted on the unit's screen, select "**Apple CarPlay**" for connection.

- Initial wired connection to enable wireless CarPlay use on your iPhone.



IMPORTANT NOTE

If you do not allow wireless CarPlay use on your iPhone during initial pairing, wireless CarPlay will be disabled on your iPhone. To use wireless CarPlay later, you need to manually enable CarPlay on your iPhone (access **Settings > General > CarPlay > paired device** then enable CarPlay).

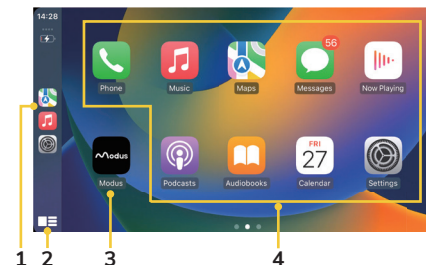
Enabling CarPlay will disable Bluetooth connection and vice versa.

Switch between CarPlay and Bluetooth

From the Apps window on the home screen, select  (**BT PHONE**) to access the Device Connection List.

Touch  to disconnect the current connection, and touch  to re-connect, then select CarPlay or Bluetooth for connection when connection options are prompted on the unit's screen.

CarPlay Home Menu Description



- 1 Menu bar:** Touch an app icon for quick access.
- 2 CarPlay home button:** Return to the CarPlay home screen.
- 3 Unit's home button:** Exit the CarPlay screen and return to the unit's home menu.
- 4 Apps loaded from the iPhone.**

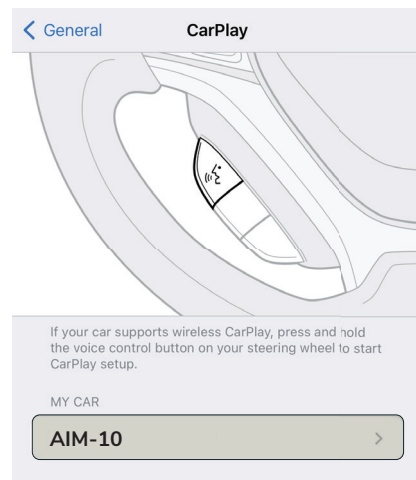
Apple CarPlay

Using CarPlay

Arrange your CarPlay Apps

You can add, remove, or arrange the order of the apps on the CarPlay screen of the unit.

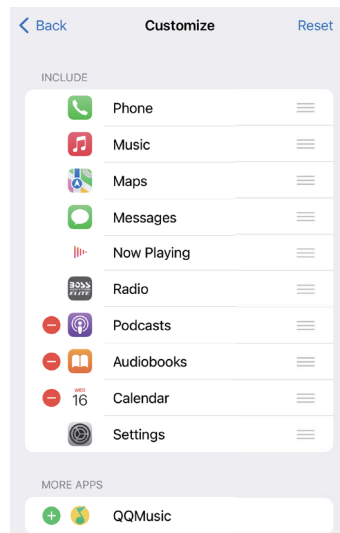
1. On your iPhone, go to **Settings > General > CarPlay**, select this unit's name from the device list (shown below). Then select **Customize** to access CarPlay apps.



2. Touch and drag an app (≡) to change the order of the app.

Touch  or  to remove and add apps.

Only apps with  or  can be removed from CarPlay or added in CarPlay.



Disable CarPlay Apps

You can disable all CarPlay apps to restrict CarPlay use on this unit.

On your iPhone, go to **Settings > Screen Time > Contents & Privacy Restrictions > Allowed Apps > CarPlay**.

