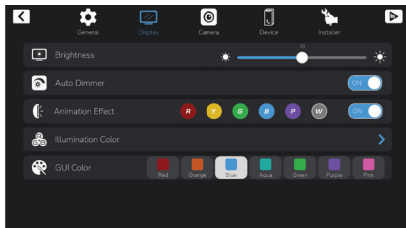


System Settings

Display Settings

From the Apps window on the home screen, select  (SETTINGS) > [Display] to access the display settings screen.



Screen Brightness

[**Brightness**]: Adjust screen brightness.

[**Auto Dimmer**]: When enabled and the vehicle light is turned on, the screen brightness and panel button light will automatically dim.



IMPORTANT NOTE

To enable night detection and auto dimming, make sure the orange wire (labeled "ILLUMINATION") is connected to your vehicle's parking light. (P.34)

Panel Button Light Setting

[**Animation Effect**]: Enable to automatically cycle the panel button lights through six different colors.

[**Illumination Color**]: Select one of eight preset colors for panel button lights.

Make sure [**Animation Effect**] is disabled to activate the feature.

Customize Button Light Color

Access [**Illumination Color**] to display button lights setting screen.

Use the Color slider to set a color. Use the Color Intensity slider to set color brightness.

Make sure [**Animation Effect**] is disabled to activate the feature.

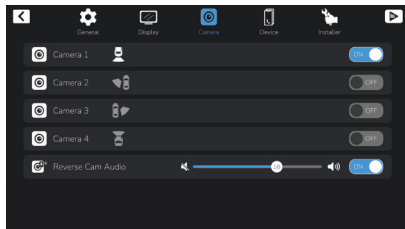
Theme Color Setting

[**GUI Color**]: Select a display color for graphic user interface.

System Settings

Camera Settings

From the Apps window on the home screen, select  (SETTINGS) > [Camera] to access the camera settings screen.



Camera Trigger Control

[Camera 1]/[Camera 2]/[Camera 3]/

[Camera 4]: Enable or disable camera signal input for rear, left, right and front cameras respectively.

Note: The unit supports both CVBS/AHD and HD cameras. Make sure you select a correct camera type to enable your camera output. (P.29)

Backup Camera Sound

[Reverse Cam Audio]: Turn on or off the backup camera sound output, or use the slider to adjust backup camera sound level if your backup camera has a microphone.

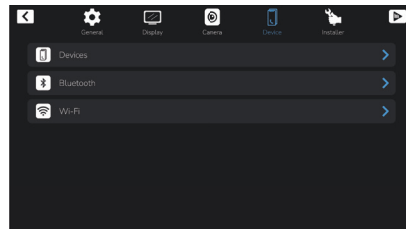
Backup camera inputs and outputs sound only when the vehicle is in reverse.

IMPORTANT NOTE

For automatic rear camera trigger, make sure the purple/white wire (labeled "REVERSE SW") is connected to the reverse light. (P.36)

Bluetooth/Wi-Fi Settings

From the Apps window on the home screen, select  (SETTINGS) > [Device] to access the device settings screen.



[Devices]: Access to connect or disconnect a device for Bluetooth, CarPlay/Android Auto, or switch between Bluetooth and CarPlay/Android use.

[Bluetooth]: Access to enable or disable automatic connection to the paired Bluetooth device when powered on.

[Wi-Fi]: Search and select your Wi-Fi network with internet, then input the password on the pop-up keyboard for connection to internet.

To disconnect the network, touch .

To re-connect the network, touch .

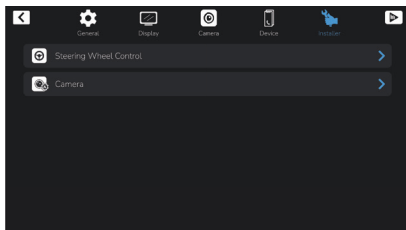
To delete the network, touch .

System Settings

Advanced Options

From the Apps window on the home screen, select **⚙️ [SETTINGS]** > **[Installer]** to access the advanced options.

You need to input the password ("3451") on pop-up keypad when prompted to access **[Installer]**.



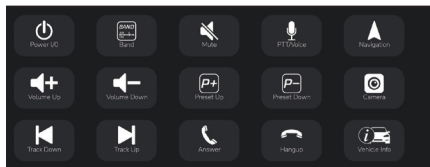
Steering Wheel Controls (SWC)

The unit allows you to retain your steering wheel controls through learning setup or fixed setup.

Option 1: Learning Setup

Go to **[Steering Wheel Control]** to access the function mapping chart if your vehicle does not need a steering wheel interface (not included) for SWC setup connection. (P.36)

The mapping chart shows the functions which can be programmed on your steering wheel buttons.



1. Touch a function from the mapping chart. The function button will be highlighted.
2. Press a button on your steering wheel to set the function. A green dot will appear in the top left corner of the button icon if the mapping is successful.
3. Repeat the steps above to map the other functions.

To clear the mapping, touch the **Reset** button on the mapping chart screen.

i IMPORTANT NOTE

The mapping chart/tool is resistance based, and not compatible with all vehicles.

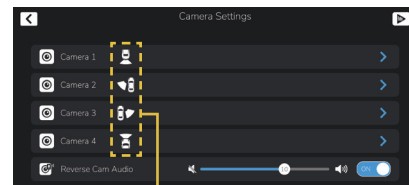
Option 2: Fixed Setup

Use the fixed setup if your vehicle needs a steering wheel interface (not included) for SWC setup connection. (P.36)

Follow the instructions of your steering wheel interface to map the steering wheel controls.

Camera Viewing Control

Go to **[Installer]** > **[Camera]** to access camera viewing control for each camera. Input the password ("3451") on pop-up keypad when prompted to access **[Installer]**.



Camera icons

Touch **>** to access camera viewing control.

[Mirror Image]: When enabled, the camera view will be laterally (left/right) inverted.

Change Camera Icon

For your convenience of recognizing a specific camera location, you can select a pre-defined camera icon.

Touch a camera icon on the camera settings screen (shown above) to access multiple camera icons for selection.

Unit Installation

Dash Mounting



WARNING

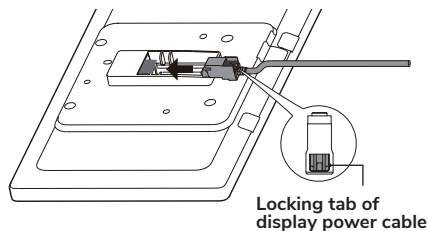
See the section "Installation Warnings".(P.4)

Unit Assembly

The unit comes with a display, display mount and main unit for you to assemble as a whole.

Step 1: Attach the display power cable

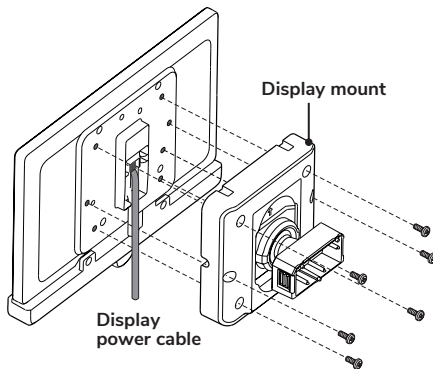
Insert one end of the supplied display power cable to the connector on the back of the display. Fully insert the cable until it clicks.



To detach the cable, hold down the **locking tab** on the cable connector and pull out the cable.

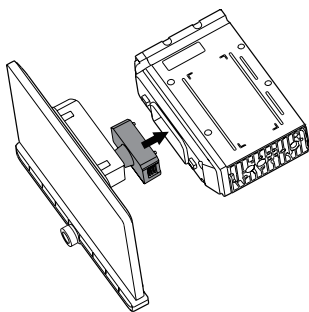
Step 2: Attach the display mount

Correctly orient the display mount (illustrated next), then fix the display mount to the back of the display using the six supplied screws (M4 x 10 mm)



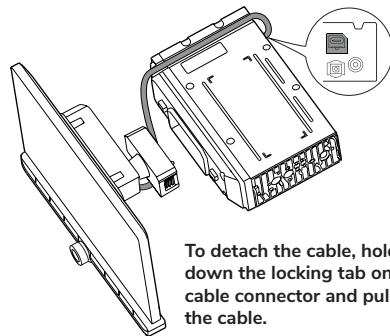
Step 3: Attach the display

Insert the display (with the mount) into the main unit until it clicks.



Step 4: Set display power cable ready

To complete the display power cable setup, insert the other end of the display power cable to the unit's rear top right connector.



To detach the cable, hold down the **locking tab** on the cable connector and pull out the cable.

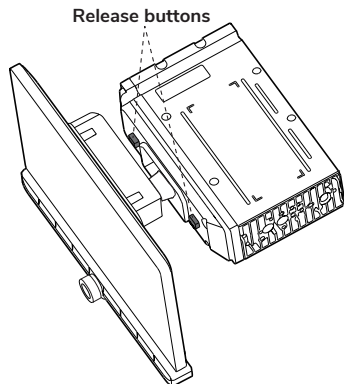
Note: complete this step only when other wirings are being made.

Unit Installation

Dash Mounting

Detach the Display

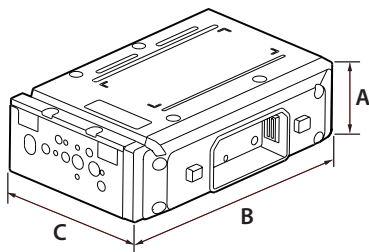
Hold down two release buttons to unlock the display and pull it out.



Mounting in Dash

This unit is designed to be a universal single DIN head unit which fits a standard single DIN opening in a vehicle.

Chassis Mounting Dimensions



A x B (Mounting hole): 1.97" x 7.01" (50 x 178 mm)

C (Depth): 4.21" (107 mm)



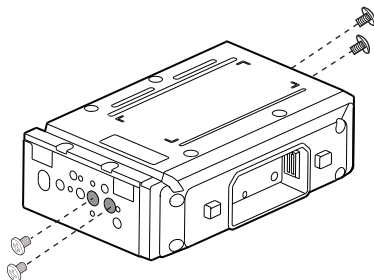
IMPORTANT NOTE

Before you mount the unit into the dash, complete the wiring connection (P. 34 to 41).

Secure the Unit

Access the factory radio opening, and place the unit in the opening then secure the unit as follows:

Using the four supplied screws (M5 x 8mm), fasten two factory brackets on both sides of the unit to secure the unit.



Unit Installation

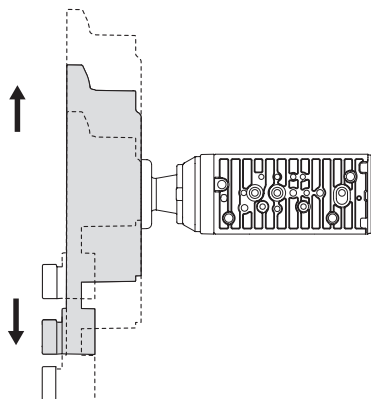
Display Positioning

Adjust Positioning of the Display

Adjust the display angle so that your view is clear and it does not impair your driving.

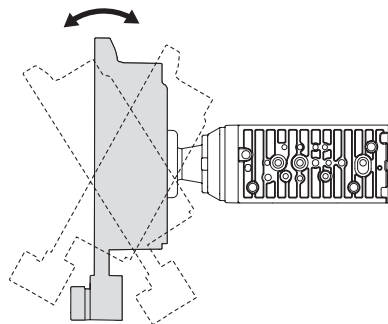
Adjust the Display Height

Hold the display then slide it up or down to adjust the height.



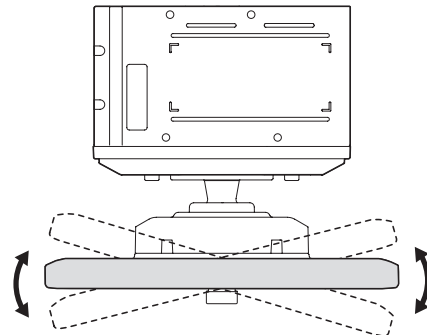
Tilt the Display Up and Down

The display can be vertically tilted by 25 degrees.



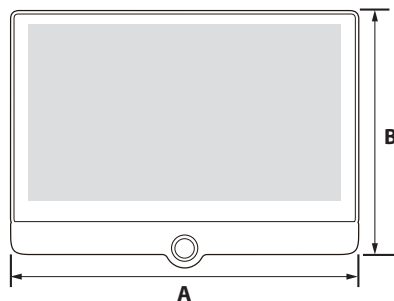
Tilt the Display Left and Right

The display can be horizontally tilted by 15 degrees.

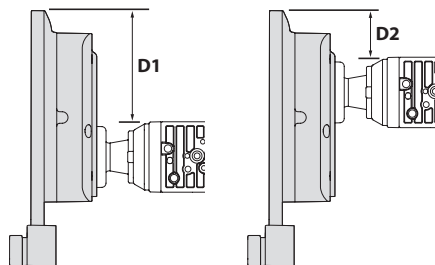


Unit Installation

Display Mounting Dimensions

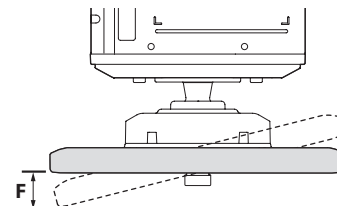


A: 9.65" (245 mm) B: 6.77" (172 mm)

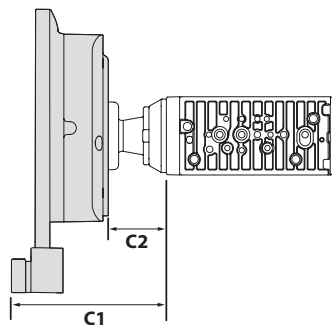


D1 (at highest position): 2.72" (69 mm)

D2 (at lowest position): 1.4" (35.6 mm)

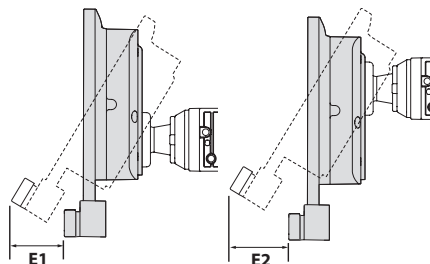


F (with maximum tilting angle): 0.95" (24.1 mm)



C1: 3.83" (97.4 mm)

C2: 1.57" (40 mm)



E1 (with maximum tilting angle at highest position): 1.25" (31.7 mm)

E2 (with maximum tilting angle at lowest position): 1.81" (46 mm)

Connections

Power/ Parking Brake Wiring

⚠ WARNING

See the section "Installation Warnings". (P.4)

Unused input/output wires need to be insulated with tape, heat shrink, or crimp connectors.

Never use wire nuts.

Always replace the faulty fuse with the same type and rating (15A).

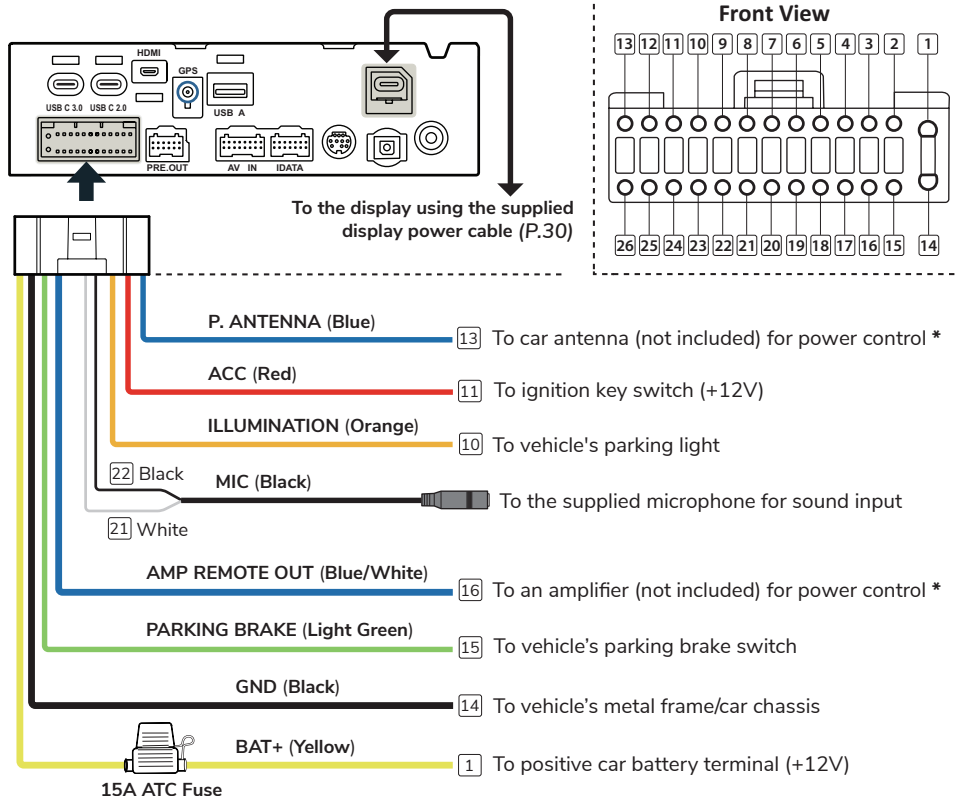
Improper connection or use of the parking brake switch wire (e.g. defeating the safety feature) violates Federal, State, and Local laws. This may lead to injury, property damage, and/or death

i IMPORTANT NOTE

"PARKING BRAKE" wire (Light green) must be connected to the vehicle's parking brake switch to enable video and photo playback.

"ILLUMINATION" wire (Orange) must be connected to the parking light for night detection to auto dim the screen.

* Power output is max. 500mA, 12V. It is recommended to use a relay if additional power is required.



Connections

Speaker Wiring

CAUTION

Do not chassis ground any speaker wire leads.

Only use 4-8 Ω speakers.

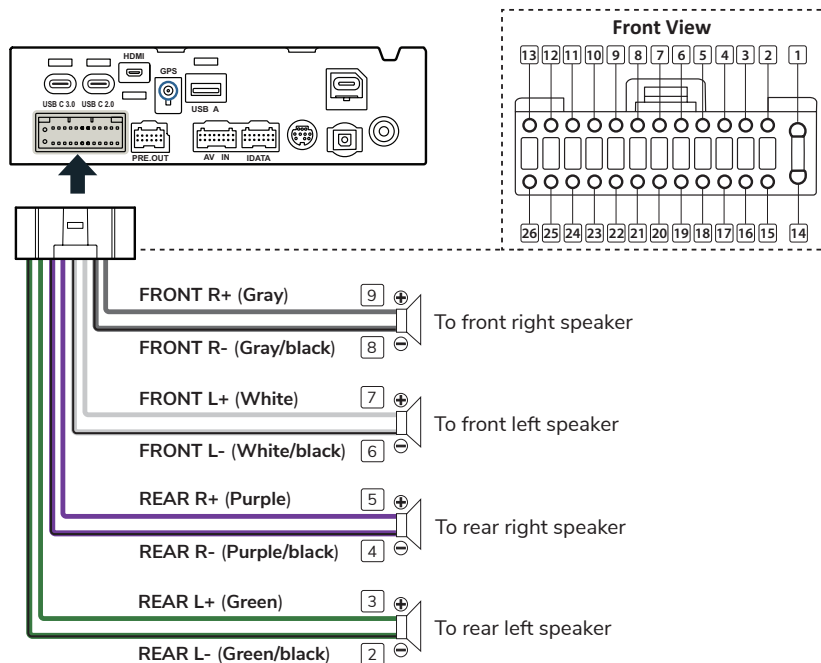
DO NOT use 1-3 Ω speakers.

Do not bridge any of the channels. They are only to be wired in stereo mode.

IMPORTANT NOTE

Unused speaker wires need to be insulated with tape, heat shrink, or crimp connectors to avoid damage to the unit. **Never use wire nuts.**

Double check speaker polarity when making connections.



Connections

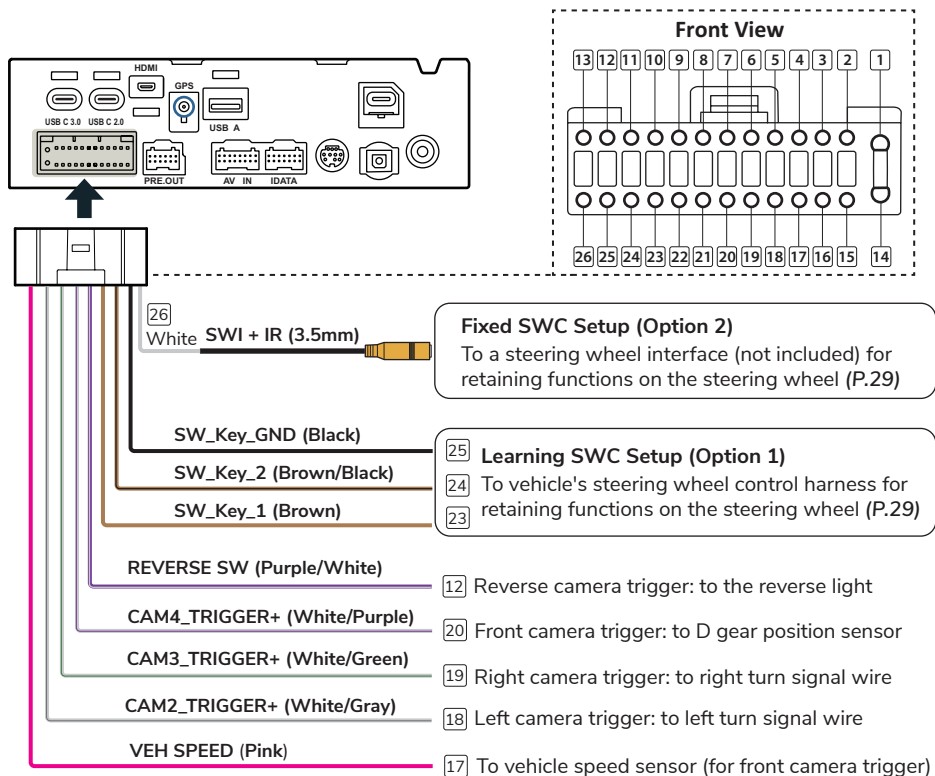
Steering Wheel Control and Camera Trigger Wiring

IMPORTANT NOTE

For fixed SWC setup, consult a professional installer for a correct steering wheel interface to match your vehicle and follow the instructions of the steering wheel interface to complete wiring and button programming.

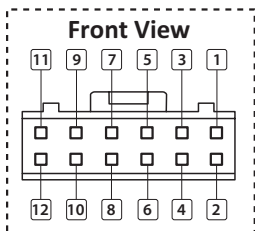
For learning SWC setup, consult a professional installer for wiring to your vehicle's steering wheel control harness and complete button programming described in this manual. (P.29)

Camera trigger wires must be connected to your vehicle so that a camera can automatically trigger (e.g. rear camera trigger when changing the gear to reverse).

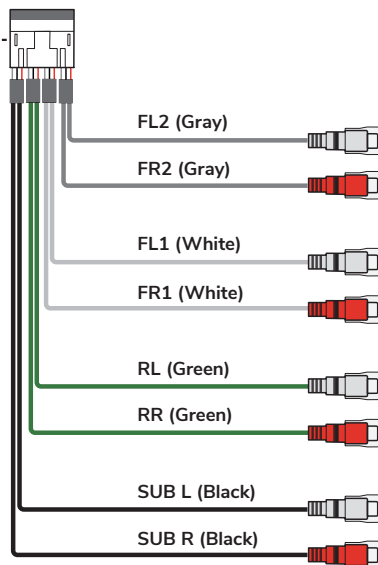
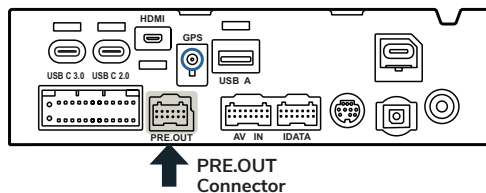


Connections

Pre-amp Audio Output Wiring



No.	Function /Color
1/3	Subwoofer L (White) / GND (Black)
2/3	Subwoofer R (Red) / GND (Black)
4/6	Rear Speaker L (White) / GND (Black)
5/6	Rear Speaker R (Red) / GND (Black)
7/9	Front Speaker 1 L (White) / GND (Black)
8/9	Front Speaker 1 R (Red) / GND (Black)
10/12	Front Speaker 2 L (White) / GND (Black)
11/12	Front Speaker 2 R (Red) / GND (Black)



IMPORTANT NOTE

Subwoofer pre-amp is a non-fading mono output.

Always run signal wires away from power cables to reduce the possibility of noise.

To front RCA audio input on your amplifier using RCA audio cables (not included), white connector for left output, red for right output

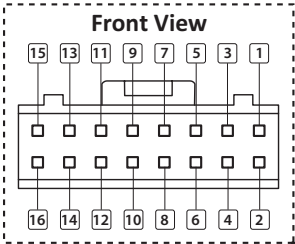
To front RCA audio input on your amplifier using RCA audio cables (not included), white connector for left output, red for right output

To rear RCA audio input on your amplifier using RCA audio cables (not included), white connector for left output, red for right output

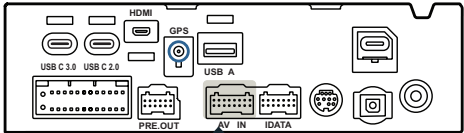
To subwoofer RCA audio input on your amplifier using RCA audio cables (not included), white connector for left output, red for right output

Connections

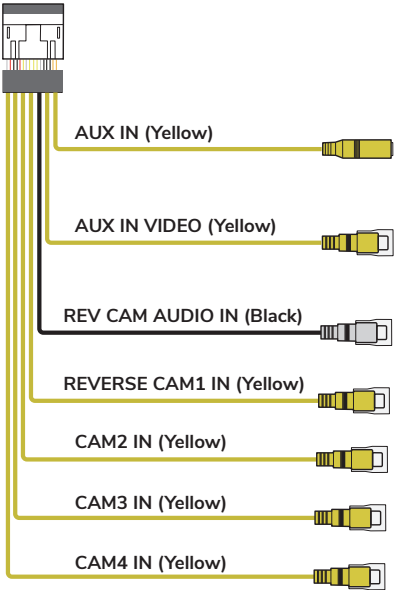
AV Input and Camera Wiring



No.	Function /Color
1/2	Audio In L+ (White) / GND (Black)
3/2	Audio In R+ (Red) / GND (Black)
5/4	AUX_Video In (Red) / GND (Black)
6/4	Cam1_Video In (White) / GND (Black)
7/8	Cam2_Video In (Yellow) / GND (Black)
9/10	Cam3_Video In (Yellow) / GND (Black)
11/12	Cam4_Video In (Yellow) / GND (Black)
13/14	Reverse Audio (White) / GND (Black)



AV IN
Connector



WARNING

Never rely solely on the backup camera. Always check your surroundings before backing up.

Images may appear reversed if your camera is not properly installed or set up.

To audio output on external audio source (e.g. mobile phone or MP3) for audio input, using 3.5mm audio cable (not included) or 3.5mm to USB-C/RCA cable (not included)

To yellow RCA video output on external video source (e.g. DVR) for video input, using RCA cable (not include)

To RCA audio output on your rear camera for audio input (if a microphone exists on the camera)

To RCA plug of the rear camera (1st camera) for video input

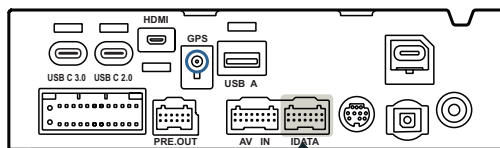
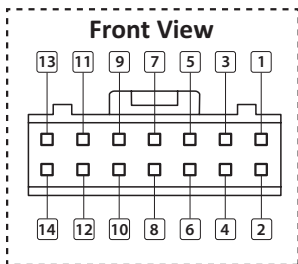
To RCA plug of the 2nd camera (or left camera) for video input

To RCA plug of the 3rd camera (or right camera) for video input

To RCA plug of the 4th camera (or front camera) for video input

Connections

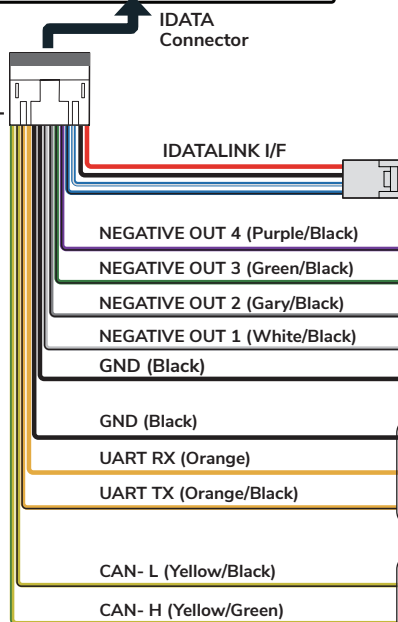
Maestro and Accessory Controls Wiring



IMPORTANT NOTE

We recommend having your Maestro device installed/wired by a certified technician.

No.	Function /Color
1	CAN- H (Yellow/Green)
2	CAN- L (Yellow/Black)
3	UART Singal To RGB lights (Orange/Black)
4	UART Signal From RGB lights (Orange)
5	GND (Black)
6	GND (Black)
7	Negative Output 1 (White/Black)
8	Negative Output 2 (Gray/Black)
9	Negative Output 3 (Green/Black)
10	Negative Output 4 (Purple/Black)
iDatalink Connector	
11	Signal To Unit (Blue/Black)
12	Signal From Unit (Blue/White)
13	GND (Black)
14	Power (Red)



iDatalink Connector

To a Maestro RR device (not included) for Maestro features. Consult a professional installer for wiring.

Accessory Controls Wiring

To vehicle's accessory controls for power on/off control. Consult a professional installer for wiring (200mA output).

RGB Lights Control Wiring

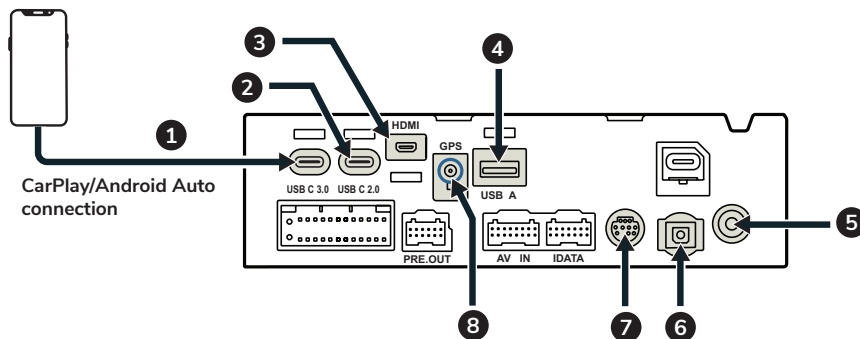
To RGB lights for RGB lights control. Consult a professional installer for wiring.

Headlights Control Wiring

To vehicle's headlights for headlights control. Consult a professional installer for wiring.

Connections

USB/SXM/GPS/HDMI/Optical/HD Camera Wiring



- 1 USB C 3.0 Port:** Using a USB-C cable, connect to your mobile phone for wired CarPlay/Android Auto use, or for charging. USB C 3.0 port provides much faster data speed than USB C 2.0 and USB A port. Use a certified USB C 3.0 cable to ensure faster data speed.
- 2 USB C 2.0 Port:** Using a USB-C cable or USB-C adapter, connect to a USB flash drive for media playback or to a mobile phone for charging.
- 3 Micro HDMI Input:** Using a Micro HDMI cable or Micro HDMI to standard/USB-C/ RCA adapter, connect to a device with HDMI or other AV outputs (e.g. a DVR/dash cam, tablet, or laptop, etc.).
- 4 USB A Port:** Using a USB cable, connect to a USB flash drive for media playback, or to a mobile phone for charging.
- 5 FM/AM Antenna Connector:** Connect to an FM/AM antenna for better radio reception.
- 6 Optical Output:** Using an optical cable, connect to a sound system with optical input (e.g. a soundbar).
- 7 SiriusXM Connector:** Connect to an SiriusXM Vehicle Tuner before you can activate and receive satellite radio. For more information on how to install the SiriusXM Vehicle Tuner, consult the SiriusXM Vehicle Tuner Installation Guide
- 8 GPS Antenna Connector:** Connect to the supplied GPS antenna for driving direction and navigation.

Connections

Hands-Free Mic Installation

The unit comes with a built-in microphone and an external microphone as two alternatives.

The built-in microphone will be disabled if the external microphone is installed.

Follow the instructions below to install the external microphone.

Placement

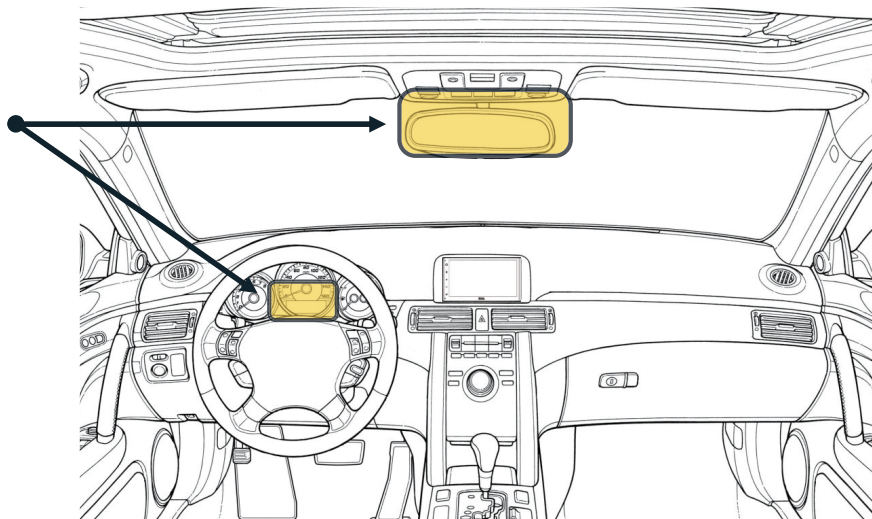
The **Yellow** shaded areas are the recommended locations for best microphone performance.

Items to look for before placement:

- Do not place in front of air vents.
- If the vehicle has tweeters placed on sail panel, do **NOT** locate the microphone on steering column area.
- The front of the microphone must not be blocked.
- Microphone should be firmly attached to mounting location.
- Do not cover the grille openings surrounding the microphone.
- To avoid excessive wind noise, do not place near the sunroof opening.



Run the microphone wire where it will **NOT** impede with the operation of any safety items (e.g. airbags, knee airbags, etc.)



Option 1: Adhesive Mount

1. Attach the microphone to the supplied sticky stand.
2. Remove the backing paper from the microphone stand, then stick the stand on a clean mounting surface.
3. Route and secure the microphone wire properly.

Option 2: Clip Mount

1. Attach the microphone to the supplied clip.
2. Attach the clip to a proper position.
3. Route and secure the microphone wire properly.

Troubleshooting

Important!

If you have checked the points described in the list and the problem persists, turn off the vehicle for ten seconds then turn it back on again. If the problem still persists after restarting the unit, reset the unit by using a small pin to press the reset button on the front panel of the display. If you still have problems after applying suggestions above, please contact our Customer Service for further assistance.

General

No response / Unit not powered on / Bad or incorrect picture quality.

- Restart the unit by turning off the vehicle for ten seconds, then turning the vehicle back on.

No sound from the unit.

- The unit is muted. Adjust the volume.
- Select the correct audio source on the unit.

Prompt volume is too loud.

- Adjust prompt volume by rotating the volume knob to access navigation volume control (A).

USB

Cannot play a media file.

- The media format on the USB is not supported. Change media files.
- The file system of the USB is not supported. Change the USB.

No video playback or picture display.

- Video or picture display is enabled only when the parking brake is engaged, and the parking brake switch wire is connected to your vehicle. (P.34)

Apple CarPlay/Android Auto

Cannot start Apple CarPlay/Android Auto.

- CarPlay/Android Auto is disabled. Enable CarPlay (P.13) or Android Auto (P.15).
- For CarPlay, make sure CarPlay is enabled on your iPhone (Settings > General > CarPlay > Paired device > Enable CarPlay).
- Delete the paired device on both your phone and the unit. Make the connection again.

Bluetooth

Cannot make Bluetooth connection.

- CarPlay/Android Auto connection disables Bluetooth connection. Disable CarPlay/Android Auto connection. (P.16)
- Delete the paired device on both your phone and the unit. Make the connection again.

Cannot stream via Bluetooth.

- Pair and connect your mobile phone. (P.16)
- Bluetooth connection is disabled. Enable Bluetooth connection. (P.16)
- Delete the paired device on both your phone and the unit. Make the connection again.

Phonebook is not displayed.

- Delete and repair your mobile phone, select "Allow" when prompted on the phone screen for phonebook sync.

Poor hands-free phone call quality/No sound from Microphone.

- Check signal strength on your mobile phone.
- Check that the external microphone is firmly attached and plugged in. Or relocate the microphone for noise reduction. (P.41)

FM/AM Radio

Poor radio reception.

- FM/AM antenna is not connected or extended. Connect and secure an FM/AM antenna (not included). (P.40)
- The antenna output wire is not connected. Connect the wire. (P.34)

Troubleshooting

SiriusXM Radio

"Check Antenna" appears.

- Check that the antenna cable is connected to the SiriusXM Vehicle Tuner.
- Check the antenna cable for damage and kinks. Replace the antenna cable if damaged. SiriusXM products are available at your local car audio retailer or online at <https://shop.siriusxm.com/all-parts/>.

"Check Tuner" appears.

- Check that SiriusXM Vehicle Tuner is securely connected to the unit (P.40), or the Tuner is damaged.

"Subscription Updated" appears.

- Your subscription is updated. Press the appropriate button to clear the message.

"Channel Unavailable" appears.

- The selected channel is not available. For more information about SiriusXM channel lineup, visit www.siriusxm.com.

"No Signal" appears.

- Verify that your vehicle is outdoors with a clear view of the sky.
- Verify that the SiriusXM magnetic base antenna is mounted on a metal surface on the outside of the vehicle.
- Move the SiriusXM antenna away from any obstructions.
- Check the antenna cable for damage and kinks.
- Consult the SiriusXM Vehicle Tuner installation manual for more information on antenna installation.

"Channel Unsubscribed" appears.

- The selected channel is not subscribed.
If you have questions about your subscription package or would like to subscribe to this channel, in the USA, visit www.siriusxm.com or call 1-866-635-2349; in Canada, visit www.siriusxm.ca/activate or call 1-888-539-7474.

"Channel Locked" appears.

- The selected channel is locked by the Parental Control feature. Enter the correct password to unlock. (P.12)

Specifications

General

Input voltage	9 – 16 VDC
	14.4 VDC (Nominal)
Current consumption.....	Max. 15 A
Fuse	15 A (ATC, blade)
Mounting hole (H x W).....	1.97" x 7.01"
Unit weight.....	4.26lbs.
Operational temperature.....	-4 – 140°F

Display

Screen size.....	10.1"
Aspect ration.....	16:9
Resolution.....	1920 x 1080
Screen type.....	TFT-LED active matrix

Audio

Power output.....	25 W x 4 RMS
Speaker impedance	4 – 8 Ω
Preset EQ.....	Jazz, HipHop, Pop, Rock, R&B
EQ (15 bands).....	25/40/63/100/160/250/400/ 630/1k/1.6k/2.5k/4k/6.3k/10k/16k Hz
EQ boost/cut	±12 dB
High pass filter (HPF).....	25/40/63/100/250/ 500/1k/3.5k/5k Hz
Low pass filter (LPF).....	25/40/63/100/250/ 500/1k/3.5k/5k Hz

Slope.....	-12/-18/-24 dB
Gain.....	0 to -12 dB
Pre-amp output.....	4x Front (4V, full range) 2x Rear (4V, full range) 2x Sub (Mono, 4V, LPF)
Audio input	Micro HDMI, digital 3.5mm jack, analog
Audio output.....	Optical/TOSLINK, digital

Video

Signal system.....	NTSC/PAL
Video Input.....	RCA male, analog Micro HDMI, digital

Radio

Frequency range.....	87.5 – 107.9 MHz (FM) 530 – 1710 kHz (AM)
Radio services	Analog FM/AM HD Radio reception SiriusXM radio, Internet radio

Apple CarPlay

Device support.....	iPhone 5 or later
iOS.....	iOS 7.1 or later

Android Auto

Wired	Android 6.0 or later
Wireless	Android 11.0 or later

USB

USB-C 3.0.....	CarPlay/Android Auto Media/Charging (3A)
USB-C 2.0.....	Media/Charging (1.5A)
USB-A 2.0.....	Media/Charging (1.5A)
Supported USB device	Max. 32GB
File system.....	FAT32
Audio playback.....	FLAC (192kHz/24bit) MP3, WAV

Video playback.....	AVI, MKV, WMV
Picture playback.....	JPG, PNG, BMP

Note: Not all listed media files are guaranteed to play due to different creation methods or file contents.

Bluetooth

Bluetooth version	V5.0 + EDR
Transmission range.....	33ft/10m (line of sight)
Bluetooth profiles.....	A2DP, AVRCP, HFP, PBAP, HSP, HID, GATT, SPP

Wi-Fi

Frequency band	2.4/5 GHz
(Only used in wireless connection for CarPlay/ Android Auto)	

Specifications are subject to change without notice.

FCC Compliance Statement

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.

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.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ISED Canada compliance statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Conformité de l'exposition aux radiofréquences IC Cet équipement est conforme aux limites d'exposition aux radiations CNR-102 établies pour un environnement non contrôlé.

USER MANUAL

Modus

3451 Lunar Court • Oxnard, CA 93030

www.modusglobal.com

805-790-7383 Customer Service

Tech Support: www.modusglobal.com/support



0125

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Modus is under license.
Other trademarks and trade names are those of their respective owners.

Android Auto is a trademark of Google LLC.

iPhone® is a trademark of Apple Inc., registered in the U.S. and other countries. Apple CarPlay is a trademark of Apple Inc. Modus is not affiliated with Apple Inc.

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.

iDatalink and Maestro are registered trademarks of Automotive Data Solutions Inc.

SiriusXM-Ready and all related marks and logos are trademarks of SiriusXM Radio, Inc. All rights reserved. SiriusXM-Ready allows you to listen to ad-free music, plus all the sports, talk, comedy, news coverage, and all in one place. (SiriusXM Connect Tuner and Subscription required. Sold Separately.)

HD Radio™ Technology manufactured under license from iBiquity Digital Corporation, a subsidiary of Xperi Inc., U.S. and Foreign Patents.