Manuals+ — User Manuals Simplified.

BOSS AUDIO SYSTEMS BE8ACP-C Digital Multimedia Receiver

BOSS AUDIO SYSTEMS BE8ACP-C Digital Multimedia Receiver User Manual

Contents

BOSS AUDIO SYSTEMS BE8ACP-C Digital Multimedia Receiver

Product Information

Specifications

- **Brand:** BOSS Audio Systems
- **Product Type:** Car Multimedia Player
- **Model Number:** [Model Number]
- **Display:** Touchscreen
- **Supported Platforms:** Apple CarPlay, Android AutoTM
- **Media Playback:** USB, AV IN, Radio, Camera

Product Usage Instructions

Basic Product Operation

- **What comes in the box**

  The product package includes:
    - [List of items included in the box]
- **Product Basics**

  Before starting, make sure you have read and understood the user manual.
- **Unit Installation**

  Follow the installation instructions provided in the user manual to correctly install the product in your vehicle.
- **Operation Instructions**

  Refer to the user manual for detailed instructions on operating the product.
- **Display Screen Disassembly Instructions**

  If necessary, follow the provided instructions to disassemble the display screen.

- **Using and Caring for the Touchscreen**

  To ensure optimal performance and longevity of the touchscreen, follow these care instructions:

  - [List of touchscreen care instructions]

Product Setup

Navigating the Menus
Use the provided controls to navigate through the product menus.

Apple CarPlay

- **Warnings**

  Read and follow these warnings before using Apple CarPlay:

  - [List of Apple CarPlay warnings]
- **Using CarPlay**

  Follow these instructions to use Apple CarPlay with the product:

  - [List of Apple CarPlay usage instructions]
- **Gestures & Control**

  Learn how to use gestures and controls to interact with Apple CarPlay.
- **CarPlay Display**

  Understand the different elements of the CarPlay display.
- **Disable Apps**

  Learn how to disable specific apps within Apple CarPlay.

Android AutoTM

Warnings
Read and follow these warnings before using Android AutoTM:

- [List of Android AutoTM warnings]

Using Android AutoTM
Follow these instructions to use Android AutoTM with the product:

- [List of Android AutoTM usage instructions]

Media Player Source Switching

Media

- **Warnings**

  Read and follow these warnings before using the media player:

  - [List of media player warnings]
- **USB Playback**

  Learn how to play media files from a USB device.

- **Navigating Menu**

  Use the menu navigation controls to browse through media options.

- **Photos**

  View and manage your photos using the product's photo feature.

Radio

- **Display Overview**

  Understand the different display elements when using the radio feature.

- **Controls**

  Learn how to use the provided controls to operate the radio.

- **Tuning**

  Follow these instructions to tune in to different radio stations.

- **Bands**

  Select the desired radio band (AM/FM) for listening.

- **Presets**

  Create and manage preset radio stations for quick access.

- **Favourites**

  Add your favourite radio stations to the favourites list.

AV IN

Playback
Learn how to play audio/video content from an external device connected via AV IN.

Camera

- **Warnings**

  Read and follow these warnings before using the camera feature:

  - [List of camera warnings]

Reverse View
Activate the camera to view the rear of your vehicle when reversing.

General Settings

- **Cautions**

  Read and follow these cautions when adjusting general settings:

  - [List of general settings cautions]

- System Language

  Change the system language according to your preference.

- **Time Zone**

  Select the appropriate time zone for accurate time display.

- **Date & Time**

  Set the date and time of the product.

- **Auto Adjust Daylight Saving**

  Enable or disable automatic adjustment of daylight saving time.

- **System Tone**

  Adjust the system tone settings for audio feedback.

- **Power Off Delay**

  Set the duration for the product to remain powered on after turning off the vehicle.

FAQ (Frequently Asked Questions)

- **Q: What should I do if the touchscreen is unresponsive?**

  A: If the touchscreen is unresponsive, try cleaning it with a soft, lint-free cloth. If the issue persists, consult the troubleshooting section in the user manual or contact customer support.

- **Q: Can I connect my smartphone wirelessly to the product?**

  A: No, this product does not support wireless smartphone connectivity. You need to connect your smartphone using a compatible cable.

- **Q: How do I update the firmware of the product?**

  A: To update the firmware, visit the official BOSS Audio Systems website and download the latest firmware version for your specific model. Follow the provided instructions to install the firmware update.

- **Q: Can I use both Apple CarPlay and Android AutoTM simultaneously?**

  A: No, you can only use either Apple CarPlay or Android AutoTM at a time. Switch between the two by disconnecting the current device and connecting the other.

- **Q: How do I add radio stations to the favourites list?**

  A: While listening to a radio station, press and hold the "Favorite" button until it beeps. The station will be added to the favourites list for quick access.

- **Q: What file formats are supported for USB playback?**

  A: The product supports various audio and video file formats, including MP3, WMA, AAC, WAV, MPEG, AVI, MP4, and more. Refer to the user manual for a complete list of supported formats.

Important Information

This symbol with "WARNING" is intended to alert the user to the presence of critical instructions/procedures. Failure to observe the instructions/procedures can result in injury, death, or damage to the product and/or property.

WARNING
This symbol with "CAUTION" is intended to alert the user to the presence of important instructions/procedures. Failure to observe the instructions/procedures can result in injury or damage to the product and/or property.

CAUTION

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

- Android Auto is a trademark of Google LLC.
- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by BOSS Audio Systems is under license.
- Other trademarks and trade names are those of their respective owners.

Caution

Precautions
BE SURE TO OBSERVE THE FOLLOWING GUIDELINES: Do not turn up the volume so high that you can't hear what's around you.

- Use caution or temporarily discontinue use in potentially hazardous situations.
- Do not operate mobile video equipment while driving a motorized vehicle – safe driving and safety consideration of others should always be your highest priority.
- Set your volume control at a low setting, then slowly increase the sound until you can hear it comfortably without distortion, or ear discomfort.
- In the event you should notice smoke, strange noises or odour from this product, or any other abnormal signs, immediately turn off the power and consult your dealer or the nearest authorized BOSS AUDIO SYSTEMS Service Center.
- Using this product in this condition may result in permanent damage to the system.

Installation Precautions

- BOSS AUDIO SYSTEMS does not recommend to install the product yourself.
- We recommend to have it professionally installed by a certified professional.
- Always consult with a professional installer.
- Do not attempt to install or service this product by yourself. Installation or servicing of this product by persons without professional training and experience in electronic equipment and motorized vehicle accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.
- Refer any repairs to a qualified BOSS AUDIO SYSTEMS Service Center.

Before Installing

- To avoid potential shorts in the electrical system, be sure to disconnect the (-) battery cable before installation.
- Use this unit with a 12-volt battery and negative grounding only. Failure to do so may result in a fire or

malfunction.
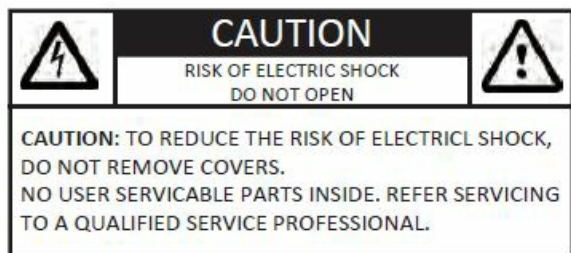
Product Safety
It is against Federal and Local laws for video to be viewed by the driver while the vehicle is in motion. This video product was intended to be used with the parking brake safety feature. Video cannot be seen without the proper parking brake-powered connection. Tampering or disabling this feature will void any warranty. Please check with a professional installer to have your product installed properly.

Important Note
Due to ongoing enhancements, example images on screens may slightly differ from the actual product.

Caution

Images and Video

- Watching video while driving is against Federal, State, and Local laws.
- Drive safely, know and obey traffic rules. Watching this screen and making selections while driving can lead to a serious accident.
- Check surroundings for safety while camera images are displayed.
- Do not use features of this product while driving if it cannot be operated safely and legally in your location. Before the operation of smartphone Apps accessible from this device, read safety instructions in your Owner's Manual. When using navigation Apps stay alert to observe real-world conditions.

About this manual
To entirely understand how to properly use your new BOSS Audio Systems product, it is recommended to read this user manual and keep it in a safe place for future reference.

- Read the entire manual
- Keep the manual
- Follow all instructions
- Clean with a dry cloth only
- Do not use or operate near water
- Do not defeat any safety features

California Residents (Proposition 65)
This product may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
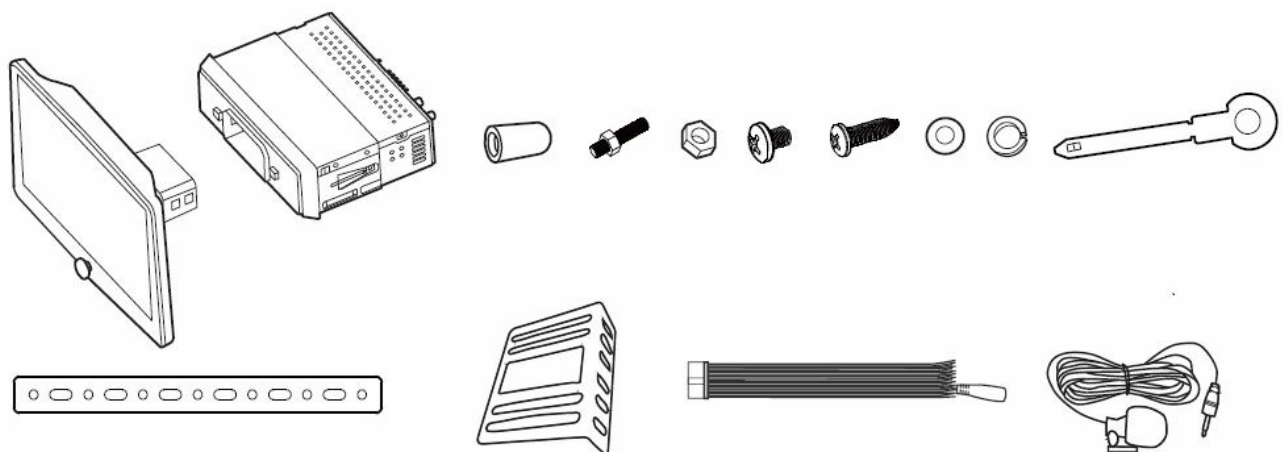
Basic Product Operation

What comes in the box

Hardware

- Qty 1 BE8ACP
- Qty 1 Rubber Grommet
- Qty 1 Hex Bolt
- Qty 1 Hex Nut
- Qty 8 Screw M5x6
- Qty 1 Tapping Screw 5X18 B/A
- Qty 1 Spring Washer
- Qty 2 Plain Washer
- Qty 2 Key
- Qty 1 Mounting Bracket
- Qty 2 Brackets

Connections

- Qty 1 Power/Harness
- Qty 1 Hands-free Microphone

Front Detail

1. **Menu Button**

   Touch to switch between the home menu and the last selected source.

2. **Voice Assistant**

   Touch to activate then say command.

3. **Power/Volume Knob**

   1. Touch and hold to turn the unit on or off.
   2. Touch briefly to mute or restore volume.
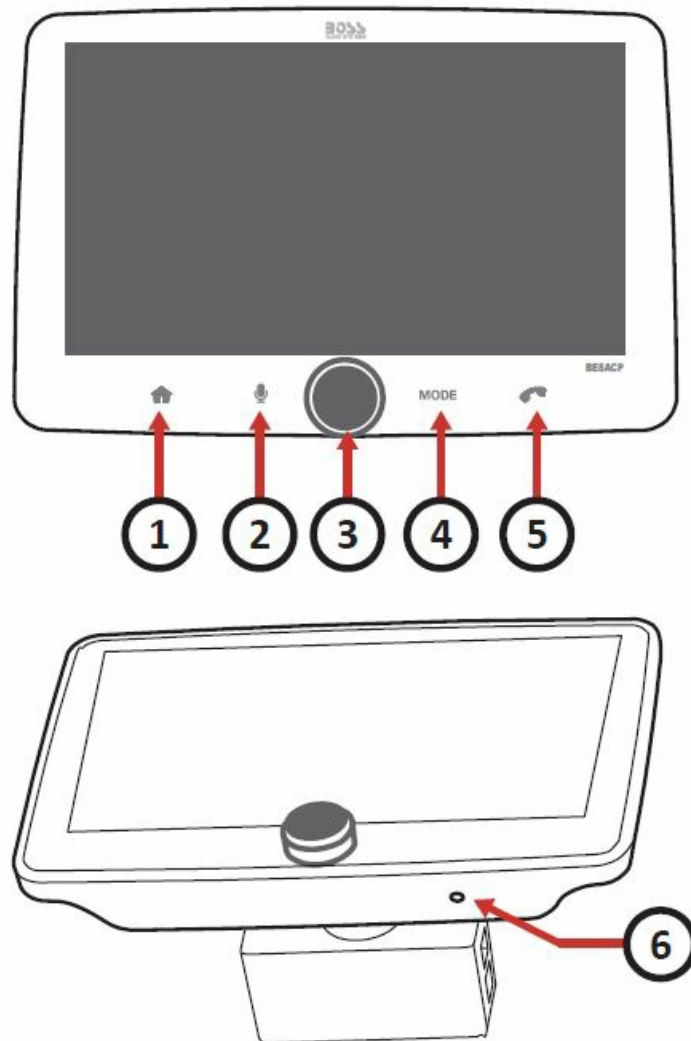   3. Rotate to increase or decrease volume.

4. **MODE Button**

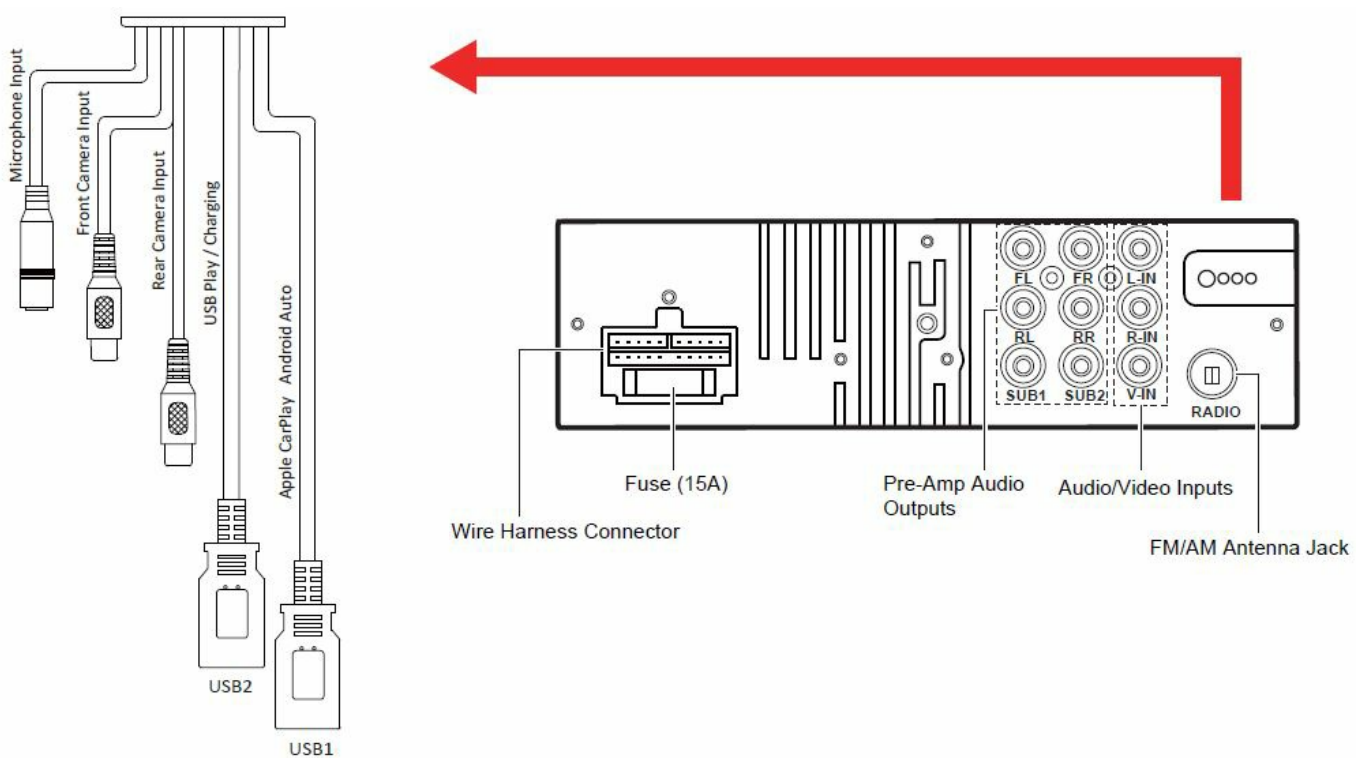   Touch to select a system mode.

5. **Phone Button**

   1. Answer or dial a Bluetooth phone call.
   2. End or reject a Bluetooth phone call.

6. **Reset Pinhole**

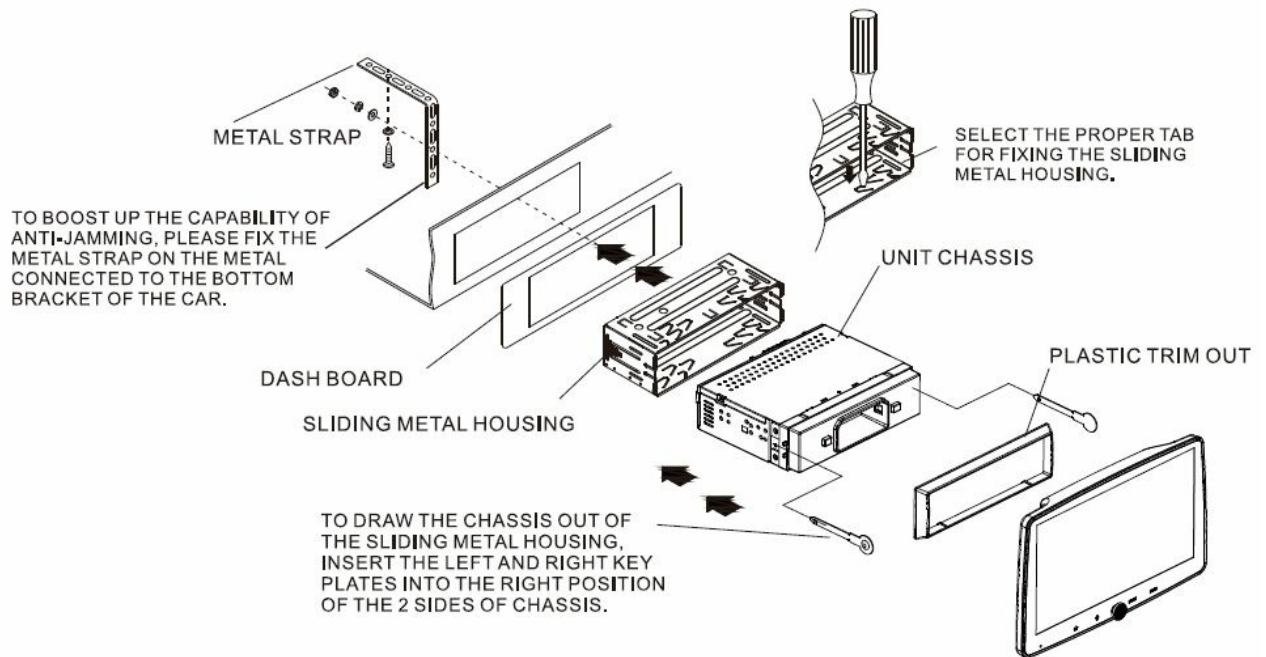Press with a pin to restore the factory settings. Reset the unit when it has no response.
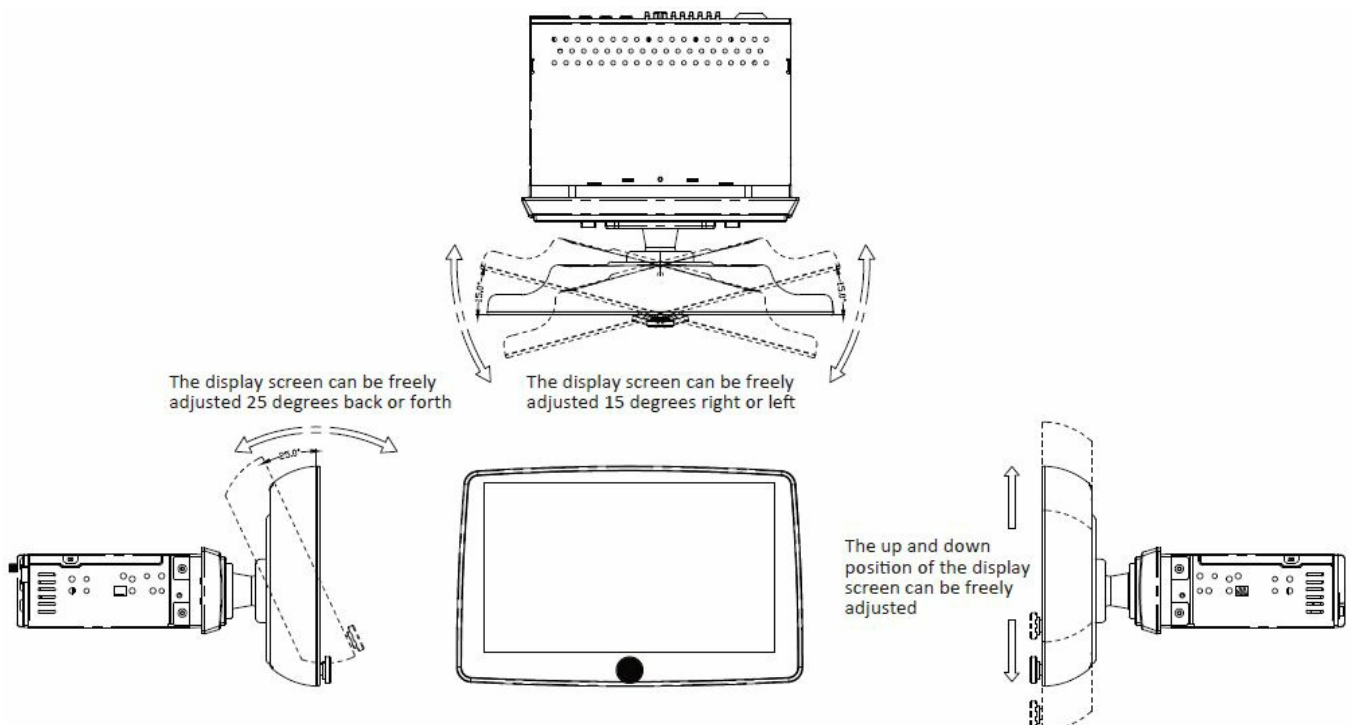

Rear Detail

Microphone Input

Front Camera Input

Rear Camera Input

USB Play / Charging

Apple CarPlay   Android Auto

USB2

USB1

Wire Harness Connector

Fuse (15A)

Pre-Amp Audio Outputs

Audio/Video Inputs

FM/AM Antenna Jack

FL   FR   L-IN
RL   RR   R-IN
SUB1   SUB2   V-IN

RADIO

Unit Installation

THE UNIT IS INSTALLED TO BE AN ANTI-THEFT ONE. THE CHASSIS OF THE UNIT WEARS A SLIDING METAL HOUSING. PLEASE DO THE CONNECTION OF THE POWER, SPEAKERS AND ANTENNA ACCORDING TO THE REQUIREMENT OF THE INSTRUCTION BOOK, THEN INSTALL THE SLIDING METAL HOUSING IN THE CAR AS FOLLOWS.
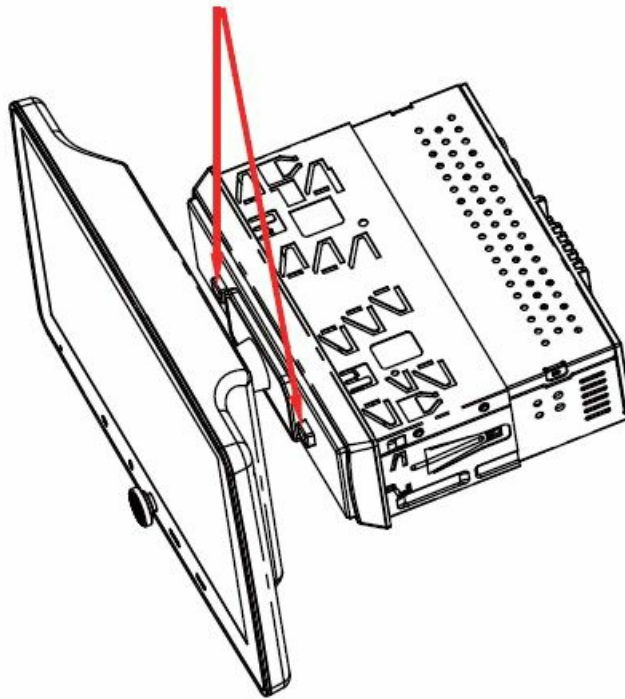

METAL STRAP

SELECT THE PROPER TAB FOR FIXING THE SLIDING METAL HOUSING.

TO BOOST UP THE CAPABILITY OF ANTI-JAMMING, PLEASE FIX THE METAL STRAP ON THE METAL CONNECTED TO THE BOTTOM BRACKET OF THE CAR.

UNIT CHASSIS

PLASTIC TRIM OUT

DASH BOARD

SLIDING METAL HOUSING

TO DRAW THE CHASSIS OUT OF THE SLIDING METAL HOUSING, INSERT THE LEFT AND RIGHT KEY PLATES INTO THE RIGHT POSITION OF THE 2 SIDES OF CHASSIS.

Operation instruction

The display screen can be freely adjusted 25 degrees back or forth

The display screen can be freely adjusted 15 degrees right or left

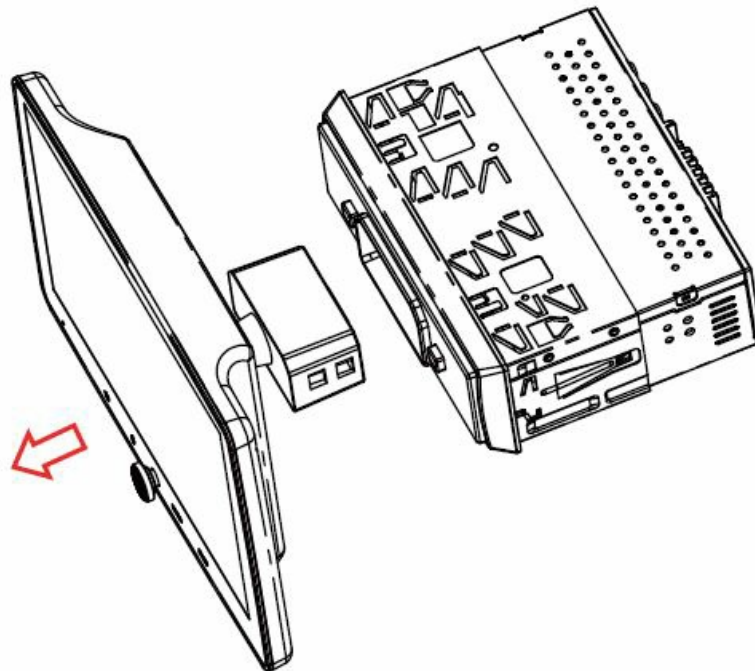The up and down position of the display screen can be freely adjusted
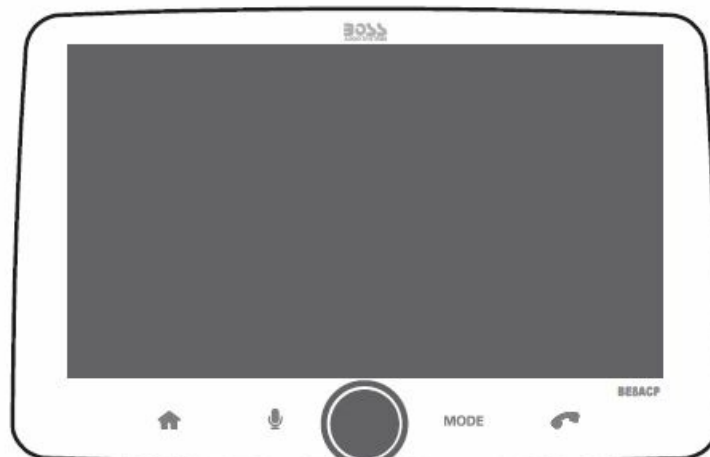
CAUTION!

Display screen removal

1. Hold down the two release buttons

2. Gently pulling the display panel forward

Using and Caring for the Touchscreen

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, they will not function properly.

Care and Cleaning:
To clean the screen, use a dry micro-type cloth to clean. Do not use ammonia, window cleaner, or any other type of household chemicals to clean the screen. Abrasives should not be used at all.

Product Setup Date & Time

Setup Option A: CarPlay Method

- Connect your Apple® device using a
- Lightning® cable. The CarPlay USB port must be used.
- This will automatically set up the time and date.
- The user must set the Time Zone manually.
- The default is the Pacific Time Zone.
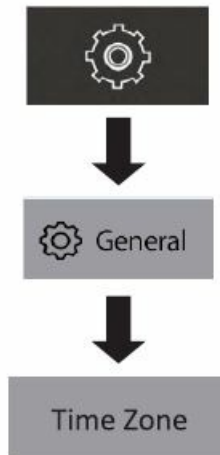
Setup Option B: Date and Time
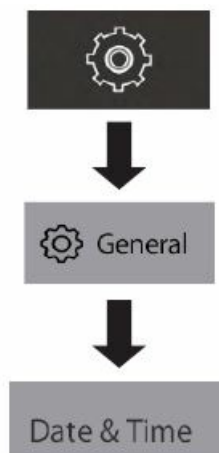
Additional Setup

- General > Language
- Audio > EQ, Other Audio Settings

- Display > Illumination, Brightness

Navigating the Menus
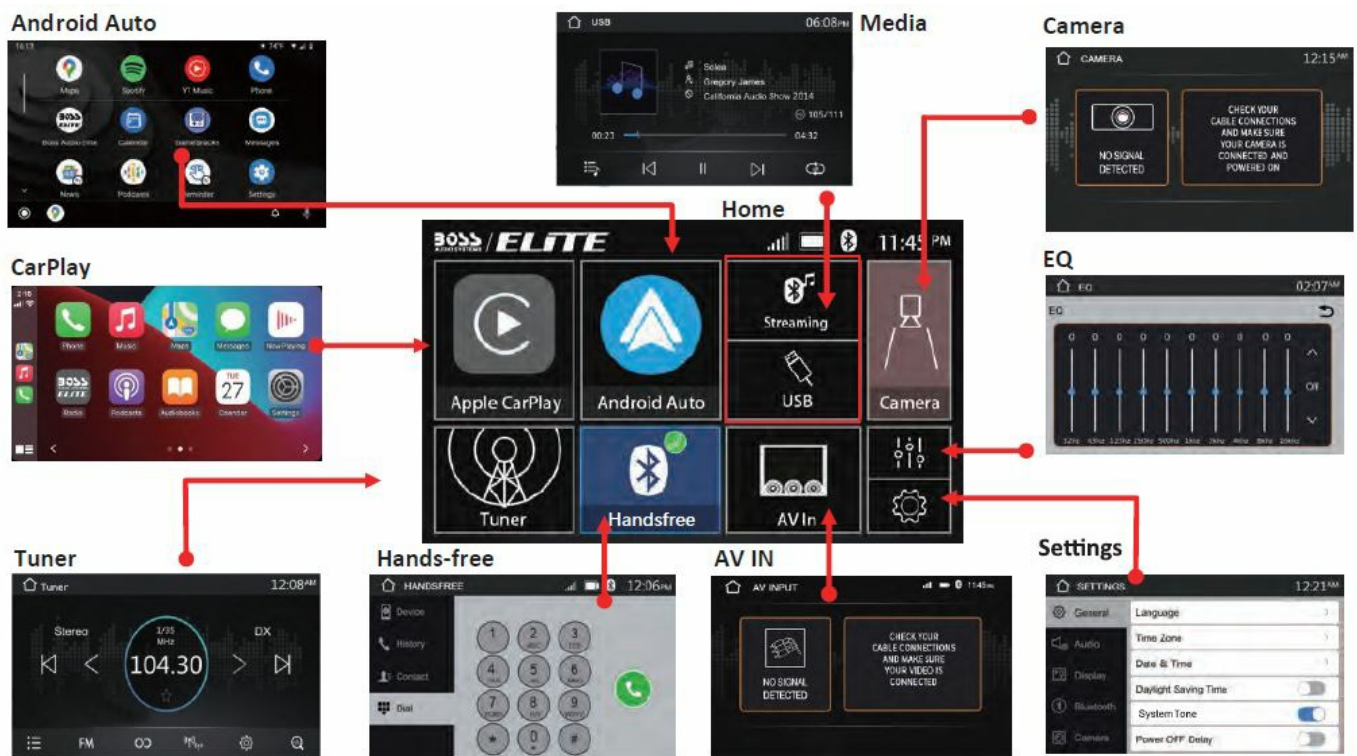
Apple CarPlay

Using CarPlay

Note

- Apple CarPlay usage is limited while driving. determined by the App provider(s).
- Controls will vary with each App that is available for CarPlay.
- For more details visit: **http://www.apple.com/ios/carplay**.

WARNING

- Familiarize yourself with your Local and State laws regarding mobile devices.
- Certain functions of an iPhone might be prohibited and or illegal while driving in your location.
- When in doubt, park the vehicle and engage the parking brake first before performing the function (s).

Connecting to CarPlay USB Port

1. Connect the CarPlay-compatible device via Lightning® cable (not included).
2. The iPhone will load the CarPlay function.
3. On the display, the CarPlay will illuminate green, touch it to enter the CarPlay menu.
4. To return to the product Home menu,

Touch

NOTE

- The product's Bluetooth will turn OFF automatically when CarPlay is in use.
- Hands-free phoning will function through the CarPlay feature.
- When using CarPlay, there is no need to pair your iPhone, the USB cable connected through the USB Port (1) will enable this feature.
- If other devices are connected via Bluetooth, they will be disconnected for the duration of CarPlay use.

Gestures & Control
Basic controls, but not limited to:
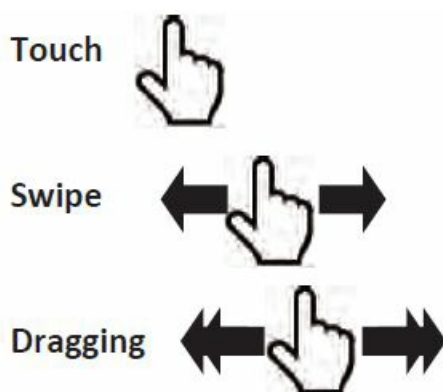
Other gestures and controls might di er on each App.

NOTE
Volume control is handled exclusively by the product.
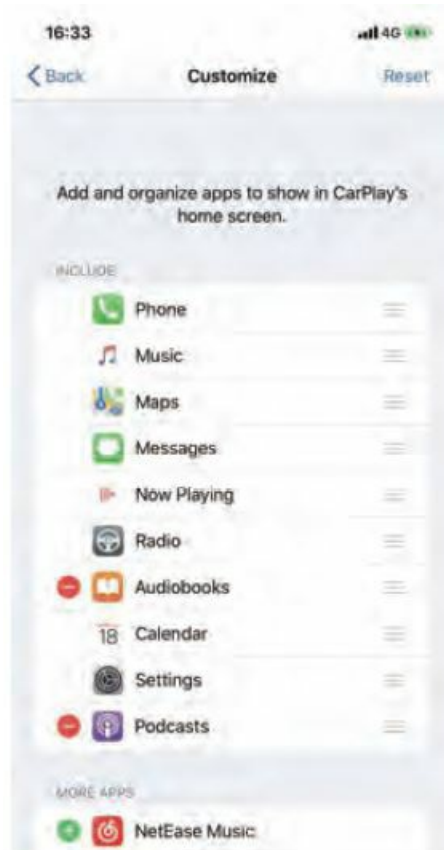
Using CarPlay

CarPlay Display Setup

1. **Using your iPhone:** Settings > General > CarPlay

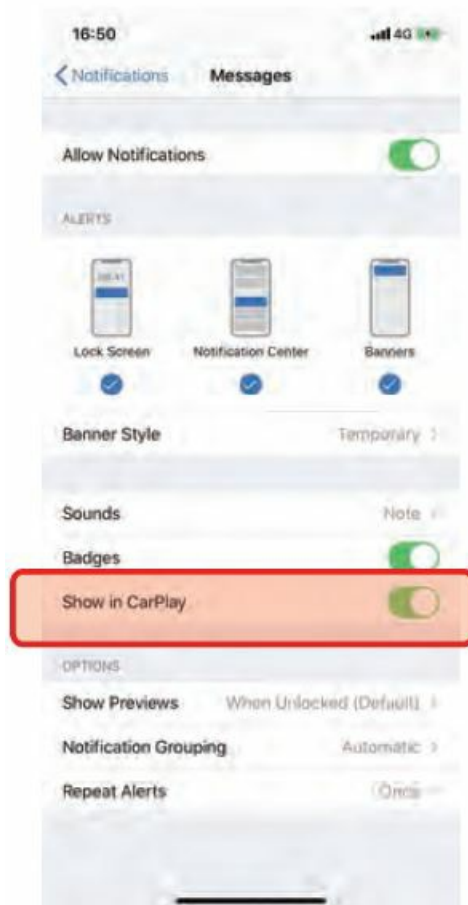2. Touch and Hold each App icon to move. To remove an App, Touch

NOTE

- Only Apps with the ⊖ icon can be removed from CarPlay.
- Only Apps with the ⊕ icon can be added to carplay.

How to Disable Apps

- Using your iPhone: Settings > Notifications > App to Disable

Android Auto

Using Android Auto

Note

- Android Auto usage is limited while driving.
- Functions, contents, and usability is determined by the App provider (s).
- Controls will vary with each App that is available for Android Auto.
- For more details visit: **https://www.android.com/auto/**.

WARNING

- Familiarize yourself with your Local and State laws regarding mobile devices.
- Certain functions of the mobile device might be prohibited and or illegal while driving in your location.
- When in doubt, park the vehicle and engage the parking brake first before performing the function(s).

NOTE
To complete the setup properly, the Parking Brake status wire must be connected.

WARNING
For your safety, the setup process MUST be accomplished while the vehicle is Parked and the Parking Brake is Engaged.

Android Auto App

1. For Android 9.0 or earlier, download and install the Android Auto app from Google Play. For smartphones with Android 10.0 or later, plug in your phone and follow the prompts on your phone to accept the permissions that Android Auto requires.

- **Minimum Requirements:** Android 5.0
- For a list of compatible devices: **https://www.android.com/auto/**

Updating Related Apps

1. During the first start-up and setup of the Android Auto app, the Maps, Music, and Google apps will install/update automatically.

Connecting to Android Auto USB Port

1. Connect the Android-compatible device via the appropriate USB cable (not included).
2. The Android device will load the Android Auto function.
3. Bluetooth will connect automatically when the setup is completed.

Android Auto Permissions Permissions

- Several features can be allowed or denied access to customize the usability of the product.
- The access can always be modified in Settings on the Android device.

Bluetooth

Setup & Connection

Hands-Free Menu

- Touch

NOTE

- CarPlay or Android Auto must not be active.
- If being used, disconnect the device to start Bluetooth.
- Compatibility with all mobile devices is not guaranteed. Please read through the user guide for the mobile device.

CAUTION
For your safety, the setup process should be accomplished while the vehicle is parked and the parking brake is engaged.

First time Pairing
Using your phone, media or another Bluetooth device, try to connect to this head unit.

- **Mobile Device:** Search for BOSS AUDIO BE8ACP
- **iOS Devices:** Settings > Bluetooth
- **Android Devices:** Settings > Connections > Bluetooth

Touch **to confirm**
Every time the product is powered ON, the mobile device will automatically connect if within range.

NOTE
Once paired and connected, the device list will display the available Bluetooth profiles.

Phonebook and History
To Download Phonebook:

1. Touch Contact > Download

    To Download History

2. Touch History > Download

Device Status

- Battery and Cellular Strength is displayed on the top right of the Home menu.
- GATT Profile support is required on the mobile device.

Hands-Free

Calling

Making & Receiving Calls

1. Dialing from the dial pad

    Touch 📞 to make call

2. Contacts

    Touch the contact name

3. History

    Choose the name, then

To **End** a call **Touch** 📞

To **Mute** a call **Touch** 🔇

Dial pad

To use the dial pad while on a call

Touch ⊞

Searching History

Swipe **Up** or **Down** to search

History

1. Outgoing Call ⬅️

2. Incoming Call ➡️

3. Missed Call ↙️

Private Mode

When a call needs to be transferred to the mobile device:

Touch ✳️ to switch the mobile device

Touch 📱 to return to hands-free mode

Searching Contacts

Contacts must be downloaded to search.

1. **Touch** 🔍

2. Enter the **Contact Name**, then [OK]

Connection: **ON**

Auto Connect: **ON**

Auto Answer: **OFF**

Device Name: **BOSS AUDIO BE8ACP**

Clear Records

Audio

Audio Streaming

To play media through Bluetooth, the mobile device must be **Paired and Connected** to the BE8ACP.

1. Touch [Streaming]

The music will play automatically.

Track Control

1. Play/Pause ▷ ‖

2. Track Fwd / Rev ◁ ▷|

3. Swipe to Fwd/Rev ⬅️➡️

ℹ️ Note

For best performance, your mobile device volume setting should be set to maximum.

All volume adjustments for the system should be controlled from the product.

The unit will recall the last volume setting on your mobile device every time Bluetooth connection is made.

Formats

Playback is supported from the mobile device with any format it can play.

Audio will only be played by the product.

Video cannot be viewed on the unit.

Switching Media

Touch 🎵

Available sources will display (Bluetooth and USB)

ℹ️ Note

USB source will only be displayed if a USB drive is inserted and has playable media.

Display

Track info will be displayed when available.

Track, Album and Artist.

Album art is not supported via Bluetooth playback.

Media

USB Playback

Touch

USB

The music will play automatically.

Audio Control

1. Play/Pause ▷ ||

2. Track Fwd / Rev |◁ ▷|

3. Repeat ALL

4. Repeat One

5. Random

(i) Note

If there are other files in the USB, music files will play first.

Video Control

1. Play/Pause ▷ ||

2. Track Forward/Backward |◁ ▷|

3. Repeat All

4. Repeat one

5. SETUP

Photo Control

1. Play/Pause ▷ ||

2. Track Forward/Backward |◁ ▷|

3. Repeat All

4. Repeat One

5. Rotate

Navigating Menu

Touch [Music] [Video] [Image] [Return]

To browse contents, Swipe

To return to the current file playing,

Touch [.ılı Playing]

⚠ WARNING

Watching videos or photos while driving is against Federal ,State, and Local laws.

Do not use features of this product if it cannot be operated safely and legally in your location.

(i) Note

Review the connections of this product, to properly integrate the parking brake wire to the vehicle.

Video and or photos cannot be viewed while driving. The vehicle must be stationary and the parking brake applied to enable viewing.

Radio

Controls

Touch

Tuner

Tuning

To search for stations:

Search

Touch and Hold |◁ ▷|

Manual Seek

Touch ⟨ ⟩

Auto Search & Store: Touch ⊕

10:30ᴬᴹ

Mono   DX

MHz
87.50

|≡| |FM| |OᴐD| |((¹))| |⚙| |⊕|

Station Listings Bands Stereo/Mono LOC/DX Settings Auto Search & Store

Band & Settings

Touch FM to switch bands

To change radio settings

Touch ⚙

Favorites and Presets

Settings Favorites

Touch ☆

Favorite Set ⭐

To remove a favorite, Touch ⭐

Browsing Favorites

Touch [87.50]

To return the Tuner screen Touch [87.50]

Changing Presets

Touch |◁ ▷|

To list all Stored Stations

Touch ≡

Stereo/Mono

To turn on/off stereo when receiving a stereo signal,

Touch OᴐD

LOC/DX

To select Local or Distant broadcasting stations,

Touch ((¹))

AV In/Camera

External Source

Playback

- Touch **AV In**
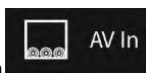
  - Media must be controlled from an external device.

  - Track functions are not controlled by the product.

Note
To adjust the volume level properly, the carry-in device volume should be set between 50% – 75%. The volume level should remain at that level for the remainder of the time it is connected to the product.

WARNING
Never rely solely on the rearview camera; always check your surroundings before proceeding.

Images may appear reversed
Do not use features of this product if it cannot be operated safely and legally in your

Rear View
The rearview camera can be displayed on demand.

Touch

If the user opens the SETTINGS interface and turns on both the FRONT CAMERA and REAR CAMERA functions, you can choose REAR CAMERA and FRONT CAMERA casually.

To return to the Home screen

Touch

Reverse View
When the vehicle is put into reverse gear, the camera will display the image on the screen.

Rear View Delay
Due to varying vehicle configurations, the rearview trigger can be delayed to best suit the vehicle.

- **Default setting:** 0 Sec Delay

Note
The rearview camera will still function normally if the product is in standby mode.

Settings

General

System Language

- Touch to change
- English (Default), Spanish

Note
CarPlay is independent of the system language setting.

Time Zone
Adjust to correctly display time

- **Default Setting:** (GMT-08:00) Pacific Time (US & Canada)

Date & Time
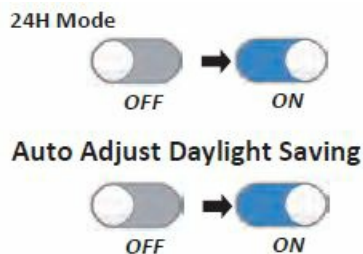
Note
If using a CarPlay, the iPhone will automatically set a date & time. The Time Zone needs to be adjusted manually.

System Tone

Power O Delay

- Some vehicles during crank to start will interrupt the accessory power.
- If the product re-boots during the crank to start, Turn ON the delay
- The delay can select 1, 2 or 3 sec.
  - **Default Setting:** OFF

Note

- Power Off Delay ON will also delay when the vehicle is turned OFF.
- This might affect hands-free functionality during a call.

Factory Settings

- To restore settings to default:

Touch

CAUTION

- Will restore all settings to factory defaults.
- All settings and presets will be lost.

Audio

EQ

To access the EQ menu

Touch
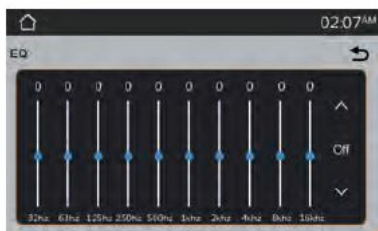
Note

The EQ can also be directly accessed while changing the volume. The volume display will show the EQ icon, you can touch to access the Audio Settings.

Preset EQ

Jazz, HipHop, Pop,Rock, R&B

Balance/Fader

Left/Right Balance, **Touch**

Swipe for quick adjustment

Front/Rear Fader, **Touch**

Swipe for quick adjustment

Subwoofer

The level and filter can be adjusted for the Sub pre-amp output.

Level, *1-14 dB*

Swipe

Filter: *50Hz, 80 Hz, 120 Hz, 160 Hz*

Touch +/- Subwoofer Frequency

Loudness

Enhances and gently boosts low and high freq.

Touch   OFF → ON

Internal Amp

To reduce the possibility of noise entering the signal chain when utilizing the audio pre-amp outputs, the internal amp can be turned OFF

Touch   ON → OFF

Volume

Settings are for default volumes for Main (Radio Media), Hands-free (BT Ring, BT Talking), Apple CarPlay / Android Auto (Navi, Voice).

Source Level

The source mode (Radio, USB, BT Audio, AV Input, Apple CarPlay, Android Auto) gain control.

Illumination Control

Touch [OFF] ➡ [ON]

When the vehicle lights are on, the products illumination can be customized for night use.

Gamma

Swipe ⬅👆➡

Gamma can be adjusted for both day and night settings.

Screen Brightness

Swipe ⬅👆➡

LED Touch Buttons

Panel Light 👆

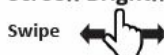Touch 👆

Six preset colors can be chosen for Touch buttons.

To select a preset color, make sure LED Animation feature is turned off.

LED Animation

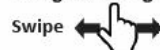Touch [ON] ➡ [OFF]

Will cycle through all colors on LED touch buttons.

Default Setting: **ON**

UI settings

Wall paper

Touch to change

User can change the background picture by inserting a USB with photos.

Background Brightness

Swipe ⬅👆➡

Connection

Touch [ON] ➡ [OFF]

Power On/Off Bluetooth

Default Setting: **ON**

ⓘ **Note**

Bluetooth will turn **OFF** automatically when CarPlay is in use. If other devices are connected via Bluetooth, they will be disconnected for the duration of CarPlay use.

Auto Connect

Touch [ON] ➡ [OFF]

Auto connects to the device when the product is powered ON

Default Setting: **ON**

Auto Answer

Touch [OFF] ➡ [ON]

Auto answers when there is an incoming call.

Default Setting: **OFF**

Bluetooth

- **Device Name**

  BOSS AUDIO BE8ACP

- **Rear Camera Input**

  Turn it on if you have a rearview camera, turn it off if you have not.

- **Front Camera Input**

  Turn it on if you have a front-view camera, turn it off if you have not.

- **Parking Assist Guide**

  Turn it off if your rearview camera has a parking assist guide, turn on it if you have not.

Camera

Parking Assist guide Adjust
If your rearview camera does not have parking guidelines, turn on the parking guidelines built into this unit and adjust the guidelines if found necessary.
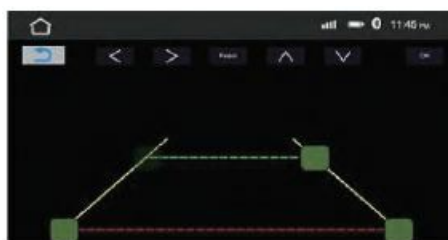
Touch and drag a square icon to reposition the related guideline. Repeatedly touch an arrow icon to tune the positioning of the related guideline. Touch the OK icon to confirm the adjustment. To reset to the default positioning of the guidelines, touch the Reset icon.

Radio

Rear View Delay

- 0 Sec (Default), 0.1 Sec, 0.5 Sec, 1 Sec, 2 Sec When switching from Park to Drive, or vice versa, the camera should not trigger on the display.
- The sensitivity should be adjusted to trigger only on the reverse gear selector.

Region

Touch 👆

- Default Setting: USA 2
- US Tuner Spacing: FM (200 KHz), AM (10 KHz)
- European Spacing: FM (50 KHz), AM (9 KHz)

Connections

Power/SWC

CAUTION
It is recommended to have the product installed by a certified installation professional.

CAUTION
Before installation, or wiring connections, disconnect the negative (-) battery terminal to prevent damage to the product, and/or possible injury.

CAUTION
Remote Out is 500 mA max output rating. If several amplifiers are to be used, it is recommended to use a relay for the Remote Out trigger.

Red/White, Rear Camera Power (+12V, 500 mA)
Red/Violet, Front Camera Power (+12V, 500 mA)
SWC Input
Orange, Illumination Input (+12V)
Red, Accessory (+12V)
Black, Ground (-)
Yellow, Constant (+12V)
Violet/White, Reverse Signal Input (+12V)
Blue, Antenna Output (+12V, 500 mA Max)
Blue/White, Rem. Output (+12v, 500 mA)
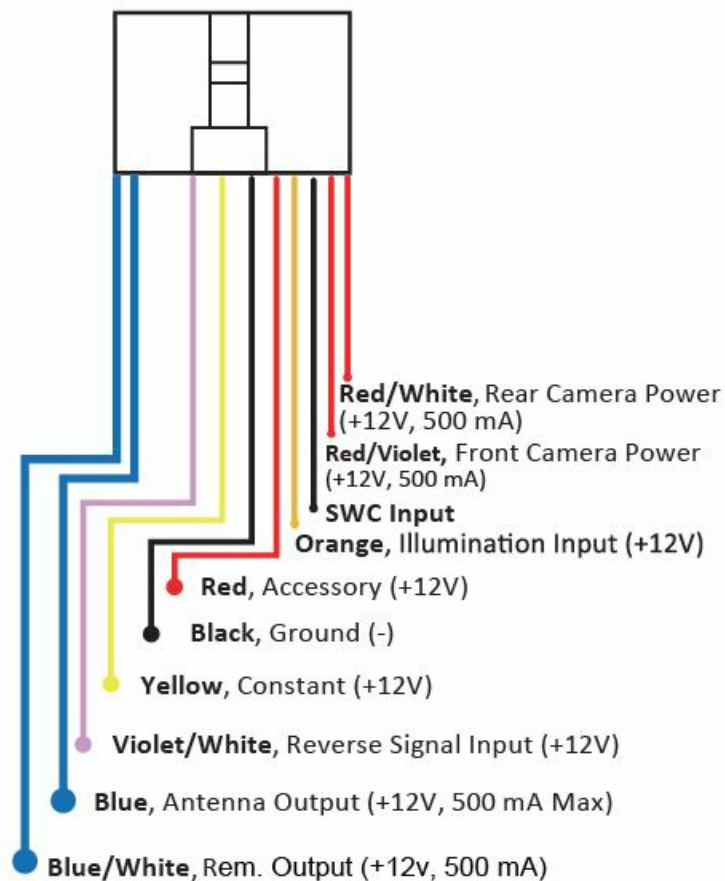
- **Note**

  Unused input/output wires need to be insulated with tape, heat shrink, or crimp connectors. Never use wire nuts.

Location to plug in
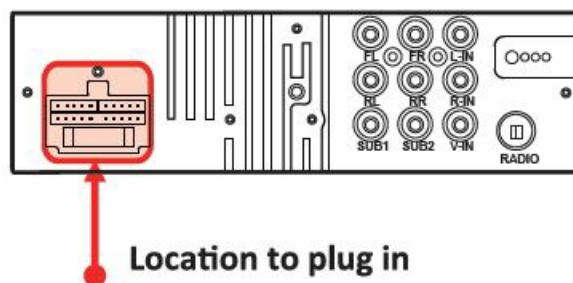
- **Note**

  A separate interface might be needed for your vehicle application. It is recommended that you consult with a professional installer.

- **Note**

  When replacing the fuse, always do so with the same type and value (15 A).

Speakers

- **CAUTION**

  Do not chassis ground any speaker wire leads.

- **CAUTION**

  - Only use 4-8 Q Speakers
  - Do not use 1-3 Q Speakers

- **CAUTION**

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

Note

- Unused speaker wires need to be insulated with tape, heat shrink, or crimp connectors.
- Never use wire nuts.
- If the speaker outputs are not used, turn Off the internal amp to reduce the possibility of noise entering the signal chain.

Note
Observe speaker polarity when making connections.

Rear Right (Ch. 4)
Purple (+)
Purple/Black (-)

Rear Left (Ch. 3)
Green (+)
Green/Black (-)

Location to plug in

Front Right (Ch. 2)
Gray (+)
Gray/Black (-)

Front Left (Ch. 1)
White (+)
White/Black (-)
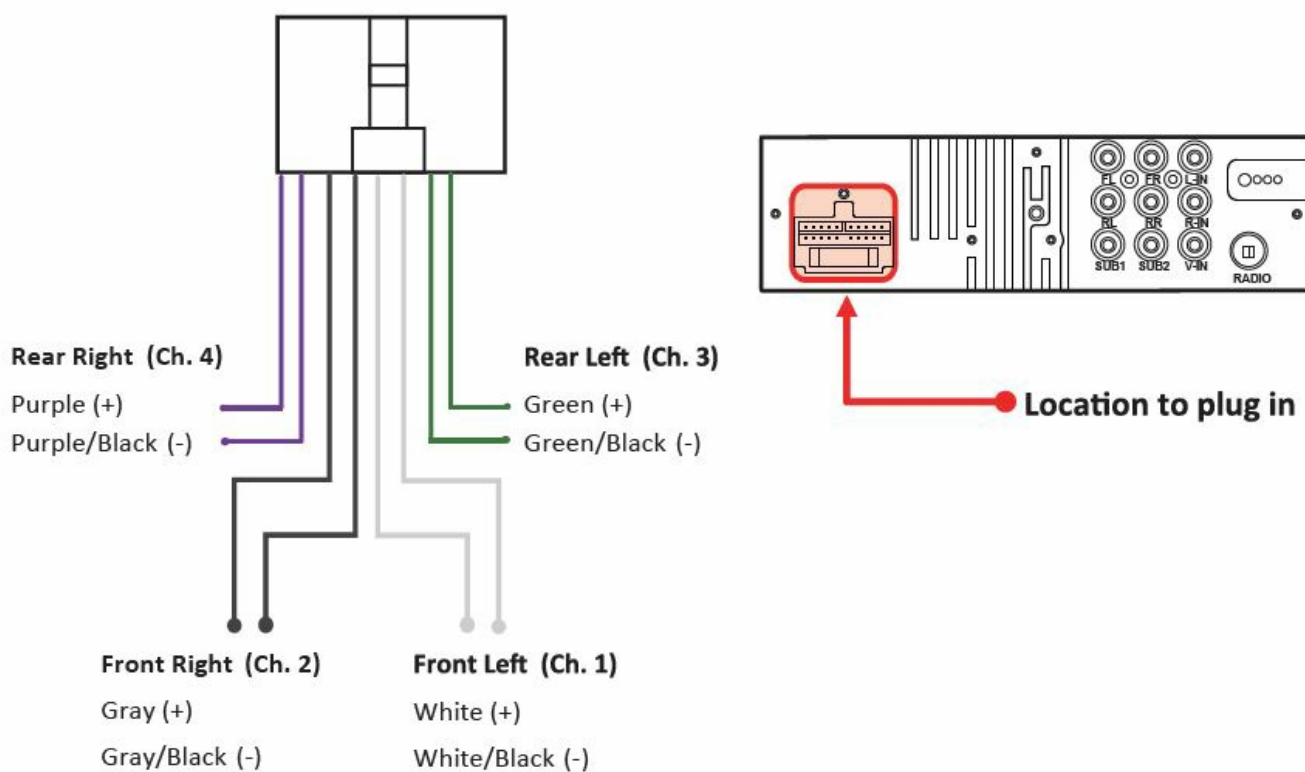
Audio Pre-amp/AV IN/ Radio

- **Note**

  Subwoofer Pre-amp is a non-fading mono output.
- **Note**

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

Audio/video Inputs

Pre-Amp Audio Outputs
(Front/rear speaker outputs
and two subwoofer outputs)

FM/AM Antenna Jack
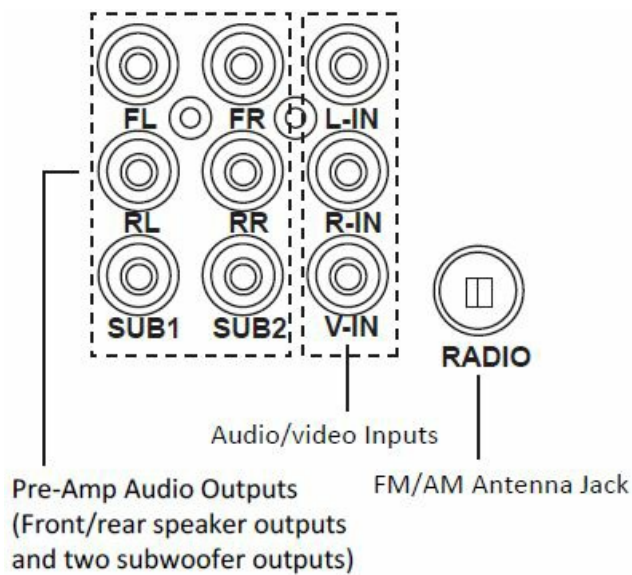
- Note

    If pre-amp outputs are being used exclusively, turn Off the internal amp of the product, to reduce the possibility of noise entering the signal chain.

Location to plug in
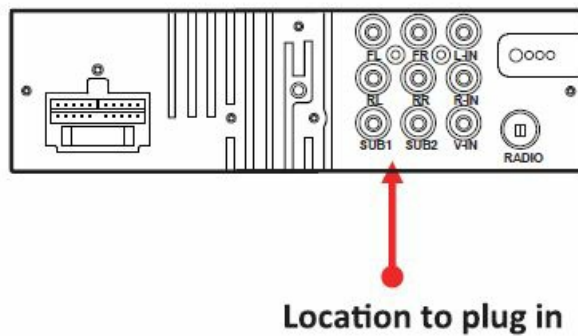
Camera/USB/MIC

WARNING
Never rely solely on the rearview camera; always check your surroundings before proceeding.

Images may appear reversed
Do not use a feature of this product if it cannot be operated safely and legally in your location.
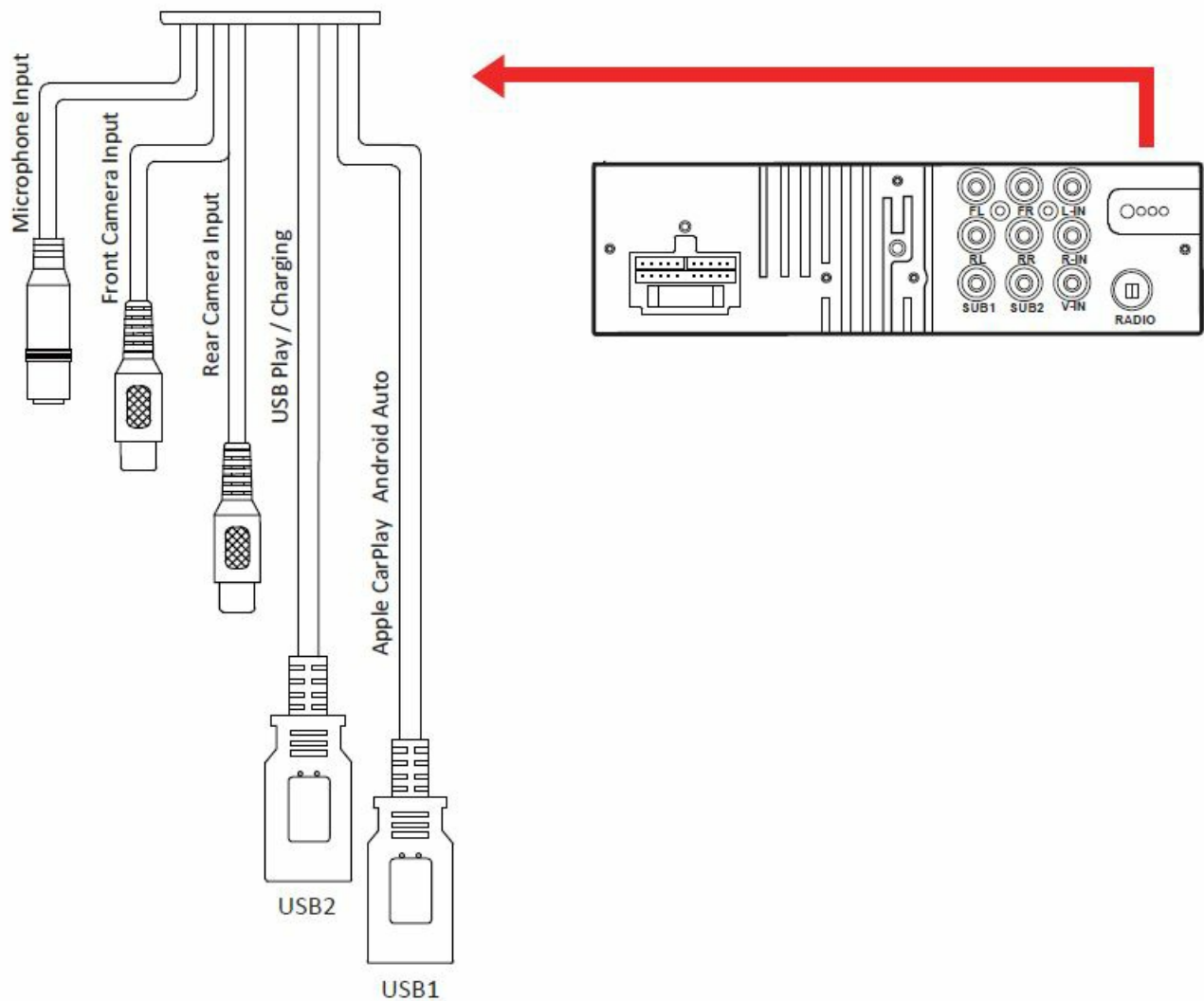
Parking Brake

- **WARNING**

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

- **WARNING**

  Watching videos or photos while driving is against Federal, State, and Local laws.

- **Note**

  For Android Auto setup, the parking brake status wire MUST be connected.

- **Note**

  - Review the connections of this product, to properly integrate the parking brake wire to the vehicle.
  - Video and or photos cannot be viewed while driving. The vehicle must be stationary and the parking brake applied to enable viewing.

Power/Speaker/SWC/Harness

Lt. Green, Parking Brake Input

- Note

  The parking brake input needs to be connected to the parking brake wire.

- **Note**

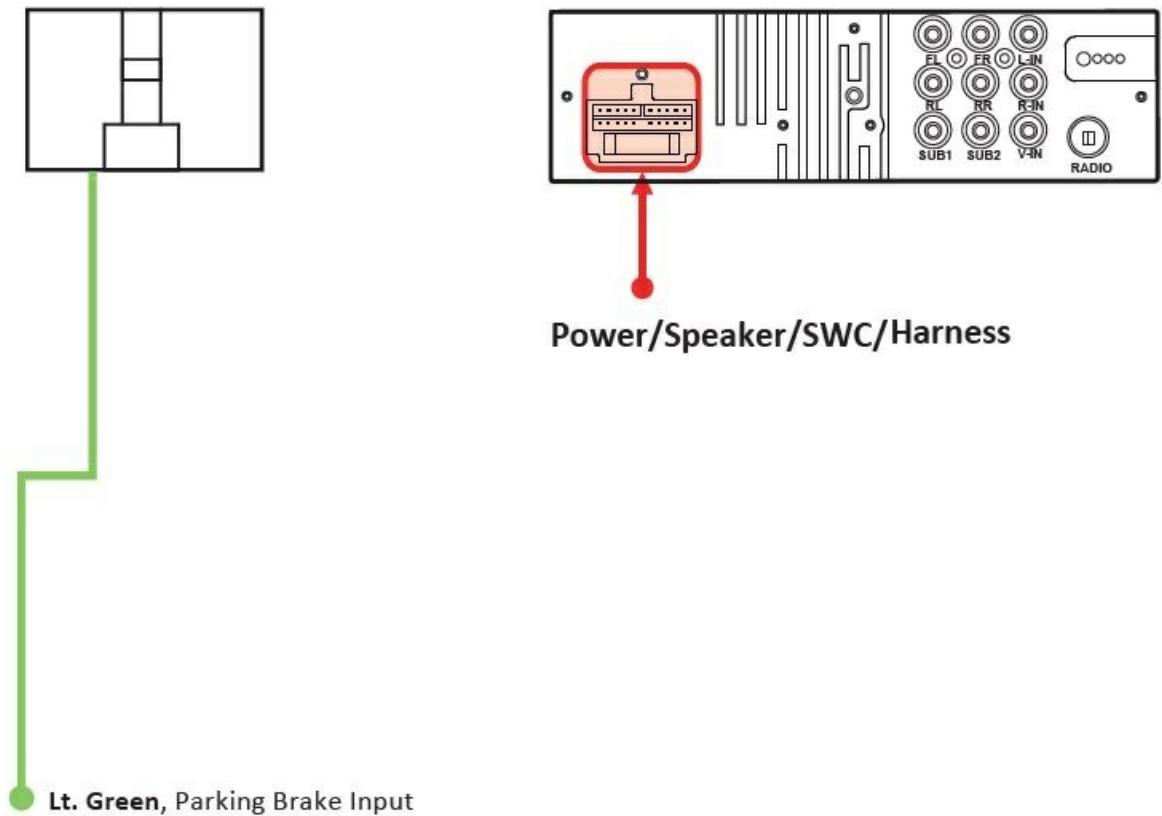 Every vehicle has a different type of parking brake connection; consult a certified professional installer.

Hands-free Mic

Placement

1. Every vehicle will perform differently due to layout, interior materials, etc.
2. The Red shaded areas are the recommended \locations for best microphone performance.

Items to look for before placement:

1. Do not place in front of air vents.
2. If the vehicle has tweeters placed on sail panels, do NOT locate the mic on the steering column area.
3. The front of the mic must not be blocked.
4. The mic should be firmly attached to the mounting location.
5. Do not cover the grille openings surrounding the mic.
6. To avoid excessive wind noise, do not place near the sunroof opening

WARNING
Run microphone wire where it will NOT impede the operation of any safety items, i.e. Airbags, Knee Airbags, etc.
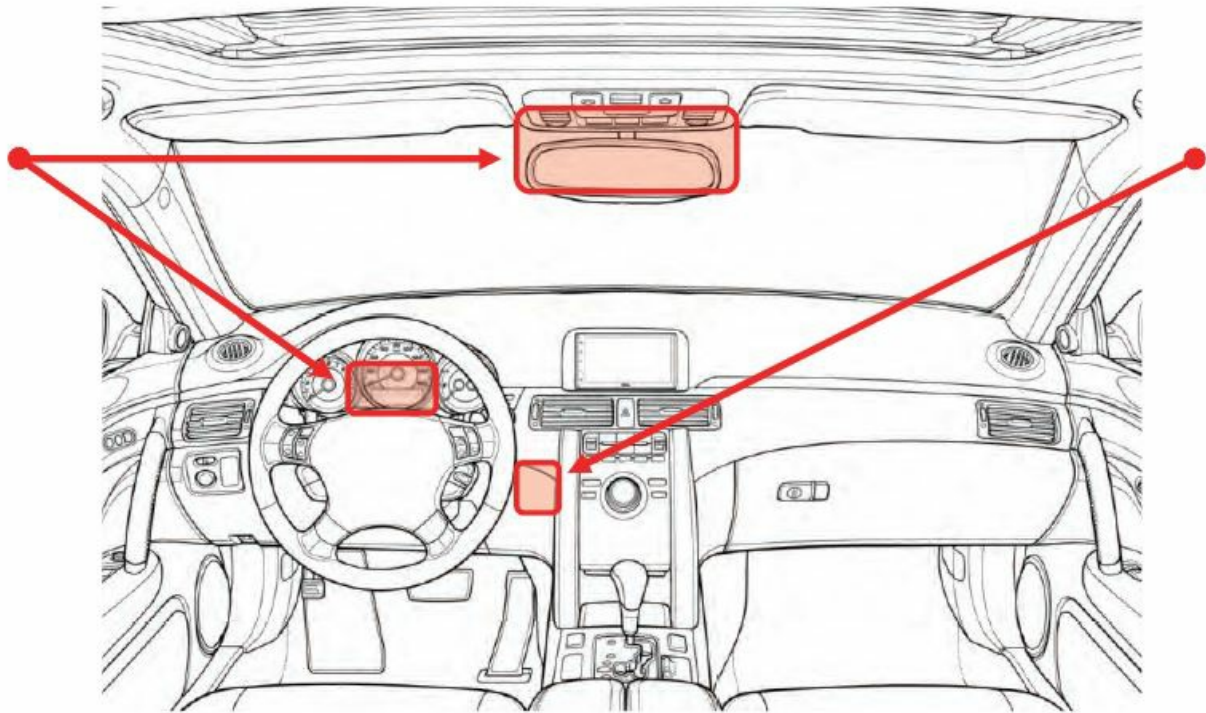
Troubleshooting

Issues	Cause	Solution
No Sound	Internal amplifier is off	Go to Settings > Audio > Internal Amp **ON**.
	Product is muted	Touch the volume.
	External amplifiers	Check the external amplifiers are on.
		Check the remote output wire has voltage.
	Audio source	Change the audio source.
Media Not Supported	Media on USB flash drive	Change the media format on the USB device.
		Change the USB device.
Poor Radio Reception	Radio area	Change the station.
	Antenna	Antenna output wire is not connected.
		Connect Antenna to product.
Apple CarPlay/Android Auto will not start	Bad Lightning®/USB cable	Replace the cable.
	Locked device	Device needs to be unlocked.
	Not charged	Device needs to be powered **ON** for CarPlay/ Android Auto to function. Allow it to charge and power on.
	CarPlay/Android Auto frozen	Unplug the device, close all Apps and plug it in again.
Bluetooth	Not connecting to device	Make sure the device is within range.
		Device's Bluetooth connection needs to be turned **ON**.
Bluetooth	Not connecting to device	Go to Setting >Connection >Power **ON**
		Pair and Connect the device like new.
Hands-free call quality	Mobile device	Check cellular strength on mobile device.
		End call and redial number.
	Microphone	Microphone placement needs to be relocated.
		Microphone needs to be firmly attached to location it's mounted on.
		Check to see if microphone is properly plugged in.
Unit is unresponsive	Processor has frozen	Restore the factory settings. Use a small pin to press the reset pinhole on the bottom of the display.

If you have questions about this product:

Customer Service

- 805-751-4853 M-F 8:30a-5:00p (PST)
- **Tech Support: www.bossaudio.com/support/technical-support**.

Specifications

General

- Power Input………………………………8.5 V—18 V DC
  - Nominal…………………………14.4 V DC
- Current Consumption ……………………15A
- Fuse Type…………………………………………………..15A
- Dimensions (H xW x D)…………. 1.97" x 7" x 4.9"
- Head UnitWeight…………………………….. 3.91 lbs.
- Operational Temperature ………………-4—140°F

Display

- Screen Size……………………………………………8"
- Aspect Ratio …………………………………………. 16 x 9
- Resolution …………………………………….. 1024 x 600
- Screen Type…………………….TFT-LED Active Matrix

Audio

- Max Power…………………………………….85W x 4 Ch.
- Acceptable Speaker Load……………………….4-8Ω
- Preset EQ……………………………………………………..5
  JAZZ, HIPHOP, POP, ROCK, R&B
- EQ Bands, Adjustable..………………………………..10
  - 32, 63, 125, 250Hz, 500Hz
  - 1KHz, 2KHz, 4KHz, 8KHz, 16KHz
- EQ Boost/Cut…………………………………..± 6 dB
- Pre-amp Output……………………………..3 Pairs
  - Front………………………4V, Full-Range
  - Rear………………………..4V, Full-Range
  - Sub (Mono)………………………4V, LPF
- Sub LPF…………….50 Hz, 80 Hz, 120 Hz, 160 Hz
- Sub Level…………………………………..+1-14dB

Radio Tuner

- Freq. Range..……………87.5 MHz-108MHz (FM)

- Freq. Range...................522 kHz-1710 kHz (AM)
- USA 1 Range (FM)...................100 kHz Spacing
- USA 2 Range (FM)...................200 kHz Spacing
- Europe Range (FM)....................50 kHz Spacing

Apple CarPlay

- iPhone Support.....................iPhone 5 or Newer
- iOS...iOS 7.1 or Newer

Android Auto

- Supported.....................(5.0) Lollipop or Newer

USB

- USB Spec............................USB 2.0 (High-Speed)
- USB Port 1: Carplay & Android Auto .... Current Output 1.5A
- USB Port 2: Media & 1.5A Charging .... Current Output 1.5A
- File System FAT32
- Audio Playback............ MP3, WMA, WAV, FLAC
- Video Playback......................... AV I, MKV, WMV
- Picture Playback........................JPG, PNG, BMP
    - Not all listed compressed files are guaranteed to play due to different creation methods or file contents.

Bluetooth

- Version...v4.2+E.D.R.
- Audio Codec..S.B.C.
- Profiles... HFP v1.6, A2DP v1.2, AVRCP v1.5, PBAP v1.1

Specifications are subject to change without notice.

Steering Wheel Control Compatibility

- A third-party adapter must be used in order for this unit to be compatible with your OEM steering wheel controls. We recommend the PAC SWC Series.
- This unit has a built-in 3.5mm SWC interface that is compatible with many popular 3rd party SWC control modules, such as PAC, METRA, and others.

Your product design may differ
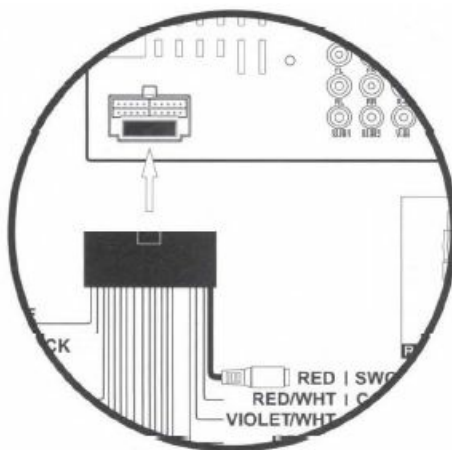
RED or BLACK color

3.5mm SWC port is located on the rear of the unit, on the MAIN POWER 1/0 Harness

The following Radio / Audio function controls are available:

- Source
- Mute
- Home
- Seek +/Next Track
- Seek -/Previous Track
- Volume+
- Volume –
- Band
- Phone Menu
- BT Talk
- BT End Call
- Voice Assistant/PTT

Note:

Not all OE steering wheel functions may be supported.

SWC INSTALLATION/PROGRAMMING

Contact your local installation expert for the correct adaptor for your specific vehicle.

1. For most SWC adaptors select the program using the "Pioneer/Sony/Other" mapping order as described above.
2. When programming, if a function is not supported (or not desired), then the function MUST be skipped as per the SWC module instructions.
3. The SWC function MUST be programmed in the correct order as per the function mapping order instructions.

For SWC programming technical assistance call the number in your SWC instruction manual SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

WE ARE A COMMUNITY!

We read all product feedback, so please share your experience with us and with others!

NEED SUPPORT?

Our U.S.-based Customer Support Team is standing by to help you with your inquiries.

- **CUSTOMER CARE:** (805) 751-4853 & Live Chat
- **ONLINE SUPPORT: www.bossaudio.com/support**.

JOIN OUR COMMUNITY

Join our #BOSSInsiders Program and have an impact on product updates & releases. Apply at **www.bossinsiders.com** to test and have an influence on future products.

Stay connected with the BOSS Audio Systems community plus get tips & tricks on products and installs.

- @BOSSAudioSystems

BOSS Audio Systems warrants its products purchased in the U.S. against any material or craftsmanship defects in the following categories:

- 1 Vear on Mobile Video, CD/DVD Receivers, Subwoofers, Speakers, Tweeters, ATV /UTV and Motorcycle Sound Systems from the date of original purchase. Qualified purchases may receive an additional two years (3 years total) when installed by a certified retailer. Proof of purchase is required.
- 5 Vear on Amplifiers. Qualified purchases may receive an additional one year (6 years total) when installed by a certified retailer. Proof of purchase is required.
- 1 Vear on all other Electronics and Accessories. There is NO EXTENDED WARRANTY available on these items. Please visit **bossaudio.com/policies** for more information.

Register Your Product Online

To register your product, scan this QR code with your smart device and fill in the online form. You can also find the online registration form at: **www.bossaudio.com/support**.

Your product may qualify for a FREE EXTENDED WARRANTY. Please see **www.bossaudio.com/policies** for the qualifications and details of this program.

THANK YOU

Welcome to the BOSS AUDIO SYSTEMS family of Proud audiophiles since 1987.

Documents / Resources

BOSS AUDIO SYSTEMS BE8ACP-C Digital Multimedia Receiver [pdf] User Manual
BE8ACP-C Digital Multimedia Receiver, BE8ACP-C, Digital Multimedia Receiver, Multimedia Receiver, Receiver

References

- **Home - Boss Insiders**
- **User Manual**