BOSS® AUDIO SYSTEMS ELITE

BE7ACP USER'S MANUAL

BLUETOOTH® | MP3-COMPATIBLE AM/FM RECEIVER

FEATURING 7" (178 mm) CAPACITIVE TOUCHSCREEN



Works with Apple CarPlay

works with androidauto

Bluetooth®

AUDIO SYSTEMS

Thank you for Choosing Boss Audio Systems!

IMPORTANT! Fill Out And Keep For Your Records.

IMPORTANT

Record the serial number of the product:

Model:

Serial Number:

Date of Purchase:

The serial number is located on the top part of the chassis.

Contents

Contents....2

Notes....4

Cautions....5-7

About this Manual....7

California Prop. 65....7

Basic Product Operation 8

What comes in the box....8

Product Basics....9-14

Using/Caring for the Touchscreen....12

Product Setup....13

Navigating the Menus....14

Apple CarPlay 15

Warnings....15

Using CarPlay....15

Gestures & Control....15

CarPlay Display....16

Disable Apps....16

Android Auto™....17

Warnings....17

Using Android Auto....17

Bluetooth® 18

Cautions....18

Setup & Connections....18

Phonebook....18

Device Status....18

Calling....19

History....19

Private Mode....19

Audio....20

Track Control....20

Media Player Source Switching....20

Media 21

Warnings....21

USB Playback....21

Navigating Menu....21

Photos....21

Radio....22

Display Overview....22

Controls....22

Tuning....22

Bands....22

Presets....22

Favorites....22

Contents

AV IN 23

Playback..... 23

Camera..... 23

Warnings..... 23

Reverse View..... 23

General Settings..... 24

Cautions..... 24

System Language..... 24

Time Zone..... 24

Date & Time..... 24

Auto Adjust Daylight Saving..... 24

System Tone..... 24

Power Off Delay..... 24

Parental Disc Lock..... 24

Audio..... 25

EQ..... 25

Balance/Fader..... 25

Subwoofer..... 25

Loudness..... 25

Internal Amp..... 25

Volume..... 25

Source level..... 25

Display Settings..... 26

Illumination Control..... 26

Gamma..... 26

Bluetooth® Settings..... 27

Device Name..... 27

Camera..... 27

Rear Camera input..... 27

Front Camera input..... 27

Rear View pelay..... 27

Radio Settings..... 27

Region..... 27

RBDS..... 27

Alternative Frequency (AF)..... 27

Traffic Announcement (TA)..... 27

Connections..... 28

Cautions & Warnings..... 28-33

Power/SWC 28

Speaker..... 29

Audio Pre-amp/AV IN/ Radio..... 30

Camera/USB/MIC..... 31

Parking Brake..... 32

Hands-free Mic..... 33

Troubleshooting..... 34

Specifications..... 36

Important

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, 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 iPhone or iPod may affect wireless performance.
ipone is 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 odor 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

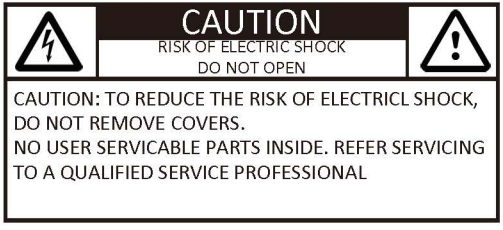
Refer any repairs to a qualified BOSS AUDIO SYSTEMS Service Center

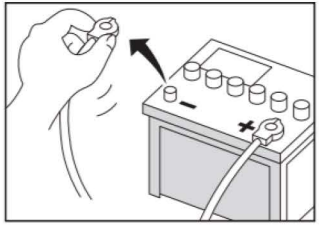
Caution

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 and all 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 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 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 product, it is recommended to read this entire user's 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 BE7ACP

Qty 1 Trim Ring

Qty 1 **Mounting Hardware Set**

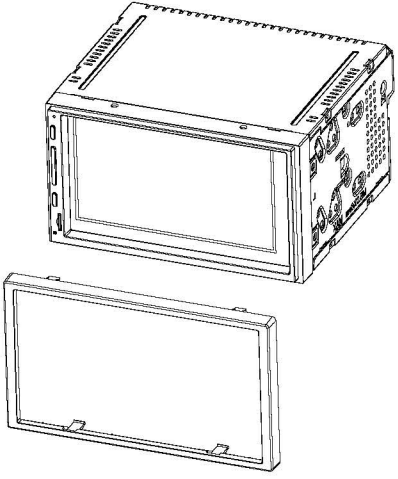
-M5 x 6mm Bolts (8)

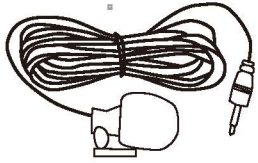
-Brackets (2)

Connections

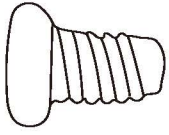
Qty 1 Power/Harness

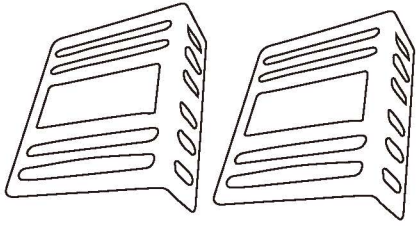
Qty 1 Hands-free Microphone





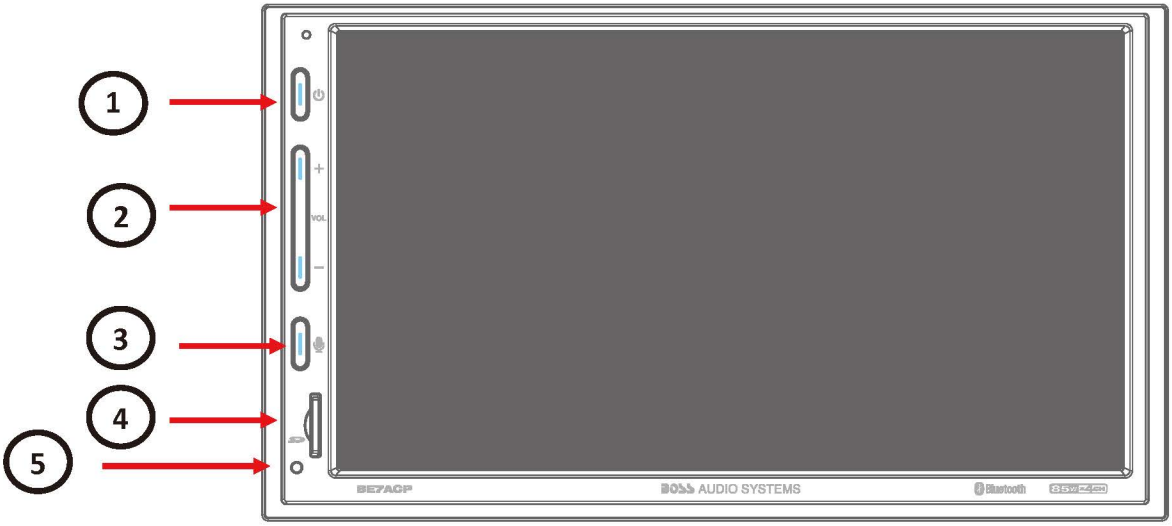






Basic Product Operation

Front Detail



1 Mute/Power Off

2 Volume Control

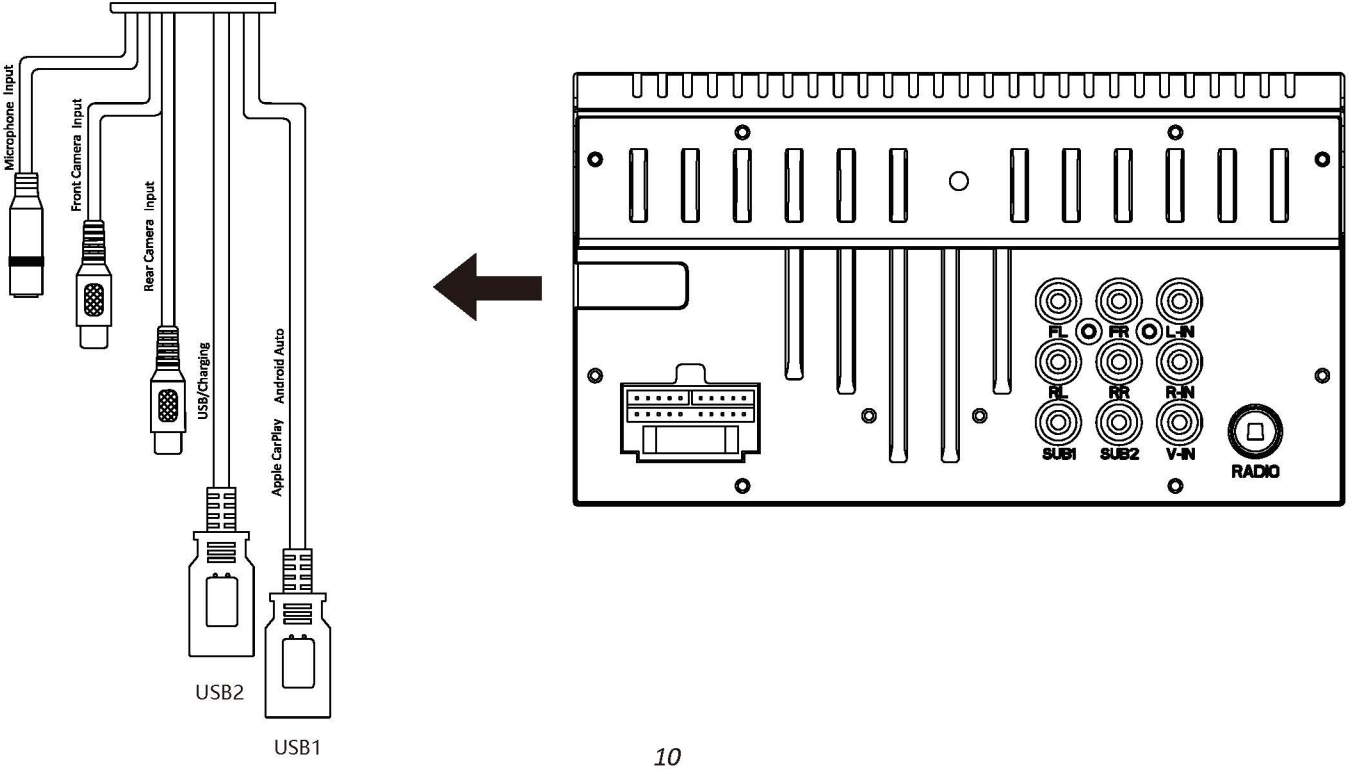
3 Siri Button

4 SD card slot

5 System Reset

Basic Product Operation

Rear Detail

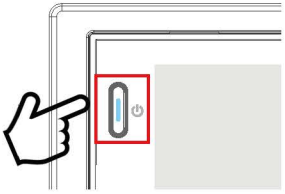


Basic Product Operation

Product Basics

Mute

1. Short press to mute

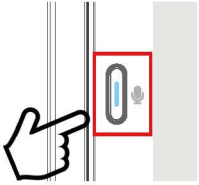


VIRTUAL ASSISTANT

press to command

NOTE

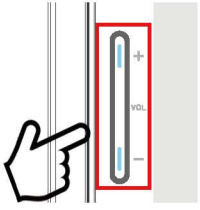
CarPlay or Android Auto must be active



Volume Control

1.press once on either"+" /"-"

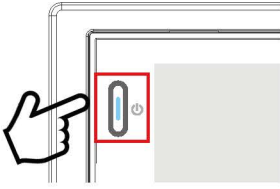
2.Long press fast to increase or decrease the volume



Standby/ Power On

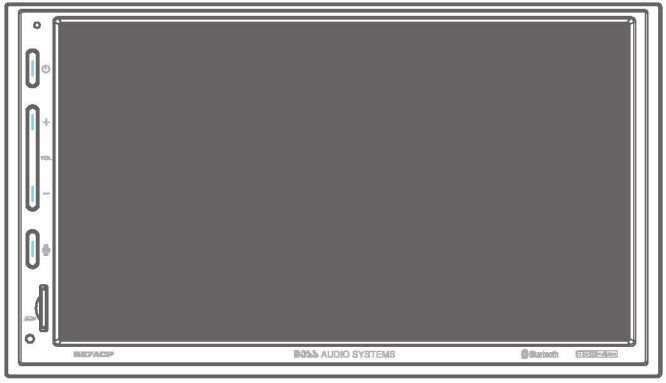
1.long press to Standby

2.Short press to Power ON



Basic Product Operation

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, it will not function properly.**

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

Care and Cleaning:

To clean the screen, use a dry microfiber 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.

Basic Product Operation

Product Setup (Date & Time)

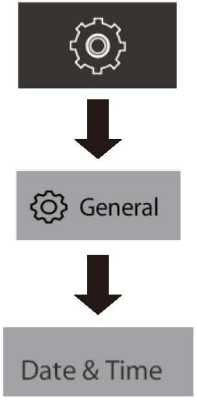
Setup Option A: CarPlay Method

Connect your Apple ® device using a Lightning® cable*. The CarPlay USB port must be used.

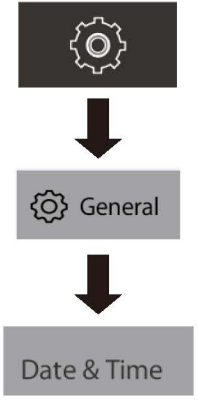
This will automatically setup the time and date.

User must set Time Zone manually.

Default is Pacific Time Zone



Setup Option B: Date and Time



Additional Setup

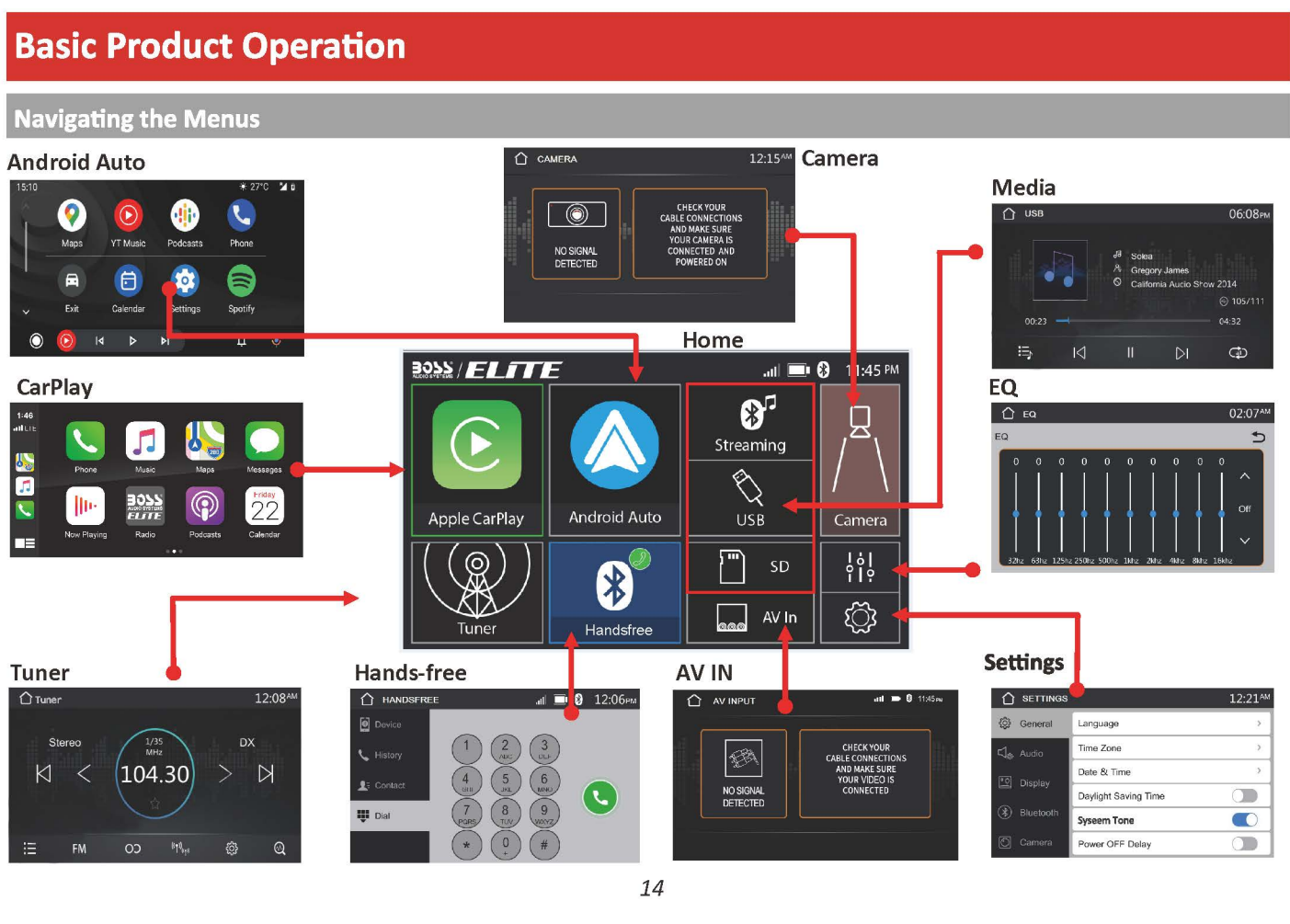
General > Language

Audio > EQ, Other Audio Settings

Display > Illumination, Brightness

Basic Product Operation

Navigating the Menus



Apple CarPlay

Using CarPlay

Note

Apple CarPlay 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 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 LIGHTING ® 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:

Touch 

Swipe 

Dragging 

Other gestures and controls might differ on each App.

NOTE

Volume control is handled exclusively by the product.

Apple CarPlay

Using CarPlay

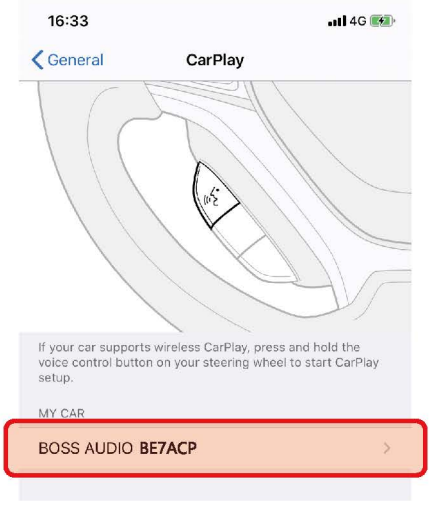
CarPlay Display Setup

1. Using your iPhone:

Settings > General > CarPlay

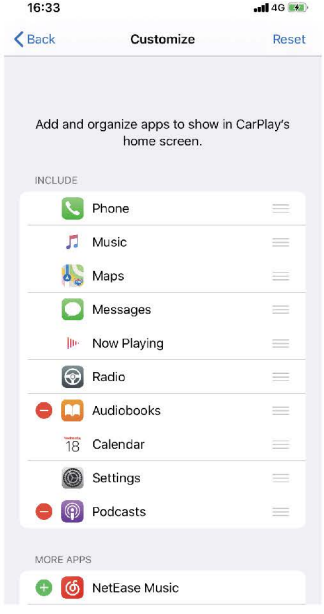
2. **Touch and Hold** each App icon to move.

To remove an App, **Touch** −



NOTE

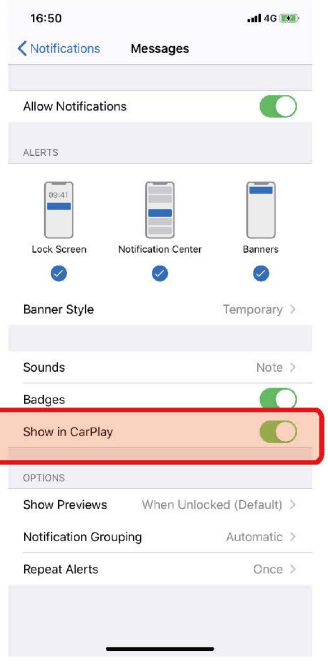
Only Apps with the − icon can be removed from CarPlay.
Only Apps with the + icon can be added in carplay.



How to Disable Apps

1. 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 Parking Brake Engaged.**

Android Auto App

1. For Android 9.0 or earlier, download and install the Android Auto app from Google Play. For smartphone 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, 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
your 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's guide of the mobile device.

CAUTION

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

First time Pairing

Using your phone,media or other Bluetooth device, try to connect to this headunit.

Mobile Device:
Search for ***BOSS AUDIO BE7ACP***

iOS Devices: **Settings > Bluetooth**

Android Devices: **Settings > Connections > Bluetooth**

A passcode is generated and will display on both the head unit and mobile device for secure pairing.

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**
1. 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.



Bluetooth®

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 BE7ACP**

Clear Records

Audio

Audio Streaming

To play media through Bluetooth, the mobile device must be **Paired and Connected** to the BE7ACP

1. **Touch** 

The music will play automatically.

Track Control

1. Play/Pause 
2. Track Fwd / Rev 
3. **Swipe** to Fwd/Rev 

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 is connects.

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)**

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/SD

USB/SD Playback

Touch 

The music will play automatically.

Audio Control

1. Play/Pause
2. Track Fwd / Rev
3. Repeat ALL
4. Repeat One
5. Random

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 

To browse contents **Swipe** 

To return to the current file playing,

Touch 

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.**

Note

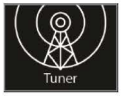
Review the connections of this product, to properly integrate the parking brake wire to the vehicle.

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

Radio

AM/ FM

Controls

Touch 

Tuning

To search for stations:

Search

Touch and Hold

Manual Seek

Touch

Auto Search & Store: Touch

Note

RBDS info (if available) and currently tuned **station will display on the radio icon in the** home screen

Not all stations will have or display RBDS info.



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 

To return the Tuner screen **Touch** 

Changing Presets

Touch

To list all Stored Stations

Touch

Stereo/Mono

To turn on/off stereo when receiving a stereo sig

Touch

LOC/DX

To select Local or Distant broadcasting statio

Touch

AV In/Camera

External Source

Playback

Touch 

Media must be controlled from the external device.

Track functions are not controlled from 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 rear view camera; always check your surroundings before proceeding.

Images may appear reversed

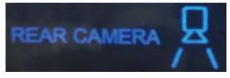
Do not use features of this product if it cannot be operated safely and legally in your **location.**

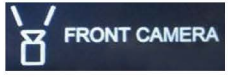
Rear View

The rear view camera can by displayed on demand.

Touch 

If the user opens the SETTINGS interface and turn on both 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 rear view trigger can be delayed to best suit the vehicle.

Default setting: ***0 Sec*** Delay

Note

The rear view 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

24H Mode

Touch 

Auto Adjust Daylight Saving

Touch 

Note

If using an CarPlay, the iPhone will **automatically set date & time. Time Zone** needs to be adjusted manually.

System Tone

Touch 

Power Off Delay

Some vehicles during crank to start will interrupt the accessory power.

If the product re-boots during crank to start, Turn **ON** 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.

Parental Disc Lock

Touch to select parent control level.

Factory Settings

To restore settings to default:

Touch 

CAUTION

Will restore all settings to factory defaults.

All settings and presets will be lost.

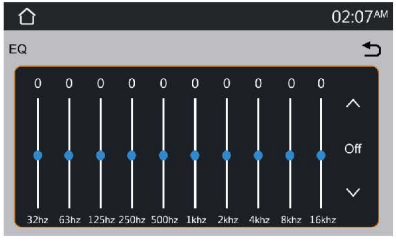
Setting

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 

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 

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, SD, BT Audio, AV Input, Apple carplay, Andriod Auto) gain contro

Settings

Display

Illumination Control

Touch 

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 

Bluetooth

UI settings

Wall paper

Touch to change

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

Background Brightness

Swipe 

Connection

Touch 

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 

Auto connects to the device when the product is powered ON

Default Setting: ON

Auto Answer

Touch 

Auto answers when there is an incoming call.

Default Setting: OFF

Settings

Bluetooth

Device Name

BOSS AUDIO BE7ACP

Rear Camera input

Turn on if you have a rear view camera, turn **off if you have not.**

Front Camera Input

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

Parking Assist guide

Turn off if your rear view camera have parking assist guide, turn on if you have not.

Parking Assist guide Adjust

You can adjust parking assist guide



Camera

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.
Sensitivity should be adjusted to trigger only on 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)

RBDS, Radio Broadcast Data System

Touch

Default Setting: ON

Allows data from the radio station to be displayed on the product.

Radio

RBDS, Cont'd

Not all stations will broadcast information to display.

AF (Alternative Frequency)

Touch 

When **On, the tuner will automatically locate the same tuning program on other stations** and select the strongest signal of those being broadcast.

Default Setting: OFF

TA (Traffic Announcement)

Touch 

The radio will automatically tune in to traffic information broadcasts while receiving FM broadcasts playing media.

Default Setting: OFF

nnections

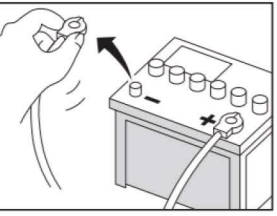
ver/SWC

CAUTION

ecommended to have the product
lled by a certified installation
essional.

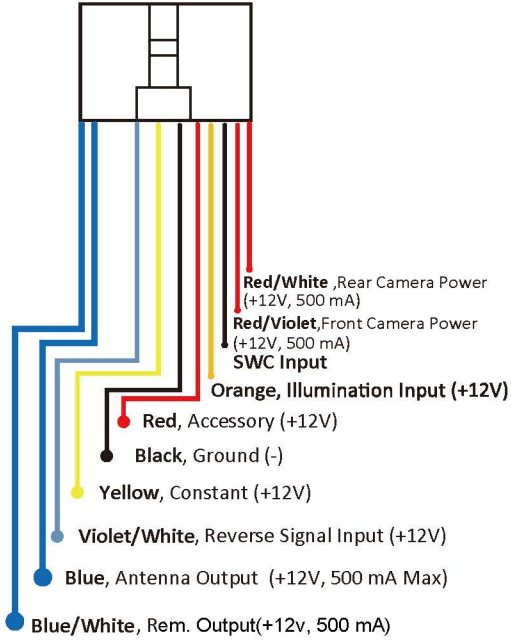
CAUTION

re installation, or wiring connections,
nnect the negative (-) battery terminal to
ent damage to the product, and/or
ble injury.



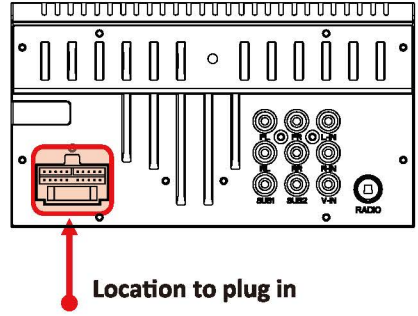
CAUTION

ote Out is 500 mA max output rating.
veral amplifiers are to be used, it is
mmended to use a relay for the Remote
trigger.



Note

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



Note

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

Note

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

Connections

Speakers

CAUTION

Do not chassis ground any speaker wire leads.

CAUTION

Only use 4-8 Ω Speakers

Do not use 1-3 Ω Speakers

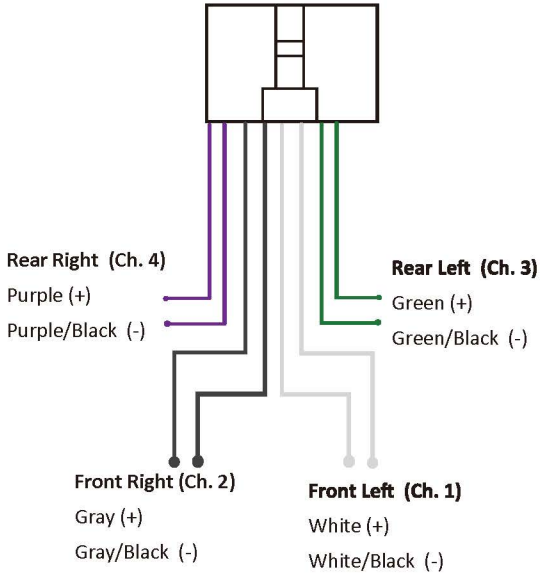
CAUTION

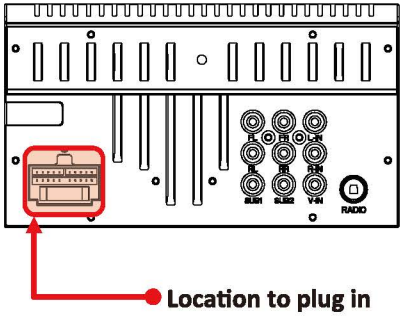
Do not bridge any of the channels, they are only to be wired in stereo mode.

Note

Unused speaker wires need 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.**

Connections

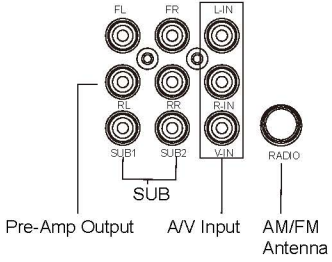
Audio Pre-amp/AV IN/ Radio

Note

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

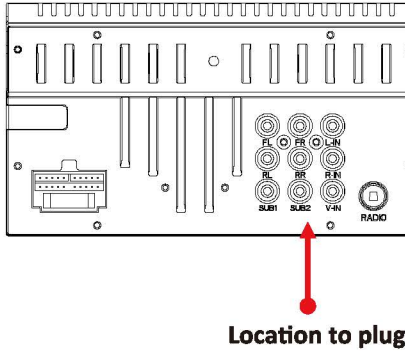
Note

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



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.



Connections

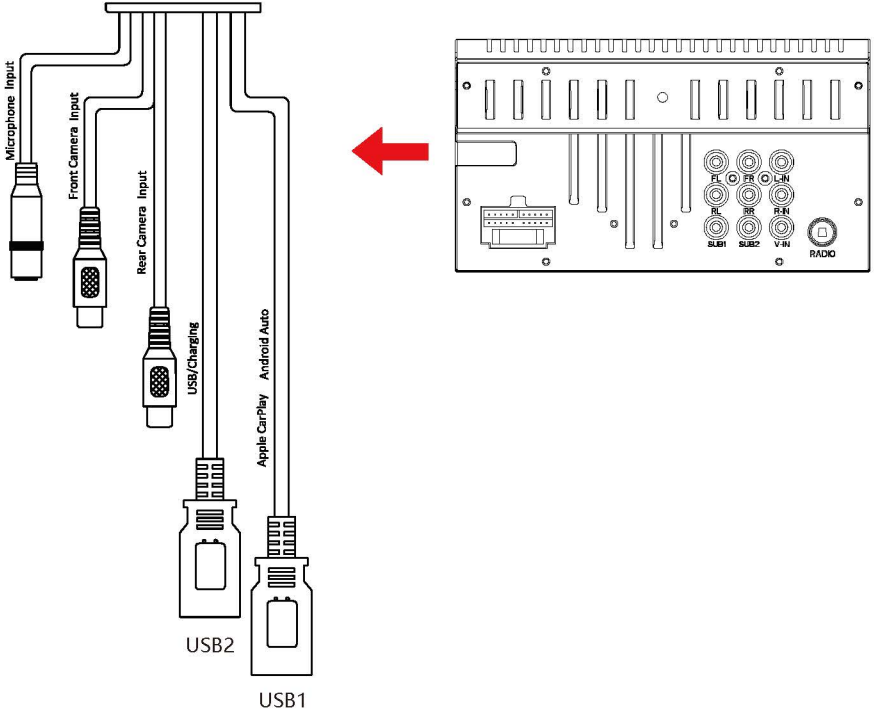
Camera/USB/MIC

WARNING

Never rely solely on the rear view 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.

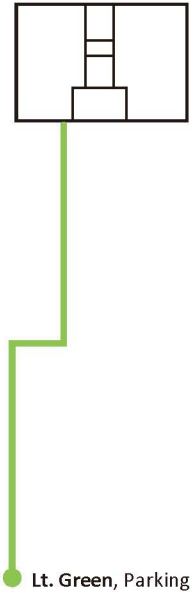
Note

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

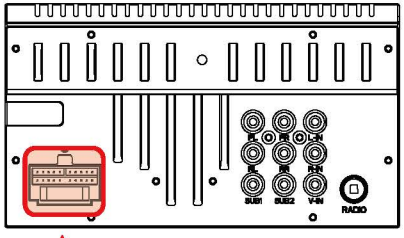
Note

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.



Lt. Green, Parking Brake Input



Power/Speaker/SWC Harness

Note

The parking brake input needs to be connected to the power side of the parking brake.

Note

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

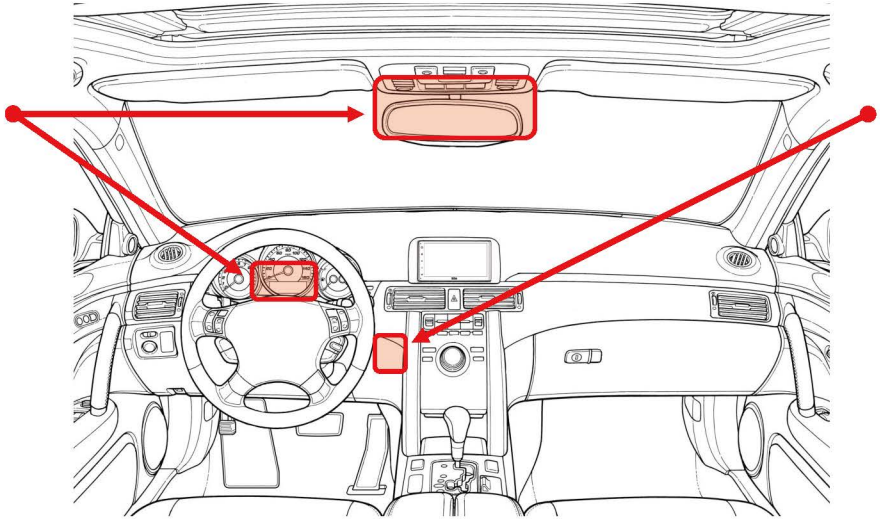
Connections

Hands-free Mic

Placement

Every vehicle will perform differently due to layout, interior materials, etc...

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 steering column area.
3. Front of mic must not be blocked.
4. **Mic should be firmly attached to 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
Bad Radio Reception	Radio area	**Change the station**
		Turn **OFF** AF and TA
		Turn **OFF** RBDS
	Antenna	Antenna output wire isn't connected
		Connect Antenna to product
Apple CarPlay/Anroid 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.
		Devices' Bluetooth connection needs to be turned **ON**

Troubleshooting

Issues	Cause	Solution
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	Press the **RESET button on the front panel**

BOSS AUDIO SYSTEMS

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

© 2019 Boss Audio Systems

Specifications

General

Power Input.....8.5 V—18 V DC
Nominal.....14.4 V DC
Current Consumption.....15A
Fuse Type.....15A
Dimensions (H x W x D).....3.8"x6.71"x6.3"
Head Unit Weight.....2.20 lbs.
Operational Temperature.....-4—158°F

Display

Screen Size..... 7"
Aspect Ratio.....**16 x 9**
Resolution.....**1024x600**
Screen Type.....TFT-**LED Active Matrix**

Audio

Max Power.....85 W x 4 Ch.
Acceptable Speaker Load.....4-**8 Ω**
Preset EQ.....5
EQ Bands, Adjustable.....10
JAZZ, HIPHOP, POP, ROCK, R&B
32, 63, 125, 250Hz, 500Hz
1KHz, 2KHz, 4KHz, 8KHz, 16KHz
EQ Boost/Cut.....± 6 dB

Audio Cont'd

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-108 MHz (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
RBDS.....AF, TA

Apple CarPlay

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

Android Auto

Supported.....(5.0) or Newer

USB/SD

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.....WAV, MP3
Video Playback.....AVI, MKV, WMV
Picture Playback.....JPG, PNG, BMP

*Not all listed compressed files 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

User's Notes

BOSS®
AUDIO SYSTEMS
ELITE

udio Systems
nar Court • Oxnard, CA 93030
ossaudio.com
-4853 Customer Service
pport: www.bossaudio.com/support



rk of Apple Inc., registered in the U.S. and other countries. Apple CarPlay is a trademark of Apple Inc. BOSS Audio Systems is not affiliated with Apple Inc.
l mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by BOSS Audio Systems is under license.
nd trade names are those of their respective owners.
ademark of Google LLC.
rPlay 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.
use of this product with iPhone may affect wireless performance.