



## USER'S MANUAL

### PCPA975W WIRELESS Apple CarPlay & Android Auto™

BLUETOOTH® | 320 WATTS | IN-DASH DOUBLE-DIN  
FEATURING 6.75" (171 mm) CAPACITIVE TOUCHSCREEN

[www.planetaudio.com](http://www.planetaudio.com)

#### TELEPHONE

805-751-4854 Customer Service

#### TECHNICAL SUPPORT

[www.planetaudio.com/support](http://www.planetaudio.com/support)



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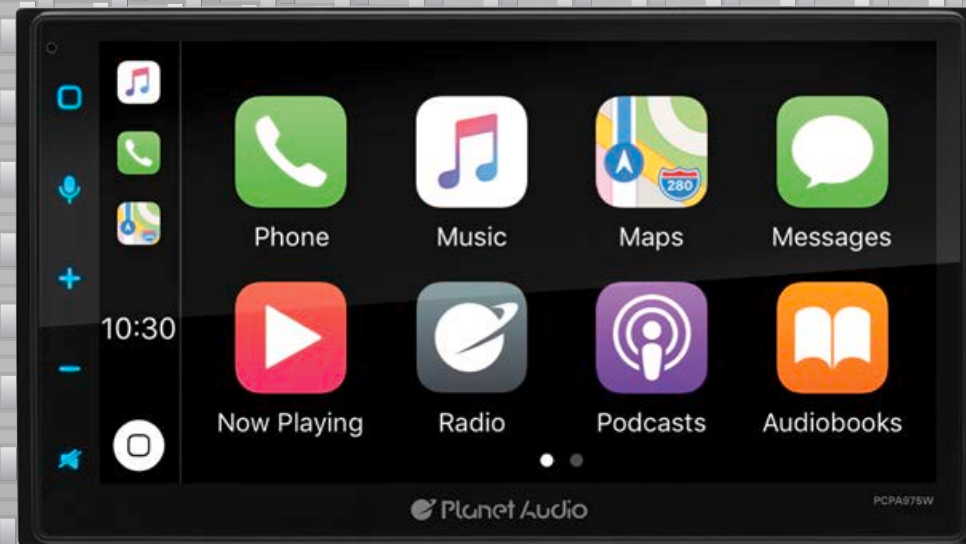
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### PCPA975W

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Planet Audio®





**Planet Audio®**

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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.



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.



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## IMPORTANT

Record the serial number of the

Product:

Model:

Serial Number:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. The Bluetooth antenna cannot be removed (or replaced) by user. This equipment complies with FCC/ IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles). Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the F CC 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:  Relocate or reorient 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.



### Caution

**Adjustments or alterations of this device may result in hazardous radiation exposure.**

# 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 **PLANET AUDIO** Service Center.

Using this product in this condition may result in permanent damage to the system.

## Installation Precautions

Planet Audio 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 .

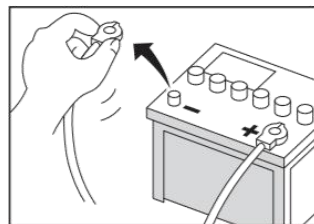
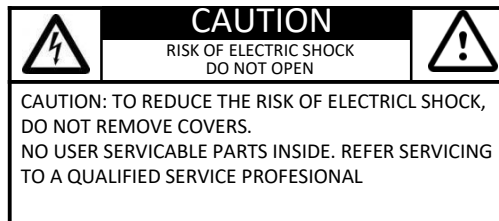
**Do not attempt to install or service this product by yourself.** Installation or servicing of this product by persons without professional training and experience in electronic equipment and motorized vehicle accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards

Refer any repairs to a qualified PLANET AUDIO 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 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.

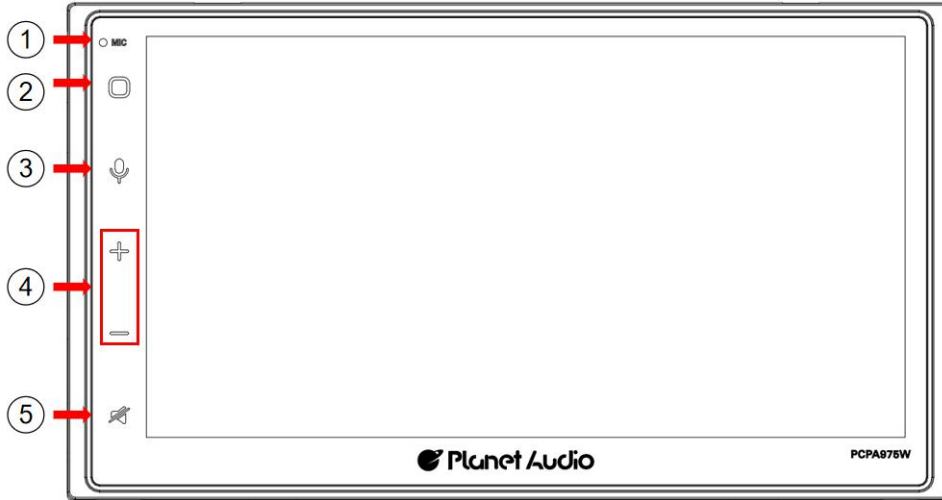
## About this manual

To entirely understand how to properly use your new Planet 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.



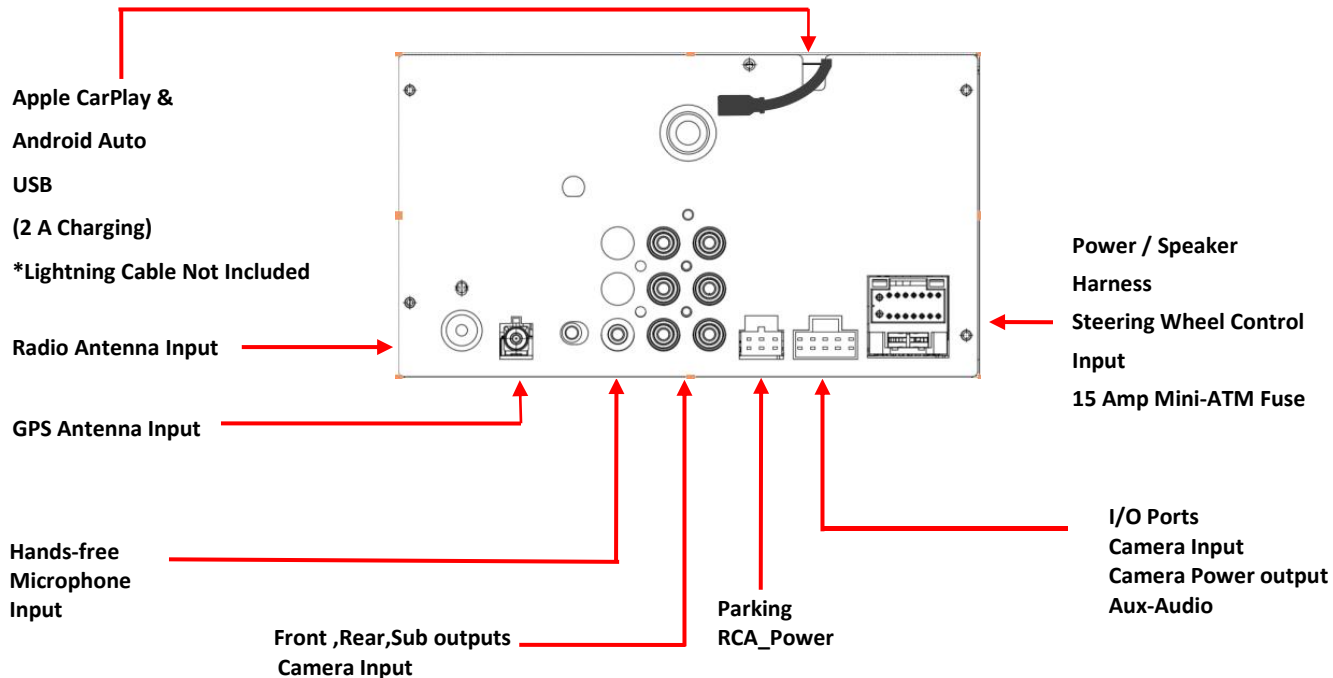
1 Microphone

2 Power/Home

3 Voice Recognition

4 Volume Control

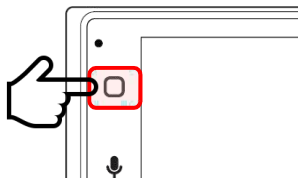
5 Mute/Screen Off



## Product Basics

### Power On /Standby

1. Touch once to Power ON
2. Touch and Hold for Standby

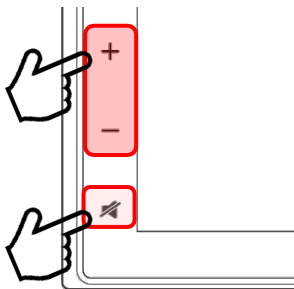


#### NOTE

In Standby Mode, the LED will slowly pulse on and off.

### Volume

1. Touch once on either "+" / "-"
2. Touch and Hold for quicker operation



### Mute

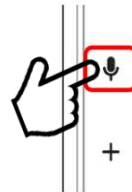
1. Touch to Mute

### Power On /Standby

1. Touch once to Power ON
2. Touch and Hold for Standby

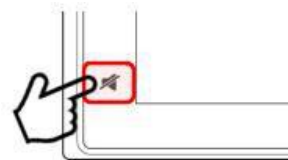
#### NOTE

Apple CarPlay or Android Auto must be active



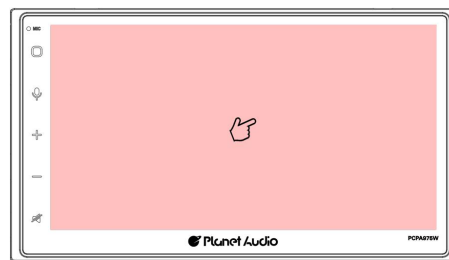
### Display Off

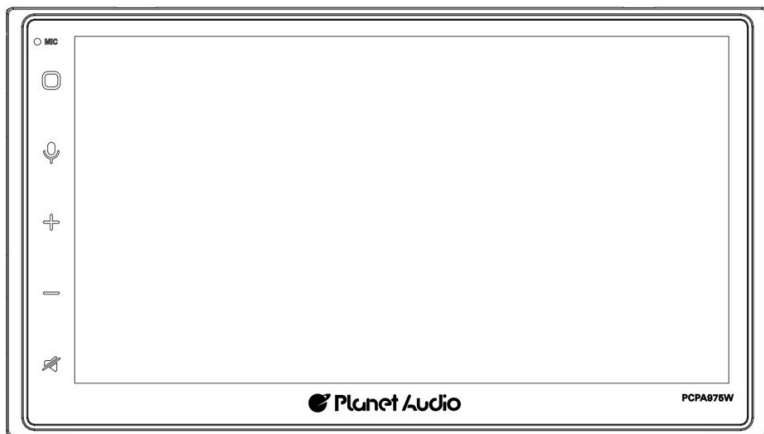
1. Touch and Hold Mute



### Display On

1. Touch the display to reactive





### 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.

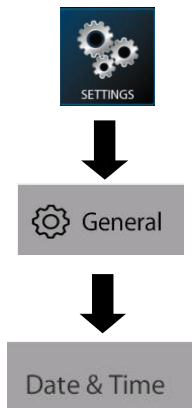
### Setup Option A: Apple CarPlay Method

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

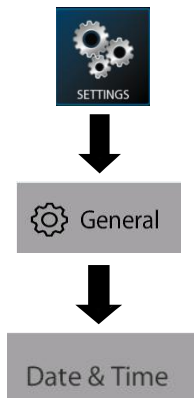
This will automatically setup the time and date.

User must set Time Zone manually.

Default is Pacific Time Zone



### Setup Option B: Date and Time



**Additional Setup** see *pg. 27*

General > Language

Audio > EQ, Other Audio Settings

Display > Illumination, Brightness, LED

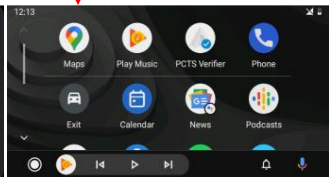
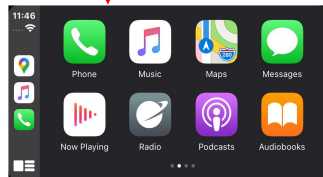
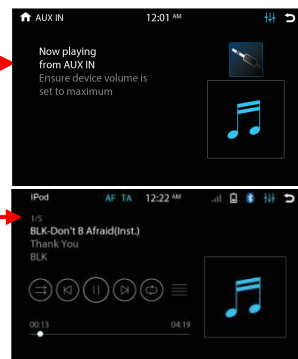
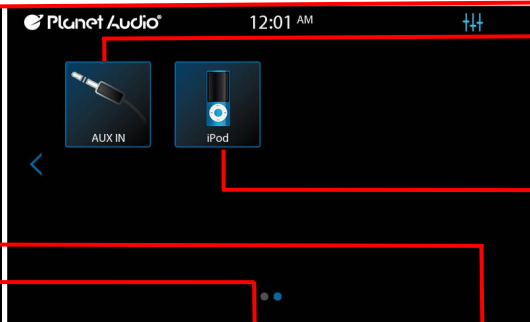
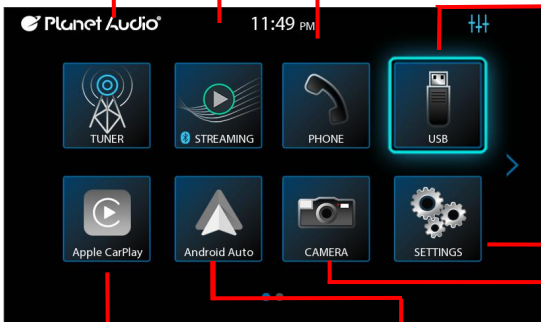
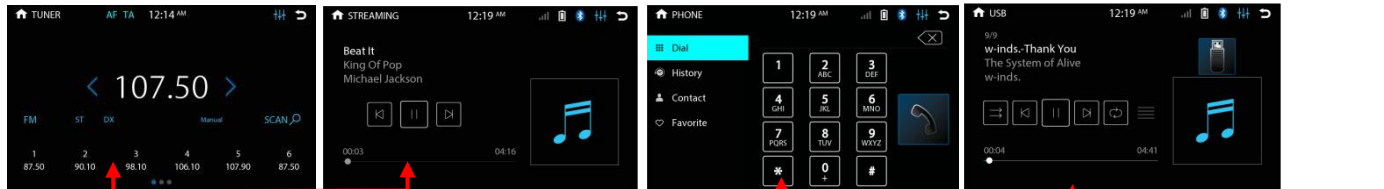
# Navigating the Menus

## Radio

## Streaming

## Phone

## Media



Apple CarPlay

Android Auto

Front and Rear camera

Settings

## Using Apple 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).

For other cautions and warnings see **pg. 9**

## Connecting to 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 homemenu

### Touch



Radio

### Wireless connection

1.When connected to Bluetooth, CarPlay will be reminded to load.

2.The iPhone will load the CarPlay function.

3.On the display, the CarPlay will illuminate green, touch it to enter the CarPlay menu.

### 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 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.



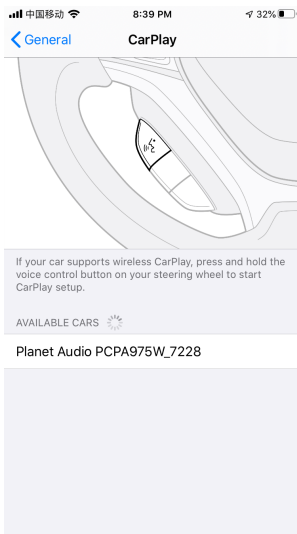
# Wired and wireless Apple CarPlay

## Using CarPlay

### CarPlay Display Setup

1. Using your iPhone:
2. Settings > General > CarPlay
3. Touch and Hold each App icon to move.

To remove an App, Touch 



### NOTE

Only Apps with the  icon can be removed from CarPlay.

To **Disable** other Apps see [pg. 15](#)



### How to Disable Apps

Using your iPhone:

Settings > Screen time > Content & Privacy Restrictions

> Allowed Apps > CarPlay



# Wired and wireless 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).

For other cautions and warnings see [pg. 9](#)

### NOTE

To complete the setup properly, the Parking Brake status wire must be connected. See [pg. 38](#)

### WARNING

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

## Android Auto App

1. Using your Android device, download the **Android Auto** app on Google Play.



Minimum Requirements:

Android 8.0 Lollipop

For a list of compatible devices:

<https://www.android.com/auto/>

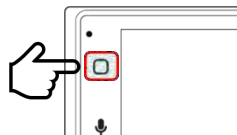
## Updating Related Apps

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

## Connecting to 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.
4. To return to the product home menu,

## Touch



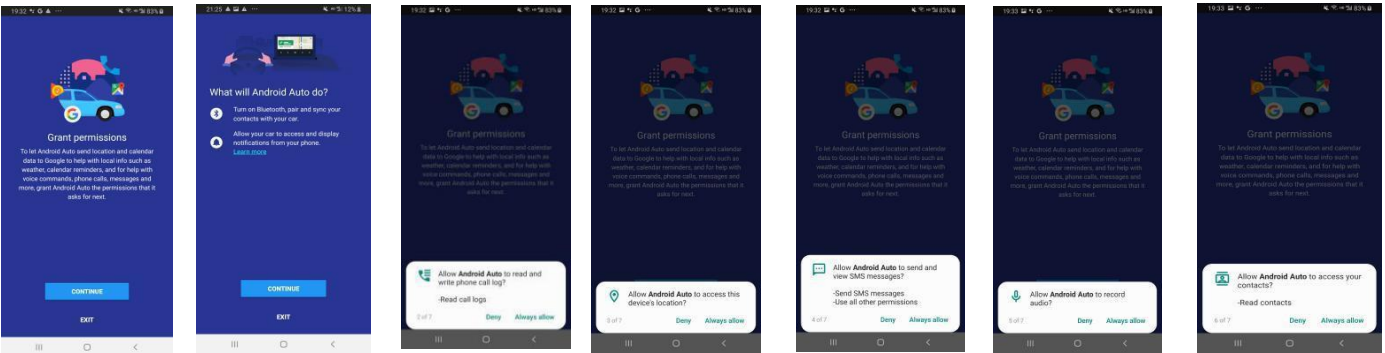
## Wireless connection

5. When connected to Bluetooth, Android Auto will be reminded to load.
6. The Android device will load the Android Auto function.
7. Bluetooth will connect automatically when the setup is completed.

# Android Auto

## Using Android Auto

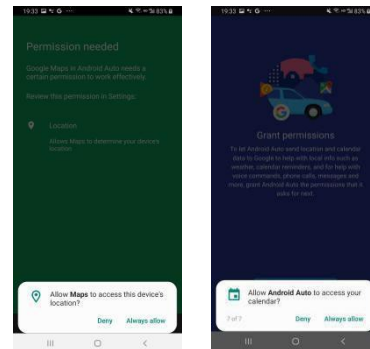
### Android Auto Permissions



### 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.



## Setup & Connection

### Phone Menu



### NOTE

CarPlay must not be active. If being used, disconnect the iPhone 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

Navigate to the Hands-free menu (*pg. 19*)  
Touch search to begin searching for devices

### Mobile Device:

Search for **Planet Audio PCPA975W\_XXXX**  
iOS Devices: **Settings > Bluetooth**  
Android Devices: **Settings > Connections > Bluetooth**

### NOTE

XXXX is the data randomly generated by the unit, which meet the requirements of certification

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.

Galaxy A9s

### Contacts and History

#### To Download Phone book:

1. Touch **Contact > Download**

Contacts will always be stored once downloaded

#### To Download History:

The phone book will be automatically synchronized after downloading

### Device Status

Battery strength and signal strength is displayed on the top right of the home menu.



## Calling

### Making & Receiving Calls

1. Dialing from the dial pad

2. History



**Touch** to make call

3. Contacts

**Touch** the contact name

4. History

Choose the history call record

To end a call **Touch**



To mute a call **Touch**



5. 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



## 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**



## Call Waiting

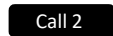
To accept another call:

**Touch**



To toggle between calls:

**Touch**



## NOTE

Active calls will be illuminated green

To **End** a call, **Touch**



## Default Settings

Bluetooth Power : **ON**

Auto Connect: **ON**

Auto Answer: **OFF**

Auto Download Phone book: **OFF**

Device Name: Planet Audio PCPA975W\_XXXX

For all settings see **pg. 26**

## Audio

### Audio Streaming

To play media through Bluetooth, the mobile device must be **Paired and Connected** to the Planet Audio PCPA975W\_XXXX, see **pg. 20**.

Touch



The music will play automatically.

### Track Control

1. Play/Pause A right-pointing triangle followed by two vertical bars.
2. Track Fwd / Rev A left-pointing triangle followed by a right-pointing triangle.

### NOTE

Profiles required for audio playback and control on the mobile device:

**A2DP** (Advanced Audio Distribution Profile)

**AVRCP** (Audio Video Remote Control Profile)

### Media Player (Bluetooth)

Playback access is also available through the Media Player

Touch



### 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 it 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.

### Display

Track info will be displayed when available.

Track, Album and Artist.

Album art supported via Bluetooth playback.

## USB Playback

Touch



The music will play automatically.

## Audio & Video Control

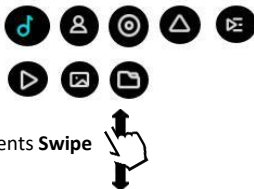
1. Play/Pause
2. Track Fwd / Rev
3. Repeat List
4. Repeat File
5. Random

### NOTE

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

## Navigating Menu

Touch



To  
browse contents **Swipe**

To return to the current file playing,

Touch



## Photos

1. Play/Pause
2. Fwd/Rev
3. Rotate

### 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.

### Controls

Touch



### Tuning

### Search

Touch and Hold < >

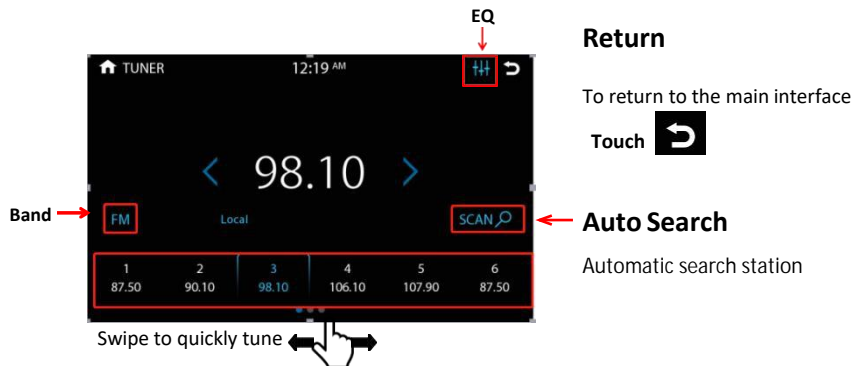
### To search for station

#### NOTE

RBDS info (if available) and currently tuned

Station will display on the radio icon in the home screen

Not all station will have or display RBDS info



### Return

To return to the main interface

Touch



### Auto Search

Automatic search station

### EQ

To change radio EQ

To touch



For all EQs, see [pg. 27](#)

### Band

Touch **FM/AM** to switch



## External Source

### Playback (Audio Only)

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.

### Front + Rear View

Rear and Front view camera can be displayed on demand.

Touch



To return to the Home screen

Touch



### NOTE

The **Camera Trigger Output** wire must be connected for Camera source to function.

### 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 or front view trigger can be delayed to best suit the vehicle.

See **Settings pg. 27**

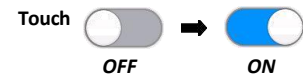
Default setting: **0 Sec** Delay

### NOTE

The rear or front view camera will still function normally, if the product is in standby mode

## Audio

### System Tone



Default Setting: OFF

### Loud

Enhances and gently boosts low and high freq.



Default Setting: OFF

### Subwoofer

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

Level, -8 - +8 dB

Default Setting: 0dB

Touch < >

Filter: 80 Hz, 120 Hz, 160 Hz @ 12dB/Oct

Touch < >

To adjust the EQ bands

Touch < >

### Volume

Settings are for default volumes for Hands- free.

Media Player is a global setting for media.

### Source Level

The level can be adjusted for the different source output.

Touch < >

### Audio Effect

Preset EQ , User, Pop, Blues, classical, Jazz ,  
Electronic, Rock, Country,



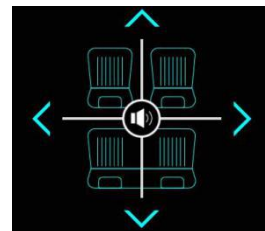
### Balance/Fader

Left/Right Balance, Touch < >

Swipe for quick adjustment

Front/Rear Fader, Touch Swipe

for quick adjustment



## General


### Date & Time

#### Time Zone

Adjust to correctly display time

Default Setting: (GMT-05:00) Eastern Time (US)

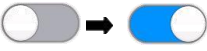
#### Date

Touch 

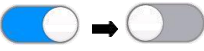
#### Time

Touch 

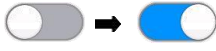
#### 24H Mode

Touch   
OFF ON

#### Auto Adjust

  
ON OFF

#### Auto Launch

Touch   
OFF ON

### Android Auto

Touch   
ON OFF


### Camera Settings

#### Camera Trigger


Trigger the front or rear camera or close

Touch < >

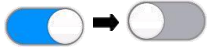
#### Rear Camera

Touch   
ON OFF

#### Front Camera

Touch   
OFF ON

#### Camera Power

Touch   
ON OFF

#### Rear or Front camera delay

Delay 1sec, 2sec, 3sec exit camera page

Touch < >

### Radio off after 1min

Delay 1minute ACC OFF

Touch   
OFF ON

Default Setting: OFF

Retain ACC Power

Retain 1sec、2sec、3sec ACC OFF

Touch < >

### System Language

Touch to change

English (Default) , Spanish

### Wallpaper

 Touch 

User can change the background

### Factory Settings

restore settings to default:



It will restore all settings to

factory defaults. All settings and

presets will be cleared

Touch < >

Adjust day mode brightness value

## Night Brightness

Touch < >

Adjust night mode Brightness

When the vehicle lights are on, the products illumination will be change to night brightness automatically

Screen and LED brightness settings for this

## Gamma

Touch < >

Gamma can be adjusted for both day and night settings.

Touch  

Will cycle through all colors on LED touch buttons.

Default Setting: **ON**

## LED Color

Touch 

Adjust button lights in different colors

## Illumination Default

To restore Illumination settings to default


Touch 

Will restore all display settings.



## Bluetooth Device

Touch   
search bluetooth devicee

## Apple CarPlay Device

Touch 

Wireless Apple CarPlay device search

Bluetooth Power  
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 connect to the device when the product is powered ON

Default Setting: **ON**

## Auto Answer

Touch  

Auto answer when there is an incoming call. Default Setting: **OFF**

### Device

#### Auto Download

##### Phone Book



Automatically downloads phone book

Default Setting: OFF

##### Manual Download Phone



##### Manual Delete Phone

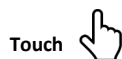


##### Device Name



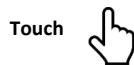
Default name : Planet  
Audio PCPA975W\_XXXX

##### Reset wifi password:



Will reset the wifi password

#### Seek Quality FM/AM



Adjust the **sensitivity** of both AM/FM bands



Will reset the seek sensitivity to back to default

#### Region



Default Setting: **America 2**

US Tuner Spacing: FM (200 KHz), AM (10 KHz)

European Spacing: FM (50 KHz), AM (9 KHz)

#### RBDS, Radio Broadcast Data System



Default Setting: **ON**

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

#### RBDS

RBDS stations will broadcast information to display

#### AF (Alternative Frequency)



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)



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

Default Setting: **OFF**

#### Auto Preset



Automatically search and preset stations

# Settings

## About

Displays the system information:

SETTINGS	12:32 AM		
General	Hardware Version	V1.0.3	Hardware Version
Audio	Software Version	PCPA975W_V1.0.8.3_T	Software Version
Illumination	Bluetooth Version	V1.34	Bluetooth Version
Device	BT MAC	B0:20:81:EC:8C:BE	BT MAC
Radio	Serial Number	dc25:9e49:0020:f1b1...	Serial Number
About	USB NCM MAC	7e:11:29:36:97:20	USB NCM MAC

## NOTE

Software version information depends on the software used for production

Issues	Cause	Solution
No Sound	Internal amplifier is off Product is muted External amplifiers Audio source	Go to Settings > Audio Touch the volume. Check the external amplifiers are on. 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	Go to Settings > Radio > Sensitivity Adjust AM/FM Sensitivity Change the station Turn OFF AF and TA Turn OFF RBDS
	Antenna	Antenna output wire isn't connected
Apple CarPlay/Android Auto will not start	Bad Lightning®/USB cable Locked device Not charged	Replace the cable Device needs to be unlocked 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

## Issues

Bluetooth

## Cause

Not connecting to device

## Solution

Go to Settings > Bluetooth > 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.



**Planet Audio®**

If you have questions about this product:

Customer Service

**805-751-4854**

M-F 8:30a-5:00p (PST)

*Tech Support: [www.planetaudio.com/support/technical-support](http://www.planetaudio.com/support/technical-support)*

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PCPA975W



## General

Power Input.....	10.8 V—16 V DC
Nominal.....	14.4 V DC
Current Consumption.....	10 A (Max)
Fuse Type.....	15 A, Mini-ATM
Dimensions (H x W x D).....	4" x 7" x 6.5"
Unit Weight.....	3.1 lbs.
Operational Temperature.....	-4—158°F

## Display

Screen Size.....	6.75"
Aspect Ratio.....	16 x 9
Resolution.....	480 x 800
Screen Type.....	TFT-LED Active Matrix

## Audio

Max Power.....	80 W x 4 Ch.
Acceptable Speaker Load.....	4-8 Ω
Preset EQ.....	8
EQ Boost/Cut.....	± 7 dB

## Audio

Pre-amp Output.....	4.1
Front.....	2V, Full-Range
Rear.....	2V, Full-Range
Sub (Mono).....	2V, LPF
Sub LPF.....	80 Hz, 120 Hz, 160 Hz @ 12dB/Oct
Sub Level.....	-8 - +8dB

## Radio Tuner

Freq. Range.....	87.5 MHz-108 MHz (FM)
Freq. Range.....	522 kHz-1710 kHz (AM)
America Range (FM).....	100 kHz Spacing
America 2 Range (FM).....	200 kHz Spacing
Europe Range (FM).....	50 kHz Spacing
RBDS.....	AF, TA
S/N Ratio (FM).....	60 dB (Analog Broadcast)
Sensitivity.....	10 dB
S/N Ratio (AM).....	45 dB (Analog Broadcast)
Sensitivity.....	30 dB

## Apple CarPlay

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

## Android Auto

Supported..... (8.0) Lollipop or Newer

## USB

USB Spec.....	USB 2.0 (High-Speed)
USB Current Output.....	2A (Max)
File System.....	FAT32
Audio Playback.....	WAV, MP3, WMA, APE, FLAC, OGG
Video Playback.....	AVI, OGM, MKV, MOV, WMV
Picture Playback.....	JPG, PNG, BMP

Flash Drive Support..... up to 128GB

\*Not all listed compressed files guaranteed to play due to different creation methods or file contents.

## Bluetooth®

Version.....	v3.0+E.D.R.
Audio Code.....	S.B.C.
Profiles.....	
A2DP v1.2, AVRCP v1.4, GATT v1.0, HFP v1.5, PBAP v1.0	
Output Power.....	Class 2
Up to 33 ft (10m), Free-range	