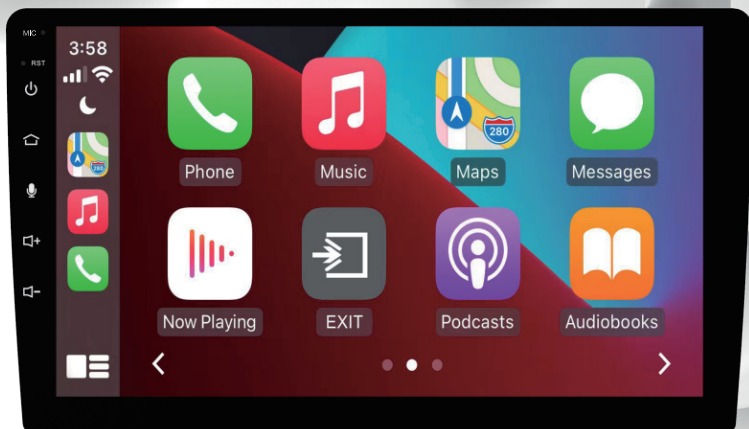


Q9WCA MANUAL



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Important

The 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.

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.

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 noise, or odor from this product, or any other abnormal signs, immediately turn off the power and consult your dealer or the nearest authorized Service Center.

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

Installation Precautions

We do not recommend installing the product yourself.

We recommend having 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 with 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 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 local laws for the 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. 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, for example, images on screens may be slightly different from the actual product.

Image and Video

Watching video while driving is against 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 operating 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 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

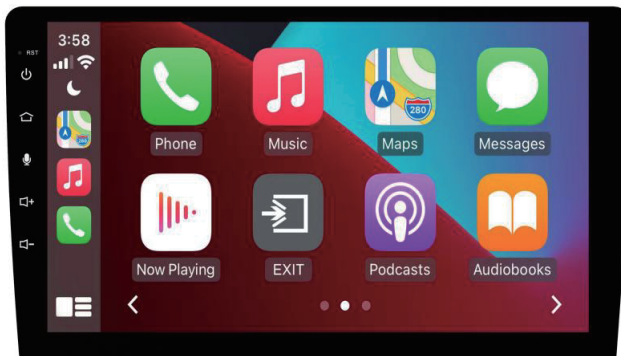
Basic Product Operation

Accessories

- Qty 1 Head unit
- Qty 1 ISO main harness
- Qty 1 Harness RCA Inputs- outputs
- Qty 1 Harness two camera inputs
- Qty 2 USB cables
- Qty 1 External Microphone and cable
- Qty 1 GPS Antenna
- Qty 1 Fasteners kit

Front Buttons

- 1.Microphone
- 2.Reset
- 3.Power/MUTE
- 4.Home
- 5.Voice
- 6.Volume +
- 7.Volume-



Product Details

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.

Product Setup (Date & Time)

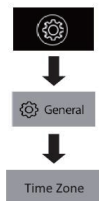
Setup Option A:

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

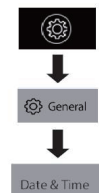
This will automatically set up the time and date.

Users 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>Illumina ☒ on, Brightness

Apple Carplay

Using Carplay

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>

Wireless Apple CarPlay:

After Bluetooth pairing is successful, the device will prompt to start CarPlay. Before connecting wirelessly, make sure the GPS antenna is installed.

Click “Use CarPlay” and enter the CarPlay function.


Click “Not Now” and do not use Carplay.

Connect 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, please touch 

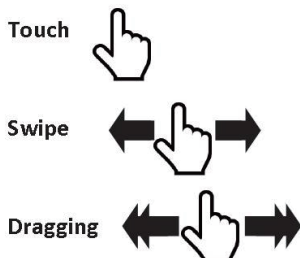
The product’s Bluetooth will turn OFF automatically when Carplay is in use. Hands-free phoning will function through the CarPlay feature.

When using CarPlay, there is no need to pair your iPhone, the USB cable connected through the rear 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 differ on each App.

Volume control is handled exclusively by the product.

CarPlay Display Setup

1. Using your iPhone: Settings> General> Carplay
 2. Touch and Hold each App icon to move. To remove an App, Touch 
- 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

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/>

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

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.

2. The phone needs Android 11 or above to support wireless connection.

Minimum Requirements: Android 6.0

For a list of compatible devices: <https://www.android.com/auto/>

Updating Related Apps

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.

Wireless Android Auto:

After Bluetooth pairing is successful, the device will prompt to start Android Auto. Before connecting wirelessly, make sure the GPS antenna is installed.

Click “Start” and enter the Android Auto function

Click “Not Now” Do not use Android Auto

Click the icon on the main interface to enter Android Auto.

Android Auto 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 and Connection

Hands-Free Menu

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.

First time Pairing

Using your phone, media, or other Bluetooth devices, try to connect to this head unit.

Mobile Device:

Search for the head unit name

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.

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

Phonebook and History

To Download Phonebook:

1.Touch Contact > Download

2.To Download History

3.Touch History > Download

Device Status

Battery and Cellular Strength are displayed on the top right of the Home menu. GATT Pro le support is required on the mobile device.



Hands-Free

Calling

Making & Receiving Calls

1.Dialing from the dial pad: Touch the Green Phone icon to make a call


2.Contacts: Touch the contact name

3.History: Choose the name, they will be displayed automatically.

4.To End a call Touch the Red phone icon.

5.To mute a call Touch the Gray microphone icon.

Dial pad

Touch  to use the dial pad while on a call

Searching History

Swipe Up or Down to search

History

- 1.Blue left arrow icon: Outgoing Call
- 2.Green right arrow icon: Incoming Call
- 3.Red arrow icon: Missed Call

Private Mode

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

Touch the Bluetooth icon to switch the mobile device.

Touch the mobile phone icon to return to hands-free mode.

Searching Contacts

Contacts must be downloaded to search.

- 1.Touch magnifying glass icon
- 2.Enter the Contact Name, then click OK

Audio

Audio Streaming

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


Touch the BT Audio icon the music will play automatically.

Track Control

For best performance, your mobile device volume setting should be set to maximum. All volume adjustments for the system should be controlled by the product. The unit will recall the last volume setting on your mobile device every time Bluetooth connection is made.

1.Play/ Pause 


2.Track Fwd./ Rev 

3.Swipe left and right to Fwd. or Rev 

Formats

Playback is supported from the mobile device in any format it can play. Audio will only be played by the product. Video cannot be viewed on the unit.

Switching Media

Touch  , then available sources will display. (Bluetooth and USB)
USB source will only be displayed if a USB drive is inserted and has playable media.

Display

Track info will be displayed when available. Album art is not supported via Bluetooth playback.

Media


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.

USB

USB Playback

Touch the USB icon then the music will play automatically.

Audio Control

1.Play/ Pause 

2.Track Fwd./ Rev 

3.Repeat ALL 

4.Repeat One 

5.Random 

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

Video Control

1.Play/ Pause 

2.Track Fwd./ Rev 

3.Repeat ALL 

4.Repeat One 

5.SETUP 

Photo Control

1.Play/ Pause 

2.Track Fwd./ Rev 

3.Repeat ALL 

4.Repeat One 

5.Rotate 

Navigating Menu

Touch the bottom bar.

Swipe up and down to browse contents.

Touch the Playing icon to return to the current file playing.

Radio



AM/ FM


Controls

Touch radio icon.

Touch the middle of the radio UI can return to the Tuner screen.

Tuning

To search for stations, please touch and hold one of these icons:  

To seek a manual, please touch this icon: 

To auto search and store, please touch magnifying glass icon.

Station Listing

The first icon of the bottom bar.

Touch it to list all Stored Stations.

Bands

The second icon of the bottom bar.

Stereo/Mono

The third icon of the bottom bar.

Touch it to turn on/off the stereo when receiving a stereo signal.

LOC/DX

The fourth icon of the bottom bar.

Touch it to select Local or Distant broadcasting stations.

Settings

The fifth icon of the bottom bar.

Touch it to change the radio settings.

Auto-Search & Store

The last icon of the bottom bar.

Browsing Favorites

Favorites and Presets

Touch the star icon. When the star turns red, the favorite set has been done.

Touch the red star again can remove a favorite.

AV In/ Camera

External Source

Playback

Touch AV In icon.

Media must be controlled by an external device. Track functions are not controlled from the product.

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.

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 be displayed on demand. Please touch the Camera icon.

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

Touch yellow house icon can return to the Home screen.

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

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

Settings

General

System Language

English (Default)

CarPlay is independent of the system language setting.

Time Zone

Default Setting: GMT+10 Sydney AEST

Date & Time

24H Mode and Auto Adjust Daylight Saving.

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

System Tone

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

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

Factory Settings

Touch it to restore settings to default.

Audio

EQ

Touch the EQ icon to access the EQ menu.

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

Preset EQ

Jazz, Hip-hop, Pop, Rock, R&B

Balance/Fader

Touch the balance plus or minus buttons, or swipe to adjust the left and right balance. Swipe left and right for quick adjustment.

Touch Fader plus or minus buttons, or swipe to adjust the front/rear fader.

Swipe up and down for quick adjustment.

Subwoofer

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

Swipe left and right to choose the level, 1-14 db.

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

Touch plus or minus buttons to select a cut-off frequency for your subwoofer.

Loudness

Enhances and gently boosts low and high freq.

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.

Volume

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

Source Level

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

Display

Illumination Control

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

Gamma

Swiping left and right, Gamma can be adjusted for both day and night settings.

Screen Brightness

Swipe left and right to adjust.

LED Touch Buttons

Six preset colors can be chosen for Touch Buttons. To select a preset color, make sure the LED animation feature is turned off.

LED animation

After turning it on will cycle through all colors on LED touch buttons.

Default Settings: ON

UI Settings

Wallpaper

Touch to change. Users can change the background picture by inserting a USB with photos.

Background Brightness

Swipe left and right to adjust it.

Bluetooth

Connection

Power On/OFF Bluetooth

Default Setting: ON

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

Auto connects to the device when the product is powered ON.

Default Setting: ON

Auto Answer

Auto answers when there is an incoming call.

Default Setting: OFF

Camera

Rear Camera input

Turn on if you have a rear view camera, turn 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 on if your rear view camera has a parking assist guide, turn on if you have

Parking Assist guide Adjust

If your rear view camera does not have parking guidelines, turn on the parking guidelines built in 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 fine-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.

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.

Radio

Region

Default Setting: European as default

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

Connections

Power/SWC

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

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

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

Speakers

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.

Observe speaker polarity when making connections.

Audio Pre-amp/AV IN/ Radio

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

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

This product has a GPS positioning function, which is only used as an auxiliary function of Android auto/ Carplay navigation

This icon is displayed in the menu bar, which indicates the GPS antenna is abnormal. Please check whether the antenna is installed normally.



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

For Android Auto setup, the parking brake status wire must be connected. 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. The parking brake input needs to be connected to the parking brake wire. Every vehicle has a different type of parking brake connection; consult a certified professional installer.

Hands-free Mic

Placement

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

We recommended placing the mic in the following placement:

- 1.Rearview mirror
- 2.Front panel
- 3.Right side of steering wheel

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.

Troubleshooting

Issues, Cause, and Solution

No Sound

The 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.

Ensure any harness supplies correct connection to factory antenna

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 the device-----Make sure the device is within range. Device' s Bluetooth connection needs to be turned ON.

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 placement needs to be relocated.

Microphone----- Microphone needs to be firmly attached to the location it's mounted on. Check to see if the microphone is properly plugged in.

Unit is unresponsive

Processor has frozen-----Restore the factory settings. Use a small pin to press the reset button on the front panel.

WIFI Connection disruption

Wifi connection can at times be affected by factors including Toll way tag readers, user settings, mobile phone settings and update requirements as well as areas that may have higher levels of interference.

Android Auto connections

Due to the wide range of Android devices and variations in hardware and operating systems, please check with your local dealer for compatibility of your Android phone and Android Auto operation of this unit.

