



AM905F

9" FLOATING MULTIMEDIA RECEIVER

Wireless Apple CarPlay & Android Auto

INSTALL/USER MANUAL



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FEATURES

- Large 9" Touchscreen LCD (1024 x 600)
- Works with Apple CarPlay (wireless or wired)
- Supports Android Auto (wireless or wired)
- Bluetooth Hands-Free
- AM / FM Tuner with RDS & Presets
- Dual Camera Inputs (PAL/NTSC/AHD 720p)
- RCA Aux Inputs Left / Right / Video
- 4V / 6CH RCA Preout
- MP3 / AAC / FLAC / MPEG 1,2,4 Media formats
- Subwoofer level control
- Time alignment capabilities
- Audio Crossover Support
- 10 Band graphic EQ + 6 Presets
- Dual USB (1.5A / 1.5A)
- 50W x 4 Max built-in amplifier
- Shallow 1-DIN chassis mounting design
- Steering wheel control ready
- External microphone included



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Android Auto and Apple CarPlay is not owned or controlled by any car manufacturer and are not responsible for the privacy practices of third parties or the terms and conditions under which they offer such products. We strongly encourage you to read the Android Auto or Apple CarPlay privacy policies and terms and conditions to make sure they are acceptable to you.

INSTALLATION

The following instructions are an installation aid for professional installation of the device. Please note the following information before installation:

- Always handle all parts of the device and the components of your vehicle with care.
- Under all circumstances observe the regulations of the vehicle manufacturer and do not make any changes to the vehicle which could impair driving safety.
- For safety reasons, disconnect the vehicle battery's ground connection before installation.
- Please always pay attention to the correct polarity of the connections.
- Please do not modify any harnesses or connections of the device or the vehicle as this may affect the warranty.
- Make sure that no cables are squashed or cause a short circuit.
- Do not lay cables in front of the airbags, e.g. in the dashboard or in a way that affects their function.

INCLUSIONS: Main unit with detachable display, single DIN metal frame & hardware, wiring harness with ISO connection, 3 wire learning swc lead, external microphone with mount, GPS antenna with adhesive pad & QR digital manual leaflet.

DISCLAIMER: We recommend using an Authorised Dealer that offers an installation service to install this product. Never cut or modify a harness as this could damage the head unit and vehicle, as well as void the warranty of the product.

Please note the following steps when installing the device:

- 1 Original radio / navigation system**
Before removing the factory radio, ensure all media such as CD's, USB devices etc have been removed/disconnected. Also disable and/or delete any bluetooth connections made between personal devices and the vehicles factory bluetooth. Once the factory radio is removed, ensure all harnesses and cables are left in an accessible state.
- 2 Cabling of the Aerpro main device**
Lay supplied cables and begin connections (see Page 2).
Install any peripherals (GPS, Microphone, etc) which require connection before assembling the main harnesses.
- 3 Installation of the Aerpro main device**
Now the Aerpro main device can be inserted into the 1-DIN installation slot of the vehicle.
- 4 Functional test**
Before you complete the installation, you should perform a function test. Check all functions of the Aerpro Naviceiver including the steering wheel remote control of the vehicle.

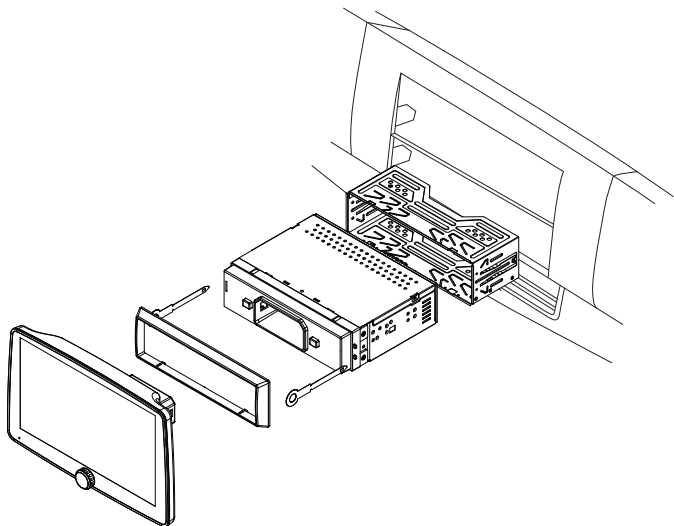
INSTALLATION

Single Din Installation

Some vehicles will require vehicle specific equipment to aid the install of an aftermarket radio. Visit www.aerpro.com to check compatibility and required equipment.

Single DIN Cage mount installation will require use of the supplied Single Din Cage.

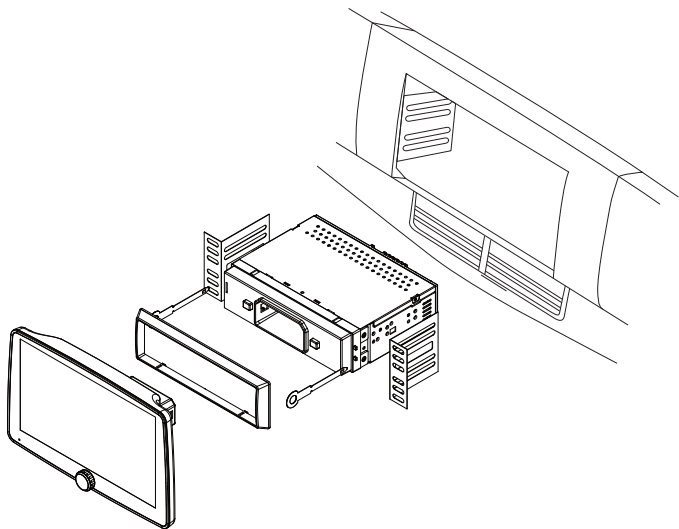
- 1 Remove cage from radio by releasing side clips. Insert cage into single din housing and bend cage tabs outward to secure into place.
- 2 Insert radio into cage until it clips into place.
- 3 Once dash is complete, insert the screen into head unit. Slide screen mount until it clicks.
- 4 To remove radio, press both screen release buttons and pull screen outwards. Insert supplied keys between cage and radio on each side.



INSTALLATION

Double Din Installation

- 1 Remove trim plate.
- 2 Depending on the vehicle, the supplied brackets may be required to securely mount head unit into the vehicles dash. Attach brackets as shown in the diagram below. If an installation kit is required for the vehicle, utilise supplied hardware of installation kit to assist mounting the head unit.
- 3 Ensure dash is complete before mounting screen.
- 4 Adjust screen, to ensure minimal interference of vents and visibility of required dash controls.



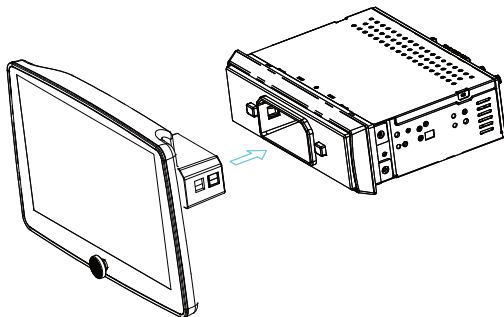
IMPORTANT NOTE:

For many vehicle models, a vehicle-specific 1-DIN installation set is required for professional installation. In order to be able to use the existing steering wheel remote control of your vehicle, a vehicle-specific adaptor may also be required. You can obtain information about this on the internet or from your specialist dealer.

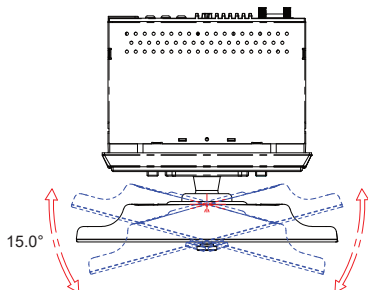
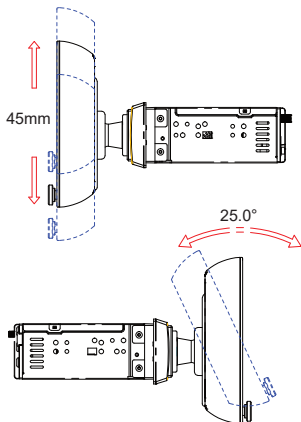
INSTALLATION

Securing the LCD screen

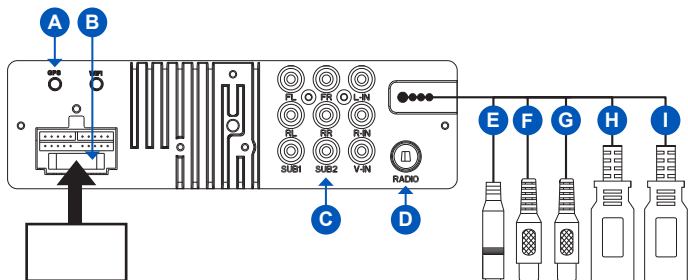
Insert the supplied screen unit into the head unit as shown, pressing until it clicks. To remove the screen unit, use the two push in buttons on either side of the mount and pull the screen outwards.



Adjusting the screen



WIRING DIAGRAM - INPUTS & OUTPUTS



Power connections (ISO standard)

Yellow	Power supply (+12V)
Red	ACC ignition (+12V)
Black	Ground (-)
Orange	Illumination Input (+12V)
Purple/White	Reverse Gear Input (+12V)
Blue	Antenna Output (+12V, 500 mA)
Blue/White	Remote Output (+12V, 500 mA)
Green	Parking Brake Input
Red/Purple	Front Camera Power (+12V, 500 mA)
Red/White	Rear Camera Power (+12V, 500 mA)

Speaker outputs 4 Ω

White	Front / Left (+)
White/Black	Front / Left (-)
Grey	Front / Right (+)
Grey/Black	Front / Right (-)
Green	Rear / Left (+)
Green/Black	Rear / Left (-)
Purple	Rear / Right (+)
Purple/Black	Rear / Right (-)



IMPORTANT NOTE:

The handbrake signal must be connected to the device and must be grounded when the handbrake is applied. According to legal regulations, the device may only display a video signal on the main screen when the handbrake is applied. The connection cable must therefore not be permanently connected to ground.

WIRING DIAGRAM - INPUTS & OUTPUTS

A GPS Antenna

B Fuse 15A (In the event of a defect, only exchange it for an equivalent one)

C AV

If necessary, connect the appropriate RCA plugs here:

FL (white)	Pre-amplifier output front / left
FR (red)	Pre-amplifier output front / right
RL (white)	Pre-amplifier output rear / left
RR (red)	Pre-amplifier output rear / right
SUB1 (blue)	Pre-amplifier output subwoofer
SUB2 (blue)	Pre-amplifier output subwoofer
L-IN (white)	Audio input AUX / left
R-IN (red)	Audio input AUX / right
V-IN (yellow)	Video input AUX

D AM/FM Antenna

E External Microphone

F Rear Camera

G Front Camera

H USB Port for Apple Carplay®, Android Auto™ and media with charging function of 1.5A Max

I USB Port for media with charging function of 1.5A Max

J Steering Wheel Control

If necessary, connect the appropriate cables to the adapter here:

SWC Connections and installation

3.5mm jack input.

For manual connections, use supplied 3.5mm jack to 3-wire adaptor.

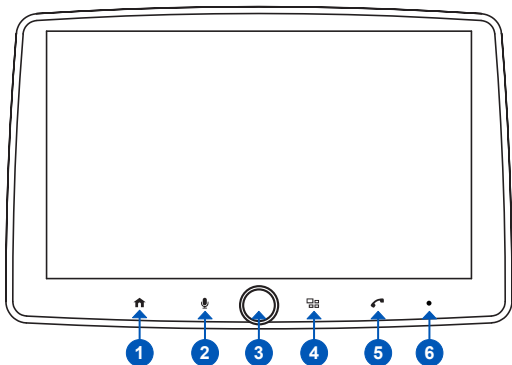
SWC Gnd - Yellow

SWC 1 - Grey

SWC 2 - Red

Manual connections will require manual programming. See page 15 for more info

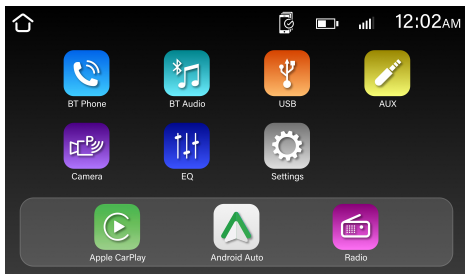
FUNCTIONS & CONTROLS



Number	Function	Description
1	Home menu	Tap to go to the home menu. Tap and hold to turn off the display
2	Voice assistant	Tap to activate the voice assistant of your connected smartphone.
3	Volume	Turn the knob to adjust the volume.
	Mute	Push in to activate mute.
	Stand-by	Push in and hold the button to switch the device to standby mode
4	Source	Tap here to switch between sources.
5	Phone	Tap here to open the phone application or to answer an incoming call
6	Reset	If the device no longer responds to inputs, you can reset the device using the small opening below the display. Press the button for more than 3 seconds to restart the system and reset it to factory settings. All your settings will be lost during the reset. Use a suitable pointed object, such as a paper clip, to do this.

GETTING STARTED - HOME SCREEN

This device has a very clear home menu, which you can operate by simply tapping the touchscreen.



Function	Description
BT Phone	Access to Bluetooth handsfree phone calls. Ensure Carplay or Android Auto is not connected
BT Audio	Bluetooth Audio streaming from a compatible bluetooth device
USB	Access to Music, Video or photos from USB storage media. Check specifications for USB media compatibility
AUX	Analogue audio input. RCA input, adaptor may be required
Camera	Reversing/Safety cameras - Show's reverse or safety cameras if connected directly to the headunit.
EQ	Access to all audio configurations and personalisations
Settings	Access to all setup, configuration and personalisation features
Apple CarPlay	Access to Apple CarPlay when a compatible Carplay device has been set up and connected
Android Auto	Access to Android Auto when a compatible Android device has been set up and connected
Radio	Access to AM, FM Radio

GETTING STARTED - STATUS BAR



At the top of the screen is the device's status bar. The information and symbols shown there have the following meaning:

Symbol	Function	Description
	Home menu	Tap it to go back to the Home menu.
	CarPlay	When CarPlay is connected, an icon will show along the top of the home screen. Tapping the icon will show the CarPlay Screen
	Time	Current time
	Signal strength	The current signal strength of the cellular connection of the smartphone connected to the device is displayed here
	Battery level	The current battery level of the smartphone connected to the device is displayed here
	Bluetooth	As soon as the device is connected to a smartphone via Bluetooth, this symbol will be displayed
	GPS	This symbol only appears if the device has no or very weak GPS reception, which can occur in tunnels or in remote areas. The symbol disappears again as soon as a sufficiently strong GPS signal is received again. If the symbol continues to appear, the connection and function of the GPS antenna must be checked
	Devices Connect	Tap it to open the Devices Connect screen to manage and switch paired devices

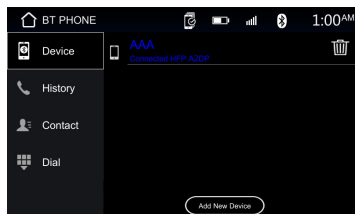
GETTING STARTED - RADIO



Number	Function	Description
1	Previous / Next Station	Navigate to next or previous station
2	Previous / Next Frequency	Navigate to next or previous frequency
3	Favourite Quick Access	Show short list of favourite stations
4	Favourite Station	Favourite current station
5	Station List	Show the station list found with Auto Scan
6	Toggle AM / FM	Toggle between AM & FM
7	View Favourites Screen	Opens favourite stations between AM & FM
8	LOC/DX Toggle	Switches between DX (distant & weak stations) and LOC (local & strong stations)
9	Radio Settings	Takes you to Radio settings
10	Auto Scan	Scans through stations and auto saves them to Station List

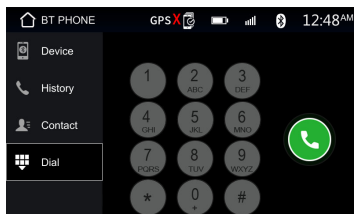
GETTING STARTED - HANDSFREE & BT

Handsfree



By tapping on Handsfree in the home menu you open the phone menu. Please make sure that the corresponding microphone must be activated for the hands-free function.

It is not possible to operate Apple CarPlay or Android Auto and the handsfree function at the same time. One of the two functions must be deactivated if necessary.



Once the device is connected to your phone, you can tap History, Contact and Dial on the left Panel.

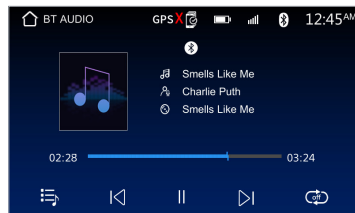
To view contacts on the headunit, you must agree to allow the headunit to access your Contacts during the connection process.



IMPORTANT NOTE:

1. To ensure a secure Bluetooth connection, you should be in a safe and non-public location.
2. Do not start the initial connection while driving, otherwise the driver could be distracted.

BT Audio



By tapping on BT Audio in the home menu, you open the Bluetooth audio streaming application.

The controls and playback options of the audio player are located on the bottom control bar.



IMPORTANT NOTE:

Some cell phones require you to manually start your music player and manually select the playlist and tracks.

GETTING STARTED - CAMERA, USB & AUX

Camera



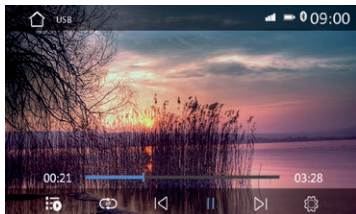
By tapping on **Camera** you open the camera display if you have connected a rear camera or a front camera to the device.

If you have two cameras connected, you can select the respective view on the control bar at the bottom (If Front Camera is enabled in settings).

For correct camera operation, ensure camera is powered by correct corresponding output.

If no camera is connected, this view will show **No Signal**.

USB



By tapping on **USB** in the home menu, you open the USB media player, which you can use to play compatible media such as music, videos and photos that are on a USB medium connected to the device.

The controls and playback options of the media player are located on the bottom control bar.

Compatible file formats: AVI, FLV, MOV, MKV, WMV, WMA, MP3, FLAC, JPEG, PNG, BMP

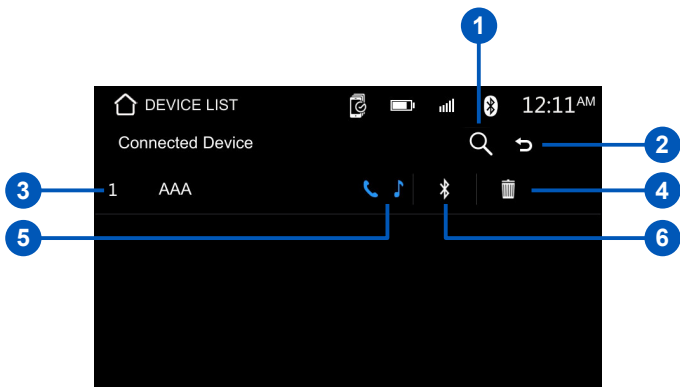
AUX



By tapping on **AUX In** in the home menu you open the view of the external playback device connected to the AUX inputs.

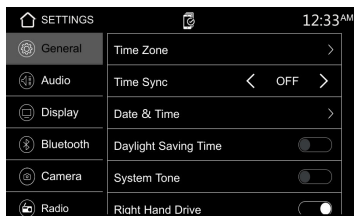
GETTING STARTED - DEVICE LIST

Here you can manage paired devices and activate Apple CarPlay or Android Auto on corresponding device.



Number	Function	Description
1	Search Device	This will allow you to search a discoverable bluetooth device to connect to
2	Return	Return to Main Menu
3	Paired Device	Shows paired devices. Tapping in this area will initiate a connection if not already and will start Android Auto or Apple CarPlay on a compatible device
4	Delete Paired Device	This will disconnect (if connected) and delete the paired device
5	Bluetooth Status Icon	Shows if Bluetooth Music and Bluetooth calls are connected (Note: If Android Auto or Apple CarPlay is connected then these icons will sometimes be off)
6	Connect/Disconnect Bluetooth	This will initiate the Bluetooth connection if not connected or disconnect from Android Auto/Apple CarPlay if currently connected and connect via Bluetooth only.

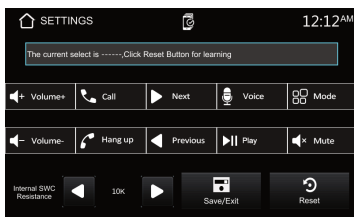
GENERAL SETTINGS - TIME & DATE



Under **General** you can make various settings for the device.

Function	Description
Time Zone	Adjust the time zone to for your region
Time Sync	Automatically retrieve time and date from specified setting
Date & Time	Select to manually adjust the time & date (Disabled if Auto Adjust by GPS is enabled)
Daylight Savings Time	Adds +1 hour to clock for daylight savings timezones
System Tone	Activation / Deactivation of touch screen beep
Right Hand Drive	Changes Apple CarPlay/Android Auto indicator bar to left or right of display
Power Off Delay	If enabled, delays the time it takes to power off based on the preset time
Startup Warning Screen	Enable/Disable the warning message that appears on bootup
Change Bootup Screen	Under Change logo you can save your own boot logo. To do this, save a JPG with the file name changelogo.jpg. in the root directory of the connected USB stick.
SWC	SWC - Enable to use manual SWC programming. Switching this setting off will use a SWC preset optimised for our Aerpro unit
Factory Reset	Reset the head unit settings to factory defaults

GENERAL SETTINGS - STEERING CONTROLS



SWC are default to AERPRO settings. Ensure when using the compatible Aerpro SWC harness, it is set to AERPRO.

Disabled will default to preset settings. Leave disabled when using a steering wheel control harness. Visit www.aerpro.com for more information on compatible steering wheel control harnesses.

Enable to access manual programming.

Use this option to customise your SWC configuration. This option may be required for some vehicles if your buttons do not respond accurately.

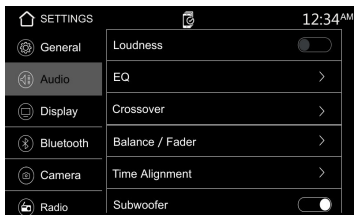
First press the Reset button. From there, select the first button you would like to program and then press the corresponding steering wheel control button. Do this for all the buttons on your steering wheel and then press the Save/Exit button.



ATTENTION INSTALLERS

The internal SWC Resistance setting can be adjusted if you find that the steering wheel buttons are not being picked up or multiple buttons on your steering wheel performs the same action.

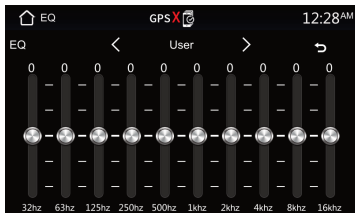
AUDIO SETTINGS



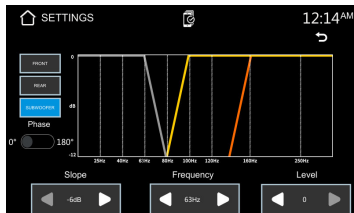
Under Audio you can make various audio settings.

Function	Description
Loudness	Extra boost in audio loudness
EQ	Setup & adjust 12 band EQ
Crossover	Adjust the crossover of the Subwoofer, Front & Rear Speakers & Subwoofer phase
Balance / Fader	Adjust the balance and fader of the speakers
Time Alignment	Adjust time delay or distance of each speaker
Subwoofer	Enable or Disable the subwoofer
Default Volume	Can set the default volume of different sources on headunit start up
Mic Gain	Adjust the sensitivity of the microphone with - / +
Internal Amp	Turn the units integrated audio amplifier on / off

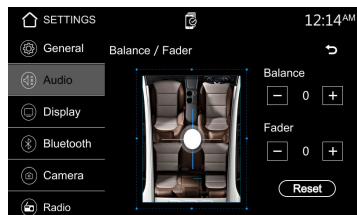
AUDIO SETTINGS



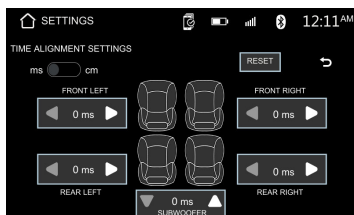
Under EQ you can adjust the equaliser settings manually or use the < / > buttons to select one of the presets.



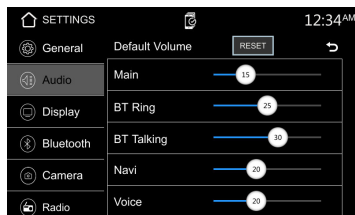
Under Crossover you can use the frequency button to adjust the audio crossover for the selected speakers, change level and slope. You can change the phase of subwoofer when subwoofer is selected.



Under Balance / Fader you can adjust the balance (Left & Right) and fader (Front & Rear) of the acoustic stage.

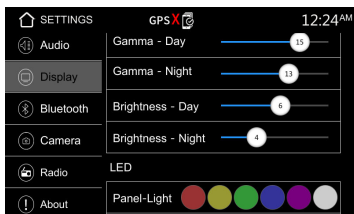
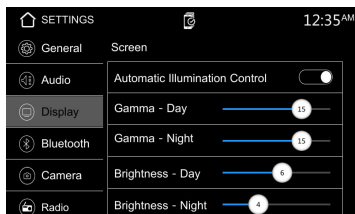


Time Alignment Settings, adjust the time delay or speaker distance by increasing or decreasing the delay in milliseconds (ms) or centimeters (cm).



On headunit boot up, it will use the specified volume levels for each source.

DISPLAY SETTINGS



Function	Description
Automatic Illumination Control	Automatically dim the display when headlights turned on
Gamma - Day	Adjust the Gamma setting for day mode
Gamma - Night	Adjust the Gamma setting for night mode
Brightness - Day	Adjust the Brightness setting for day mode
Brightness - Night	Adjust the Brightness setting for night mode
Panel-Light	Allows you to set the manually select the colour for the LED backlight of the touch buttons. (Requires LED Panel Colour Cycle to be turned off)
LED Panel Colour Cycle	Setting that cycles between the 6 colours
Wallpaper	Choose between 7 pre-set wallpapers.
Background Brightness	Adjust the brightness of the selected background. The lower the number, the darker the wallpaper.

BLUETOOTH SETTINGS



Under Bluetooth, you can connect your smartphone to the device for hands-free calling. This function is also required for Apple CarPlay and Android Auto.



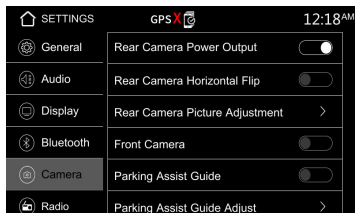
Under **Auto Connect** and **Auto Answer** you can specify whether your smartphone should be automatically connected to the device after a restart and whether calls should be answered automatically. Under **Clear Records**, you can delete devices that have already been registered.



IMPORTANT NOTE:

1. To ensure a secure Bluetooth connection, you should be in a safe and non-public location.
2. Do not start the initial connection while driving, otherwise the driver could be distracted.

CAMERA SETTINGS



Camera settings provides access to various configurations depending on your vehicle setup.

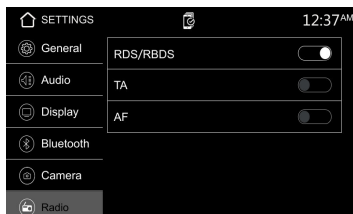


Adjustable parking lines by tapping and dragging the dot on each corner to desired location. Click save to save settings.

Front and Rear cameras can be switched independently.
Ensure correct power supplies are utilised from the radio harness.

Function	Description
Rear Camera Power Output	Activates 12v on the Red/White Rear Camera Power lead on the main harness. (Note: 12v Output only triggers when in reverse or rear camera button is viewed.)
Rear Camera Horizontal Flip	Flip the rear camera horizontally
Rear Camera Picture Adjustment	Adjust the Saturation and Brightness of the rear camera. (Note: Rear camera power needs to be connected to Red/White Front Camera Power on rear of headunit for this to work correctly)
Front Camera	Enable if you have a front camera connected. This will show additional front camera options. Front camera option will also appear in the home screen camera button.
Front Camera Power Output	Activates 12v on the Red/Purple Rear Camera Power lead on the main harness. (Note: 12v Output only triggers when in reverse or rear camera button is viewed.)
Front Camera Horizontal Flip	Flip the front camera horizontally
Front Camera Picture Adjustment	Adjust the Saturation and Brightness of the front camera. (Note: Front camera power needs to be connected to Red/Purple Front Camera Power on rear of headunit for this to work correctly)
Parking Assist Guide	Enable parking assist guidelines
Parking Assist Guide Adjust	Enter to manually adjust reverse guidelines to better suit your vehicle. (Note: If using factory camera or camera powered by reverse lights, you may not see the reverse camera of your vehicle during the adjustment.)
Rear Camera Delay	Set delay in seconds before reverse camera appears on-screen

RADIO SETTINGS



Under Radio you can set various settings for analogue radio reception.

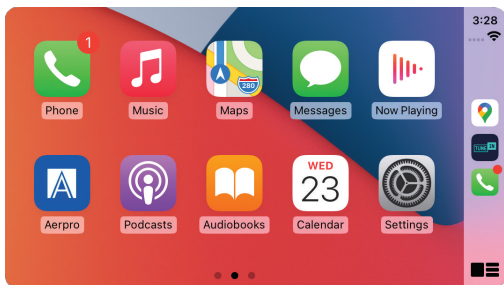
Function	Description
RDS/RBDS	Activate the transmission of additional digital information such as station names or messages from FM radio stations.
TA	Allows traffic announcements from the most recent compatible FM station while playing other media
AF	The radio switches to an alternative, better frequency of the station in the network if the reception signal is too weak and an alternative frequency is available.

ABOUT RADIO SOFTWARE



Under About you will find information about the software version of the device, a QR Code that will take you to the product page and will allow you to update the unit if a USB with an update file is present.

CONNECTING APPLE CARPLAY



Wired connection

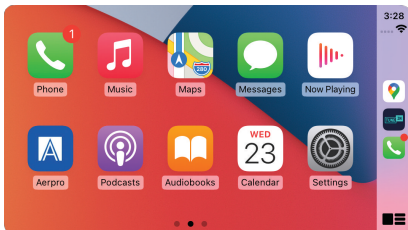
1. Turn on Bluetooth and WiFi on your compatible device
2. Connect an Apple CarPlay compatible device to this unit via rear USB (CP/AA/USB Media)
3. A pair message and a pairing request code may appear on your compatible device and head unit. Click allow to accept
4. An 'Allow CarPlay with Airopro while phone is locked' message may appear on your device. Click allow to accept
5. Click to enable wireless CarPlay or use USB only option
6. Once connection is enabled for wireless carplay, connection via the USB connection is no longer required and wireless connection will be automatic
7. The Apple CarPlay automatically displays on screen, if not press the home button, press  icon and tap on your paired device.

Wireless connection

1. Before using Apple CarPlay wirelessly, turn on the Bluetooth and WiFi function on the compatible device
2. Navigate to the Bluetooth settings on your compatible device and select AM905F for pairing
3. A pair message and a pairing request code may appear on your compatible device and head unit. Click allow to accept
4. Apple CarPlay automatically displays on screen, if not press the home button, press  icon and tap on your paired device.

NOTE: We recommended that the wired connection method be used for new devices. The park brake needs to be connected for Apple CarPlay to function.

HOW TO USE APPLE CARPLAY



Requirements

- Lightning Data Cable
- iPhone 5 or later
- iPhone with iOS 7.1 or later
- Data Plan for in app content
- Siri activated

Phone Setup (Before you begin):

1. Apple CarPlay features may operate differently than on your Apple iPhone.
2. Message and data charges may apply when using Apple CarPlay. Please check with your carrier.
3. Apple CarPlay relies on the performance of your phone. If you experience performance issues:

Close all apps and then restart them again

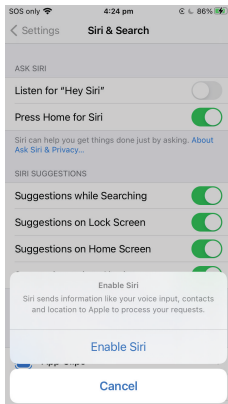
Disconnect and then reconnect your phone using the Apple Lightning cable that was provided with your phone is recommended.

4. When Apple CarPlay is active, your voice recognition system is disabled and you will be using Siri to make your requests.
5. On your phone, go to **Settings > General > Siri** and ensure Siri is turned ON.

CarPlay Not Available

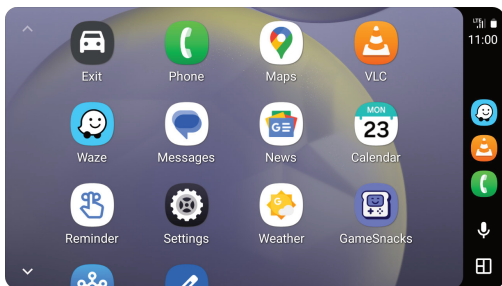
To use CarPlay, enable Siri in the Settings app on your iPhone

Cancel



NOTE: For details about Apple CarPlay, refer to the manual supplied with your iPhone, or visit the website of Apple CarPlay.

CONNECTING ANDRIOD AUTO



Wired connection

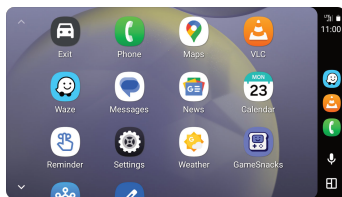
1. Connect an Android Auto™ compatible device to this unit via rear USB (CP/AA/USB Media)
2. Follow on-screen instructions that may appear on your device and head unit
3. Press the Android Auto icon to initiate a connection. The Android Auto home screen appears
4. Once an initial wired connection has been made, connection via the USB connection is no longer required and wireless connection will be automatic after headunit restart. If you want to connect straight away you will have to manually press  icon and tap on your paired device.

Wireless connection

1. Before using Android Auto wirelessly, turn on the Bluetooth and WiFi function on the compatible device.
2. Navigate to the Bluetooth settings on your compatible device and select AM905F for pairing
3. A pair message and a pairing request code may appear on your compatible device and head unit. Click allow to accept
4. A message will appear on the head unit screen asking if you would like to start Android Auto now.
5. Android Auto automatically displays on screen, if not press the home button, press  icon and tap on your paired device.
6. Follow on-screen instructions that may appear on your device and head unit

NOTE: We recommended that the wired connection method be used for new devices. The park brake needs to be connected for Android Auto to function.

HOW TO USE ANDROID AUTO



Requirements

- USB Data Cable
- Compatible Android® phone with OS Android 6.0 or higher
- Data Plan for in app content
- Wireless Android Auto requires 5GHz(802.11/ac) Wi-Fi support (refer to page 18 of this manual)
- Android Auto App download from the Google Play store if not on your device
- Android Auto must be available in your country or region

Phone Setup (Before you begin):

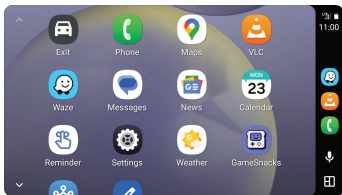
1. Android Auto ® features may operate differently than on your Android ® phone.
2. Message and data charges may apply when using Android Auto. Please check with your carrier
3. Android Auto relies on the performance of your phone. If you experience performance issues:

Close all apps and then restart them again

Disconnect and then reconnect your phone using the USB cable that was provided with your phone is recommended

When Android Auto is active, your in-vehicle voice recognition system is disabled and you will be using Google® voice actions to make your requests

Overview



- Android Auto organizes recent actions and information into simple icons on the Android Auto Home screen. Touching an actionable icon will take you to the app.

NOTE: For details about Android Auto, refer to the manual supplied with your Android phone, or visit the website of Android Auto.

HOW TO USE SIRI



Apple CarPlay uses Siri to perform many actions like sending messages, placing calls, and looking up/setting POI/Destinations. A Siri session can be initiated on any screen by:

- Touching and holding the Home icon on the CarPlay screen or
- Pressing the Voice button on the panel or the Steering Wheel, then say any of the following commands:
 - **"Text <Name> Call you later"** to send a text message.
 - **"Read text messages"** to read available text message.
 - **"Call <Name>"** to make a phone call.
 - **"Find <POI/Destination>"** to locate a POI/Destination.



Voice button

NOTE: Ensure Siri feature is set to ON in your phone (**Go to Settings> General > Siri**).

HOW TO USE GOOGLE VOICE

Android Auto uses Google voice actions for many functions. A Google voice action session can be initiated on any screen by:



- Touching the **Microphone** icon on any screen.
- Pressing the **Voice Recognition** Button on panel or Steering Wheel.



Voice button

Making a Call

Touch the Phone icon to access recent call list. Or you can initiate a voice action and then say **"Call <Name>"** or **"Dial <Number>"** to make phone calls from any screen.

SPECIFICATIONS

Display LCD	Size	9 Inch
	Resolution	1024*600
DIN Size	1.0 DIN (Single DIN)	1DIN body (Single DIN)
Power Output	MAX Power (4 Ohm)	4CH x 50W
Media Playback	MP3 / MP4 / MKV / FLAC / Xvid	Yes
Device Ports	REAR: 5V / 1.5A	Media/Charging
	REAR: 5V / 1.5A	CP/AA/USB Media
	USB MAX Capability	FAT32 32GB
Aux Inputs / Outputs	Rear A/V Input (RCA Type - 3pcs)	Yes
	Composite Video Output	Yes
	Reverse Camera Inputs	Yes (720P AHD Compatible)
Mirror Link	CarPlay & Android Auto	Wireless and Wired
Bluetooth	Bluetooth Built-In	Yes (A2DP, AVRCP, HFP, PBAP)
	Bluetooth Version	V4.2+EDR
	Microphone	External Microphone
	ID3 Tag/Information (Artist, Album, Song)	Yes
	HFP Profile (1.2, 1.4 or HD Voice 1.6)	HFP 1.6
Tuners	AM/FM (# of Presets)	AM 10 (10X1) / FM 10 (10X1)
	FM Frequency Span (MHz)	87.5-108.0MHz (0.05MHz Step)
	AM Frequency Span (KHz)	522-1710KHz (9KHz Step)
	RDS	Yes
RCA Preamp Outputs	2-Pair RCA Preamp Output	Yes
	Dual Subwoofer RCA Output/Level Control	Yes
	Preamp Voltage (1,2,2,4,5,6)	4V p-p
Tone Control	10 Band	(32/63/125/250/500/1K/2K/4K/8K/16K)
	Loudness	Yes
	LPF - Frequencies (Sub)	Yes
	6 Preset EQs	Yes
Other Features	Steering Wheel Control	Yes, with Aerpro SWC Adaptor
Accessories	Power Harness	Yes with ISO / 3.5mm jack

FAQ & TROUBLESHOOTING

My Android phone will not connect wirelessly to the head unit

- Your mobile phone must be a compatible Android phone with an active data plan, 5 GHz Wi-Fi support (802.11/ac), and the latest version of the Android Auto app.
- Compatible Android phones include:
 - Any phone with Android 11.0 or above
 - A Google or Samsung phone with Android 10.0 or above
 - A Samsung Galaxy S8, Galaxy S8+, or Note 8, with Android 9.0 or above
- If your phone does not meet the compatible Android phone list but has 5 GHz Wi-Fi support, you can follow these steps. (Note: We cannot guarantee this will provide a reliable Wireless Android Auto experience and is used as a work around for older phones)
 - Go to the settings of the Android Auto app
 - Scroll down to the bottom where it states version number
 - Tap this several times until a pop up message appears asking to enable Developer options. Accept this message
 - Tap on the 3 dots in the top right corner and choose Developer Settings
 - Scroll down until you can find 'Add wireless projection to settings' and enable this. (Make sure that it is also ticked in the settings of Android Auto under 'Wireless projection' section.)
 - Try the connection process again

My Mobile phone will not connect to the head unit

- If you are having trouble connecting your phone to the head unit, try restarting your phone and try again.
- It is also recommended to do a factory reset on the head unit as this will solve most of the connection issues between your phone and your head unit.
- If you are having issues with connecting Android Auto or Apple CarPlay over a USB connection, try using another high quality/shorter length cable. Using low quality cables and longer lengths may cause issues such as drop outs and or connection issues.
- Make sure your phone is up to date with the latest software updates.

Do I have to connect the GPS module for Android Auto/Apple CarPlay to work?

- It is highly recommended to connect the GPS module to the head unit and place it where it has a clear line of sight to the sky as it will assist the GPS tracking for maps when using Android Auto or Apple CarPlay.
- If you do not use the GPS module then the GPS tracking will rely purely on your phone's tracking performance which may be spotty depending on the location of the phone in the vehicle.

Android Auto / Apple CarPlay won't work unless the Park Brake is active but the kit didn't have a Park Brake connection.

- If the harness that came with your kit didn't have a park brake connector then you must manually make a connection between your hand brake and the harness on the headunit for these functions to work.

Cannot update headunit via USB.

- Please make sure that no other USB is connected to the other USB port

SAFETY INFO & WARNINGS

Do not try opening the shell or try to repair the product by yourself.

If the product or it's accessories have any problems and is still under warranty, then take it back to the place of purchase with the original purchase receipt.

If out of warranty then contact the authorised repair agent, Aerpro Support.

Do not use a chemical substance, cleaning solvent or cleaner to clean the product, please use a moist soft cloth if you would like to clean the product.

Do not use the product under conditions where dust is present.

Please pay attention to cleaning the display surface, use a moist soft cloth to clean the display.

TECHNICAL ASSISTANCE

Please retain this user guide for future reference.

If you would like to download a digital copy of this manual, or other Aerpro manuals/software, please visit the Aerpro.com website and search for information on your model.

This quick start guide is considered correct at time of printing but is subject to change.

For latest quick start guide, manuals, videos and updates refer to the website.

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