AM10M04

10.36" WIRELESS SMARTPHONE MONITOR

with 1080p reverse camera

USER MANUAL

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INTRODUCTION

Thank you for purchasing the AERPRO AM10M04 Wireless Smartphone Monitor. Please ensure that you have read the product manual and instructions in full, prior to installation and use. Failure to do so may result in product failure/damage or incorrect operation and therefore impact the product performance. The AM10M04 is a 10-inch Capacitive Touch-screen Multimedia player designed to seamlessly integrate with your smartphone. This innovative device serves as a second display on your dashboard, seamlessly integrating Android Auto and Apple CarPlay for effortless smartphone connectivity. With wireless smartphone connectivity via Bluetooth & WiFi, you can effortlessly sync your smartphone to the AM10M04, and enjoy audio playback using a variety of options such as the FM transmitter function using your car's sound system or high-quality audio playback through Auxiliary Audio Out. You can even utilise the inbuilt speaker. Plus, for added convenience and safety, this exceptional device comes equipped with a reverse camera feature.

INCLUSIONS

- 10.36" Monitor
- Reverse camera
- Wiring loom
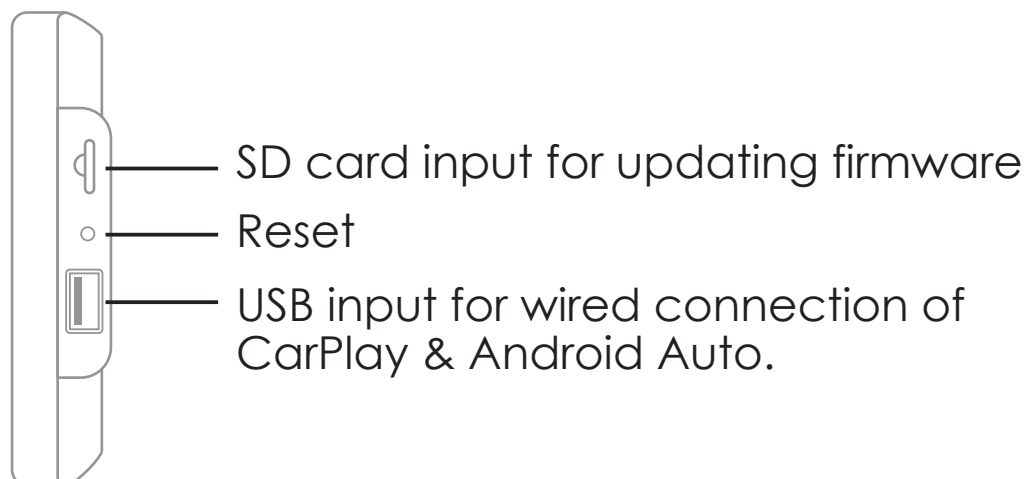- Monitor stand
- 5 mounting screws

PRODUCT FEATURES

- 10.36" High resolution IPS touch screen display
- Compatible with Apple CarPlay (Wireless)
- Compatible with Android Auto (Wireless)
- Wireless smartphone connection
- Full & split screen display options
- BT Audio, FM transmitter & speaker audio outputs
- Built-in microphone
- 4 Camera inputs with heavy duty 4-pin connection
- AHD 1080P camera resolution with 170 degree lens angle
- Works with AHD 1080P Aerpro Vision system Prolink cameras
- Camera triggers for CH2/CH3/CH4
- Adjustable parking guidelines
- Adjustable angle adhesive display mount
- 12/24V DC Compatible (hard wire connection)

OPTIONAL ACCESSORIES (Sold separately)

The AERPRO AM10M04 Wireless Smartphone Monitor supports up to 4 cameras with quad view display. One camera is included. Additional cameras sold separately. Visit our website for compatibility.

PRODUCT STRUCTURE

SD card input for updating firmware

Reset

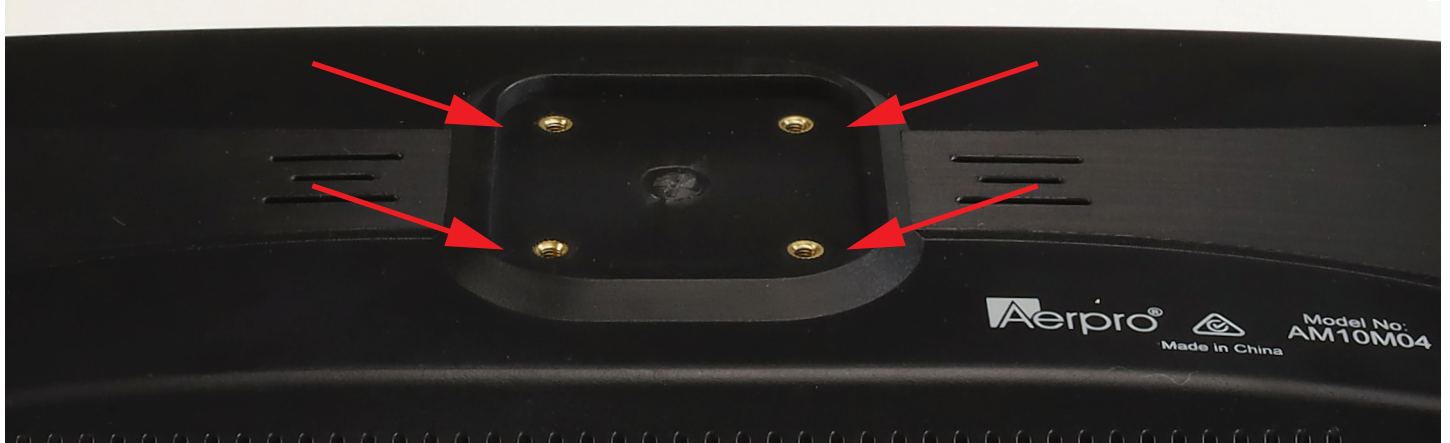USB input for wired connection of CarPlay & Android Auto.

STAND SUPPLIED PARTS

PRODUCT ASSEMBLY

The AERPRO AM10M04 Wireless Smartphone Monitor requires you to attach the stand to the mirror monitor with supplied parts.

1. Locate the 4 screw holes on the back of the mirror monitor.

2. Mount the threaded ring to the mirror monitor using the 4 small screws provided.
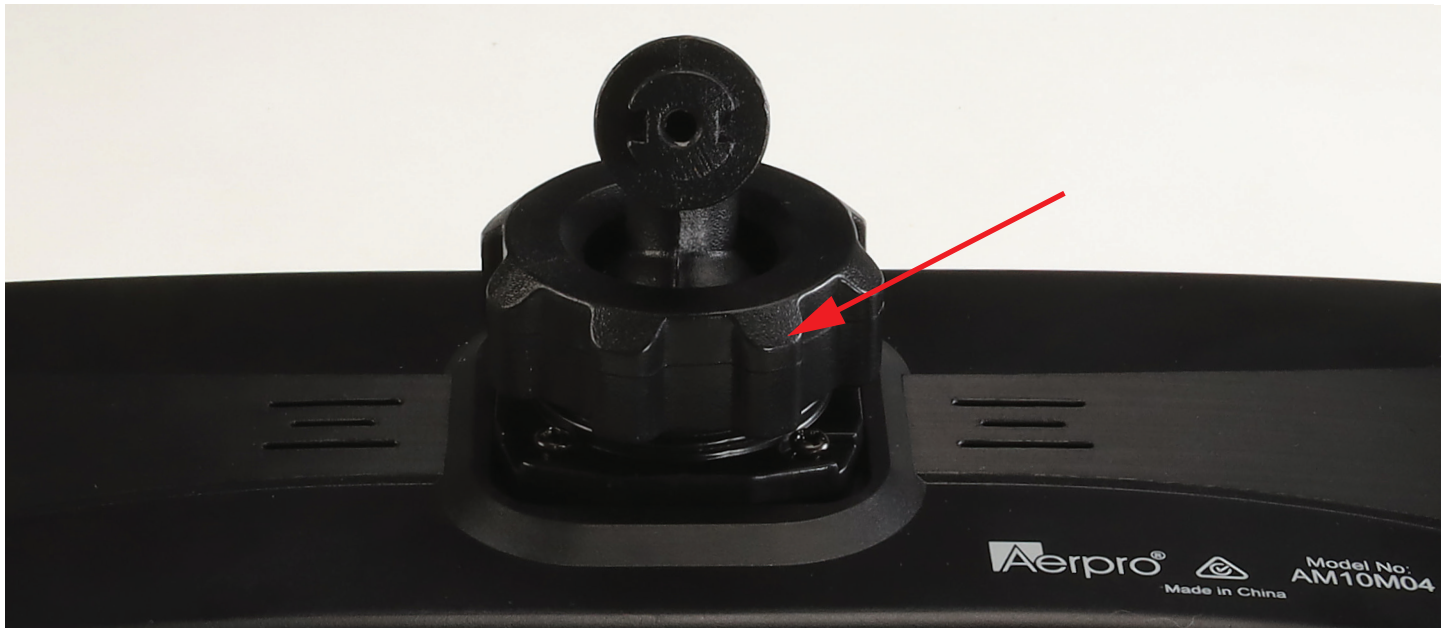

3. Place the ball end of the swing arm into the socket.
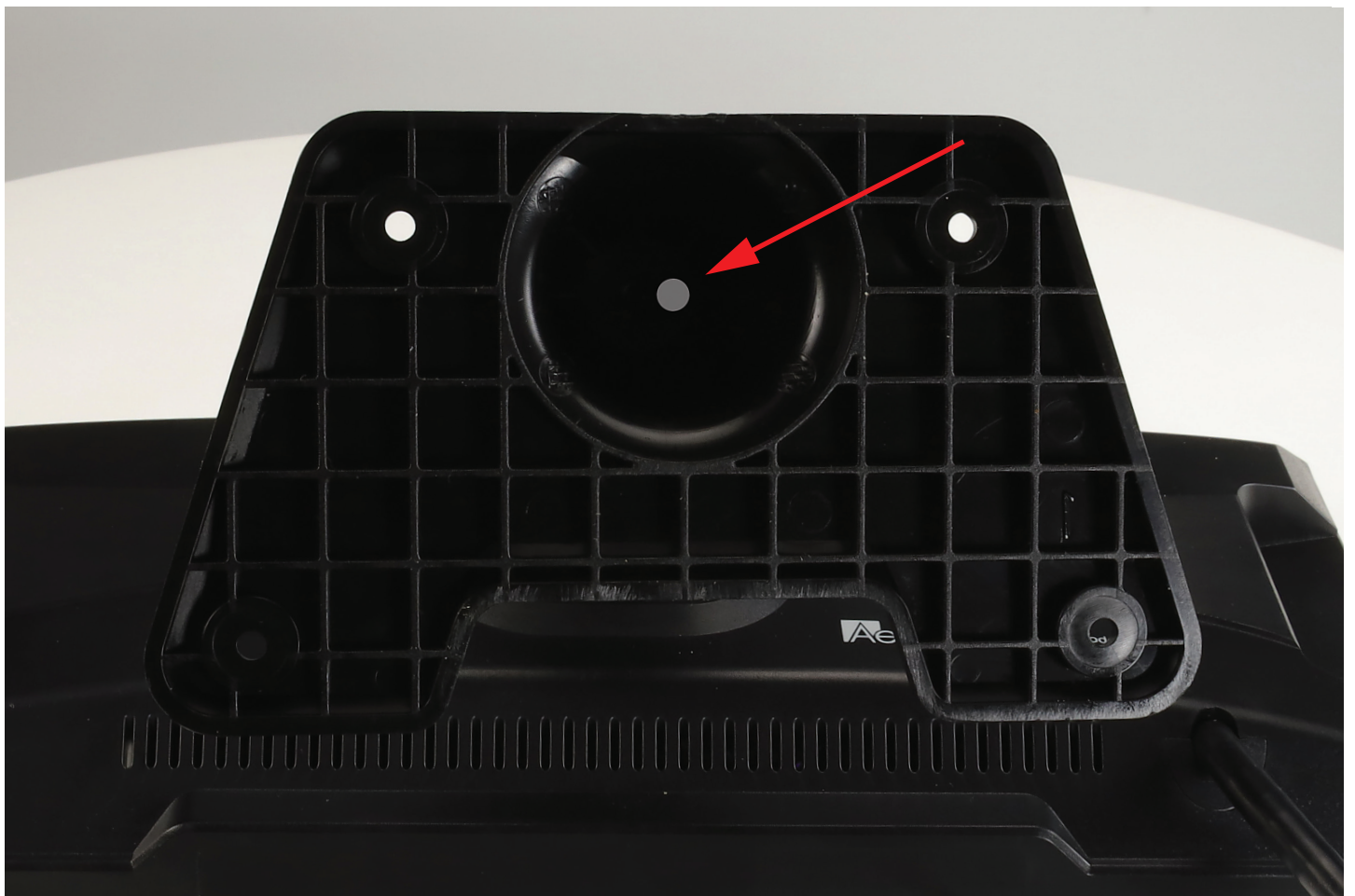
4. Place the tightening nut over the swing arm and tighten.

5. Mount the stand base to the swing arm using the 1 larger screw provided. Once secured to the mirror monitor then attach the adhesive pad to the monitor stand.

TOUCH SCREEN FUNCTIONS

Mon, 01 Jan 2024

12:21 AM

Carplay

Android Auto

Camera

Audio output

Settings

① **Home button:** Tap to return to home page

② **Brightness button:** Tap to adjust the screen brightness

③ **Volume button:** Tap to adjust the volume

④ **CarPlay:** Tap to connect apple carplay

⑤ **Android Auto:** A dedicated car screen projection program for Android phones

⑥ **Camera:** Tap to select the camera views

⑦ **Audio output:** Tap to select the audio output mode

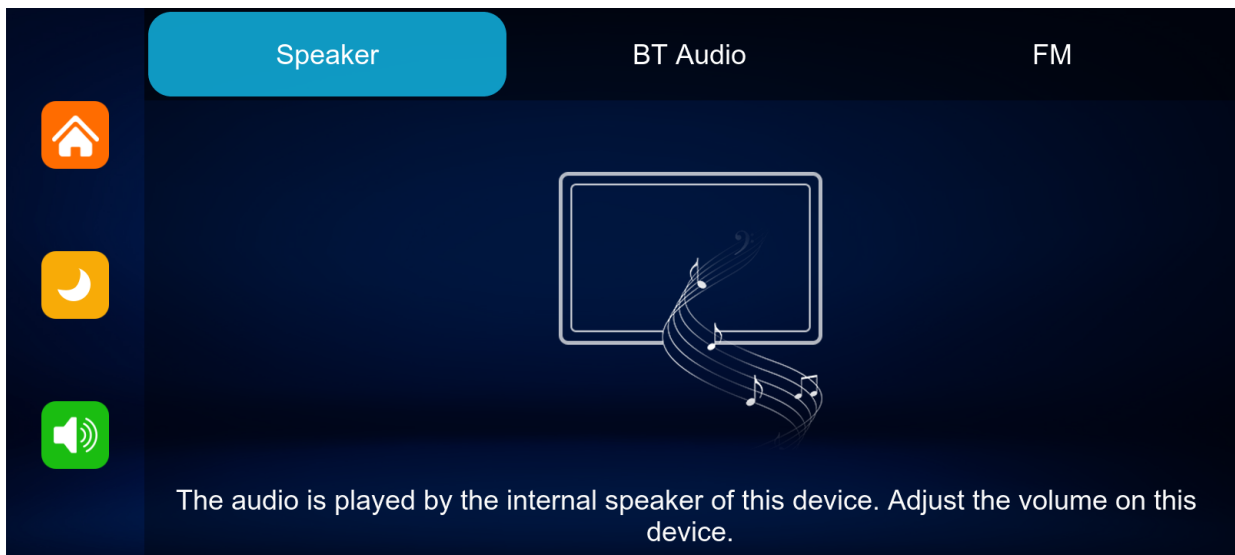⑧ **Settings:** Tap to enter the function setting interface

AUDIO OUTPUT SETTINGS

As shown in the figure below, tap the [Audio Output] button to enter the audio output selection interface.
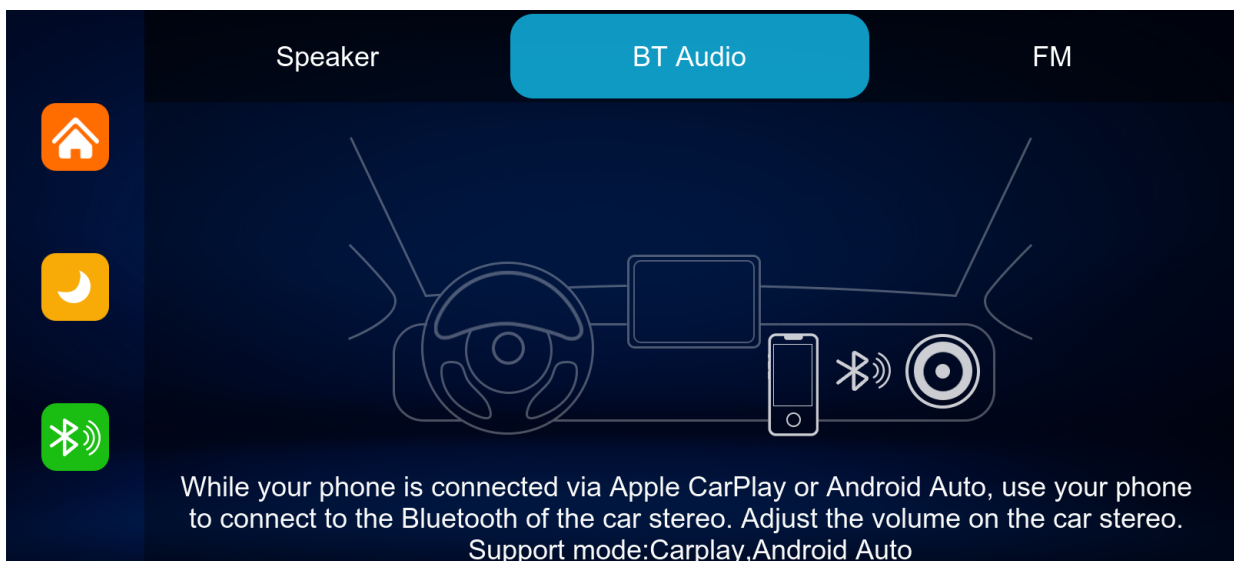

AUDIO OUTPUT SETTINGS (SPEAKER)

1. Tap the Speaker tab along the top. The sound will be played from the internal speaker of the device.

AUDIO OUTPUT SETTINGS (BLUETOOTH APPLE CARPLAY & ANDROID AUTO)

1. The CarPlay/Auto feature allows you to use the CarPlay features on the display whilst streaming audio to your factory audio system over Bluetooth if supported.
2. Make sure that the CarPlay/Auto feature is selected.
3. Then connect your device via CarPlay/Android Auto to the 7 inch monitor using the instructions in this manual.
4. Once your phone is connected, your device will automatically disconnect to the bluetooth from the 7 inch monitor. You must then connect your smartphone to the head unit's Bluetooth. Once connected audio from CarPlay/Android Auto will start playing through your vehicle's factory sound system over bluetooth.
5. **NOTE:** You can also adjust the bluetooth volume from your phone using this method.
6. Not all factory/aftermarket head units will support this feature and you may encounter disconnections or poor audio quality depending on your vehicle/device.
7. Music may not automatically start playing in this mode and may need to be played manually.
8. We do not recommend this feature for head units that support Wireless CarPlay or Wireless Android Auto.

Speaker	BT Audio	FM

While your phone is connected via Apple CarPlay or Android Auto, use your phone to connect to the Bluetooth of the car stereo. Adjust the volume on the car stereo.
Support mode:Carplay,Android Auto

AUDIO OUTPUT SETTINGS (FM TRANSMITTER)

Use the FM transmitter mode if you want to listen to audio on your cars sound system without connecting any wires.
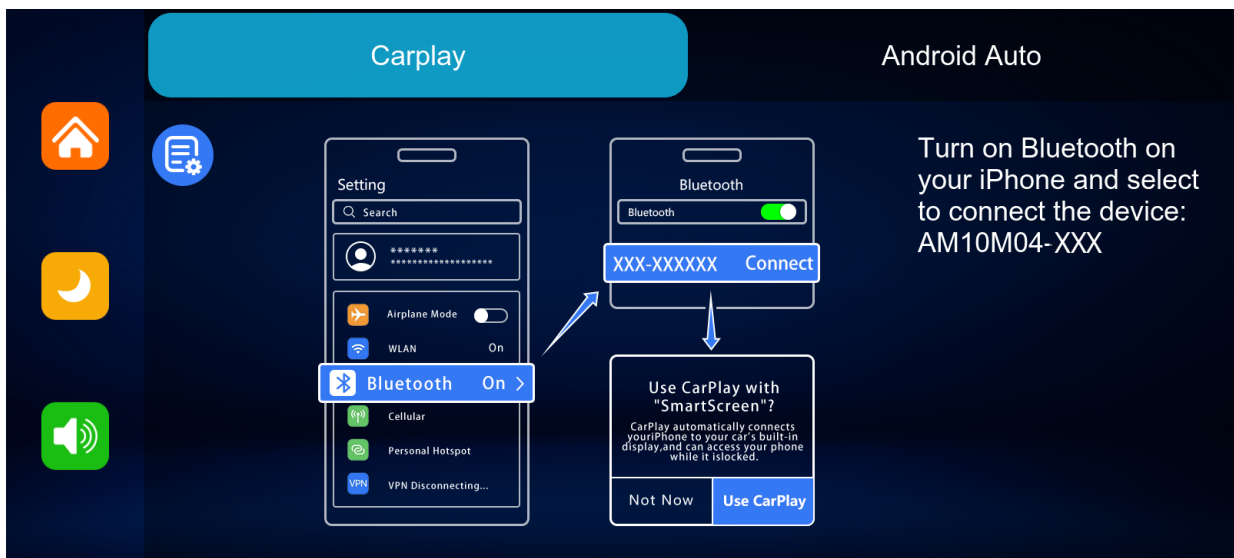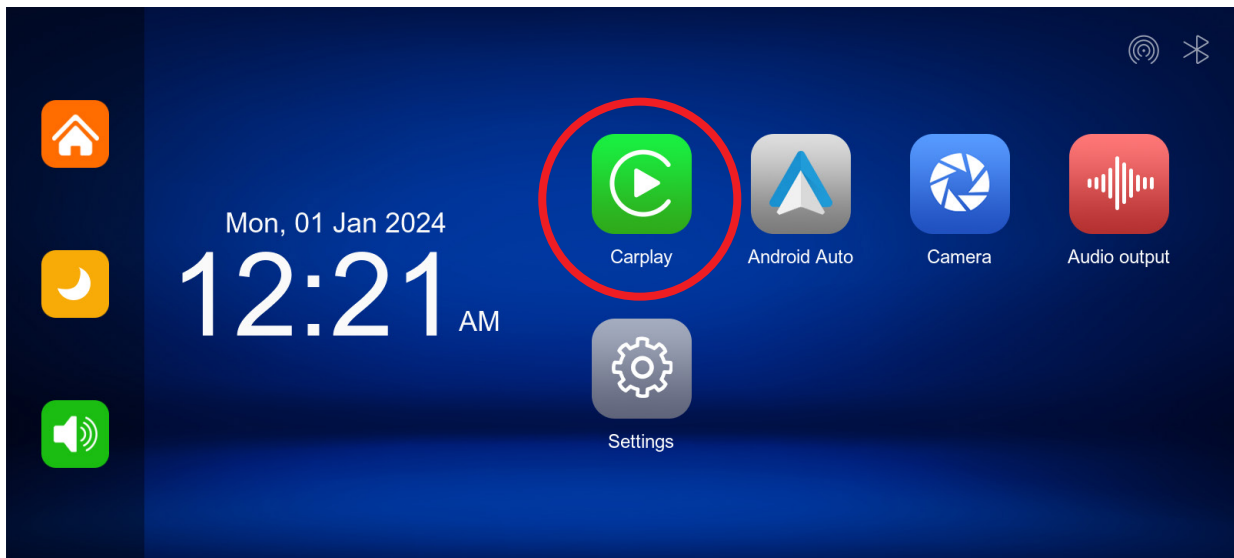
1. Tap the [Audio Output] button on the home screen. Select the FM tab to use FM transmitter function.
2. Turn on the factory head unit and tune it to the same frequency as the monitor.

NOTE: You must always be on the same frequency as the FM Transmitter as the unit will not automatically switch in the event of a call or playing music.
If you have issues with interference, try changing the FM frequency to one that isn't being used to broadcast radio stations.

Speaker	BT Audio	FM

FM **106.0** MHz

[−] |||||||||||||||||||||||||||||||||| [+]

Tune the car stereo FM station to the selected frequency displayed above. Adjust the volume on the car stereo.
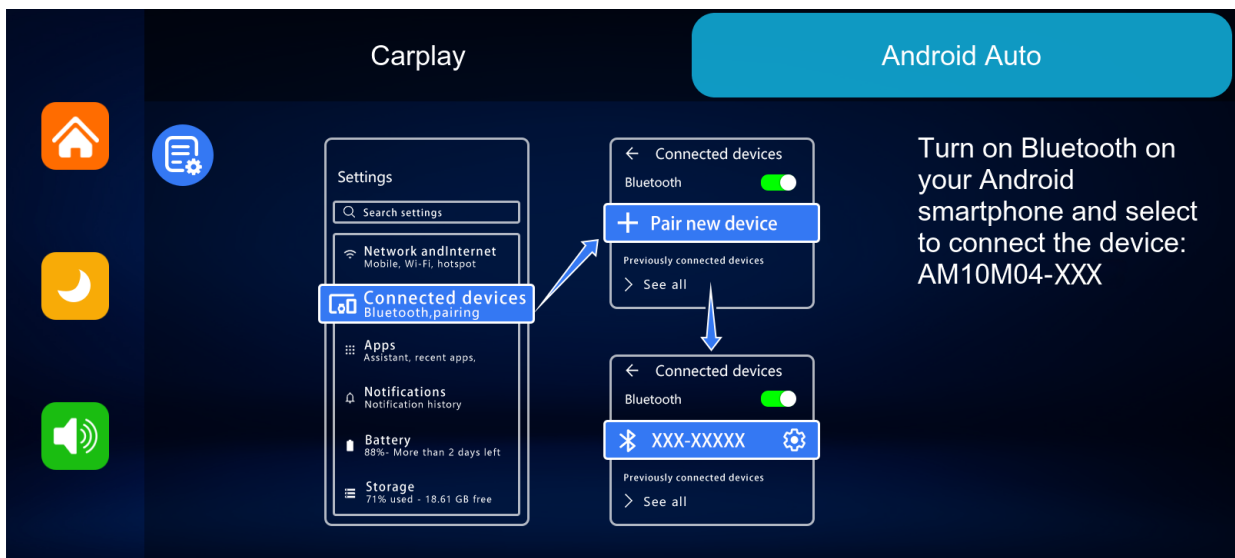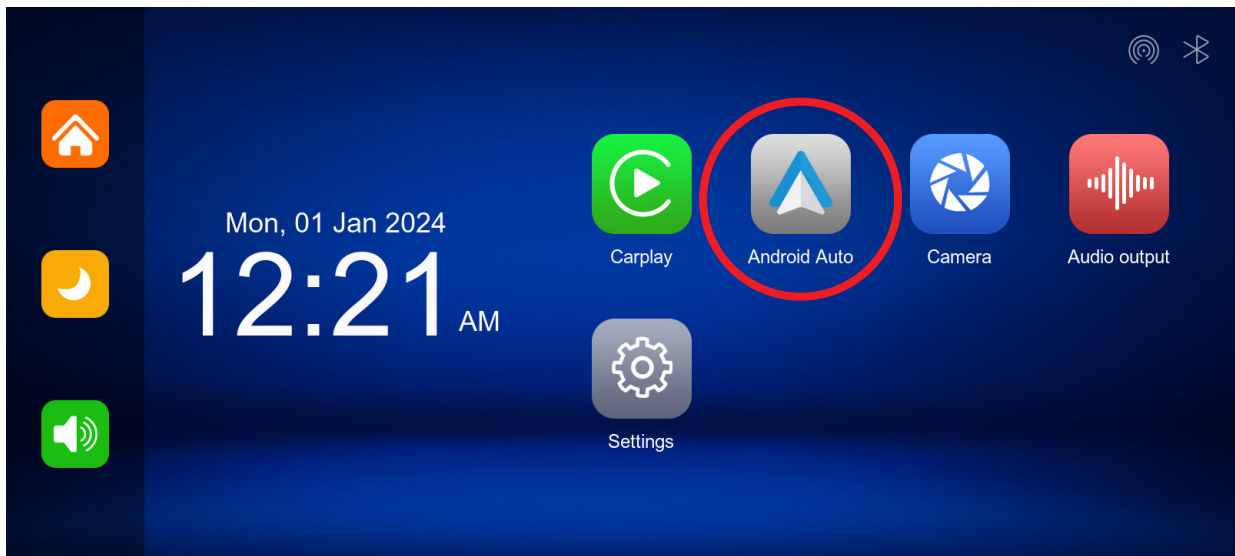
1. Tap the Apple CarPlay icon on the home screen to activate the Apple CarPlay function.
2. Before using Apple CarPlay wirelessly, turn on the Bluetooth and WiFi function on the compatible device.
3. Navigate to the Bluetooth settings on your compatible device and select AM10M04- XXX followed by some numbers and letters for pairing.
4. A pair message and a pairing request code may appear on your compatible device and head unit. Click allow to accept.
5. Apple CarPlay should now display on screen and will now automatically connect to the last paired device when powered on. If you do not want your phone connected to the unit, simply turn off Wi-Fi and Bluetooth.

NOTE: For hardwired connection, connect a CarPlay compatible device to this unit via the USB.
1. Follow on-screen instructions that may appear on your device and head unit
2. Press the CarPlay icon to initiate a connection. The CarPlay home screen appears.
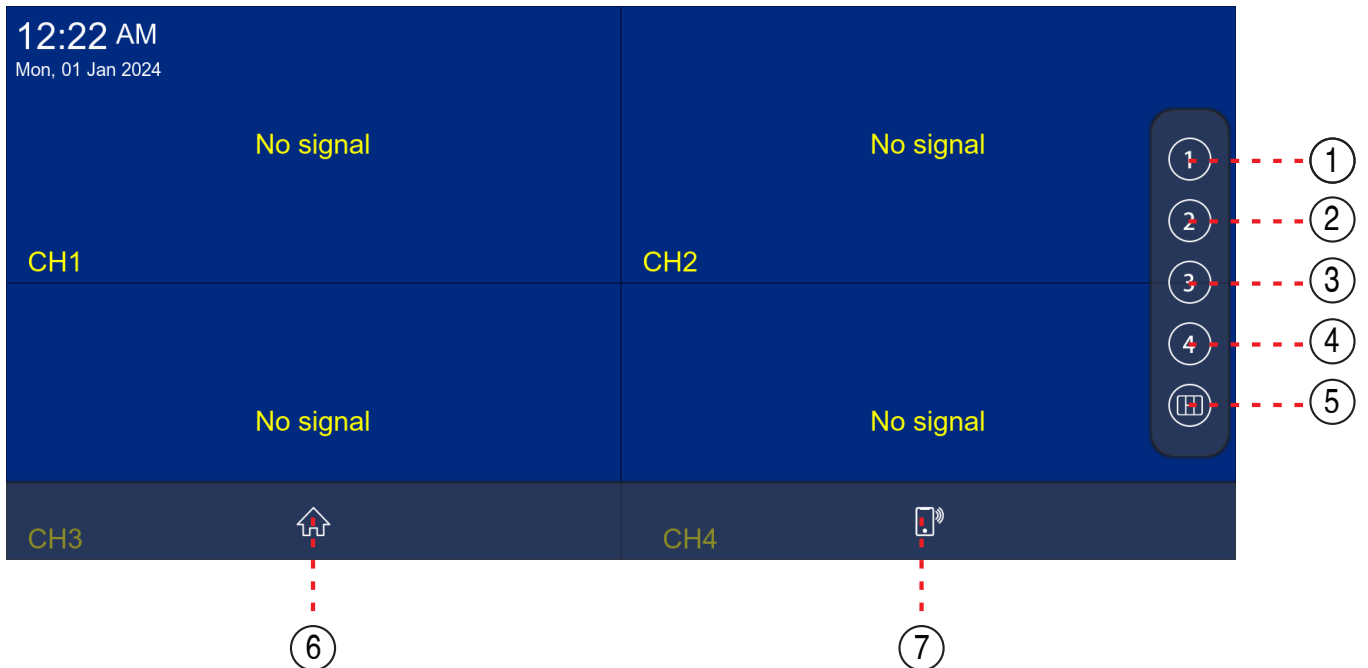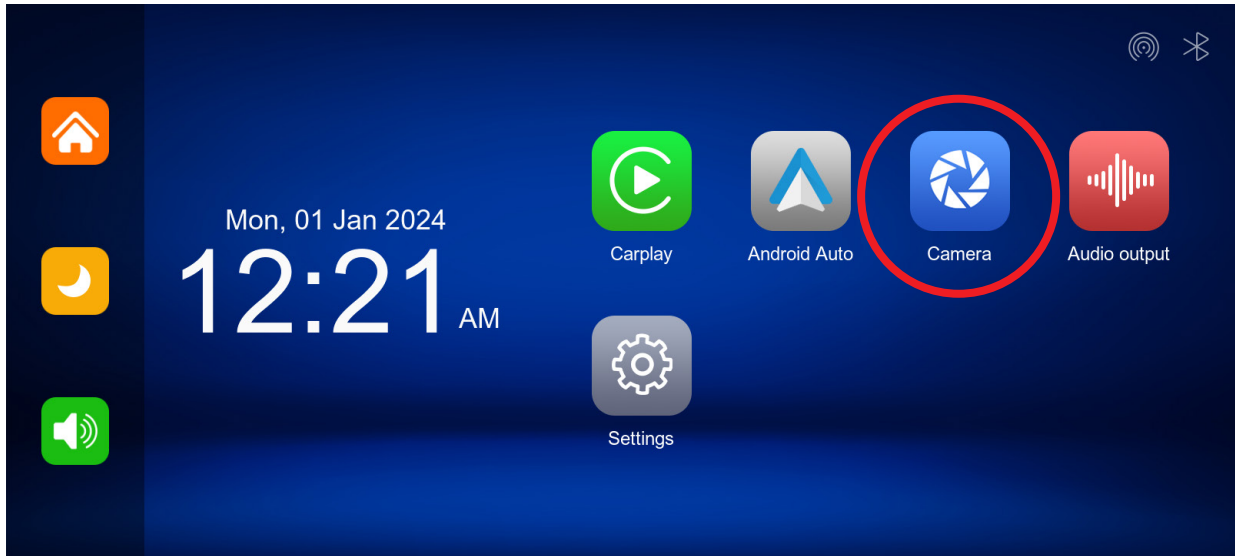
CONNECTING VIA ANDROID AUTO

1. Tap the Android Auto icon on the home screen to activate the Android Auto function.
2. Before using Android Auto wirelessly, turn on the Bluetooth and WiFi function on the compatible device.
3. Navigate to the Bluetooth settings on your compatible device and select AM10M04- XXX followed by some numbers and letters for pairing.
4. A pair message and a pairing request code may appear on your compatible device. Click allow to accept.
5. Follow on-screen instructions that may appear on your smartphone and display.
6. Android Auto should now automatically display on screen and will now automatically connect to the last paired device when powered on.
7. Follow on-screen instructions that may appear on your device and head unit. If you do not want your phone connected to the unit, simply turn off Wi-Fi and Bluetooth.

NOTE: For hardwired connection, connect a Android Auto compatible device to this unit via the USB.

1. Follow on-screen instructions that may appear on your device and head unit
2. Press the Android Auto icon to initiate a connection. The Android Auto home screen appears.
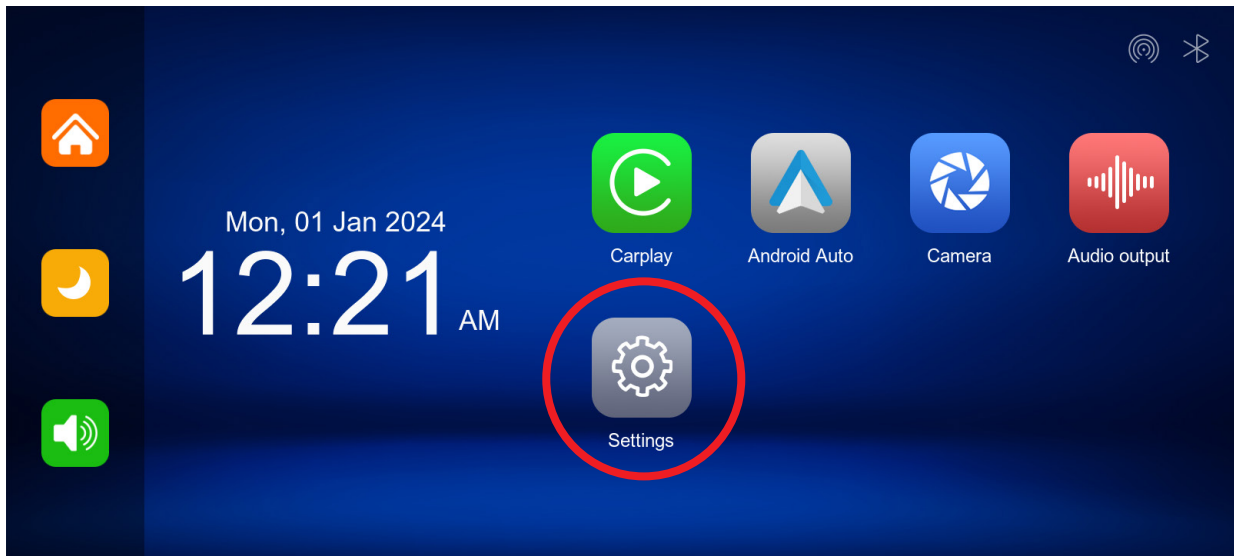
CAMERA

As shown in the figure below, tap the [Camera] icon to view camera inputs.

① **Channel 1 (CH1):** Tap to display camera 1 input in full screen

② **Channel 2 (CH2):** Tap to display camera 2 input in full screen

③ **Channel 3 (CH3):** Tap to display camera 3 input in full screen

④ **Channel 4 (CH4):** Tap to display camera 4 input in full screen

⑤ **Split screen display:** Tap to display all input channels on screen simultaneously (2 Modes, H-view, Quad view)

⑥ **Home icon:** Returns to home screen

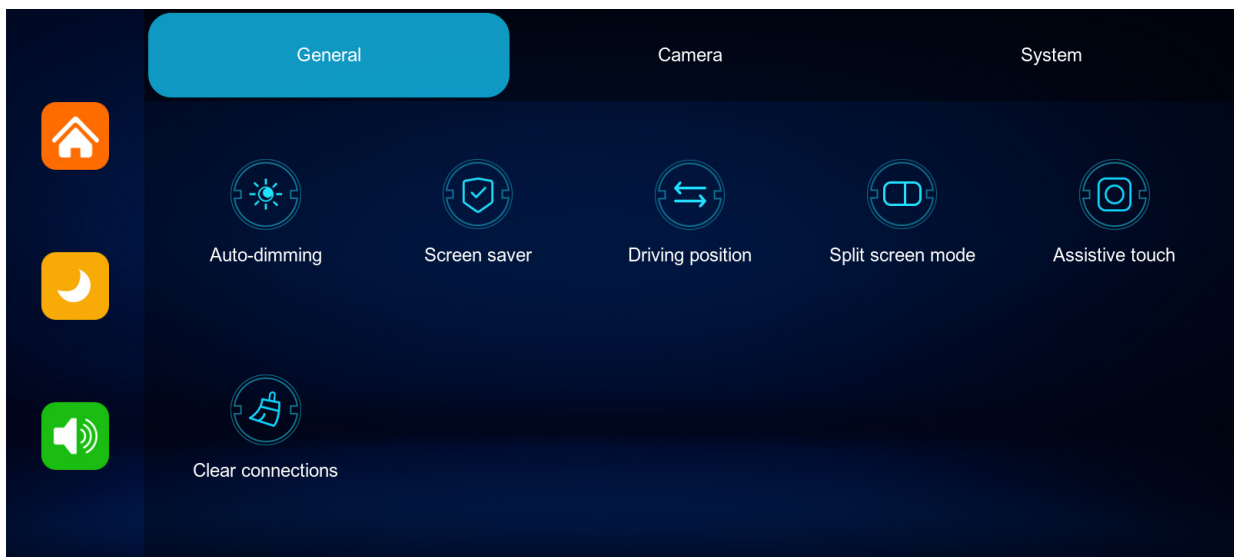⑦ **Phone icon:** Returns to CarPlay or Android Auto screen

SETTINGS

As shown in the figure below, tap the [Settings] icon to enter the setting interface.

SETTINGS-GENERAL

As shown in the figure below, tap the [General] tab to enter the General settings interface. Then select the appropriate icon setting.

Auto-dimming: ON / OFF / Night brightness / Start / End time

Screen saver: Turn OFF / 10 sec / 30 sec / 1 min

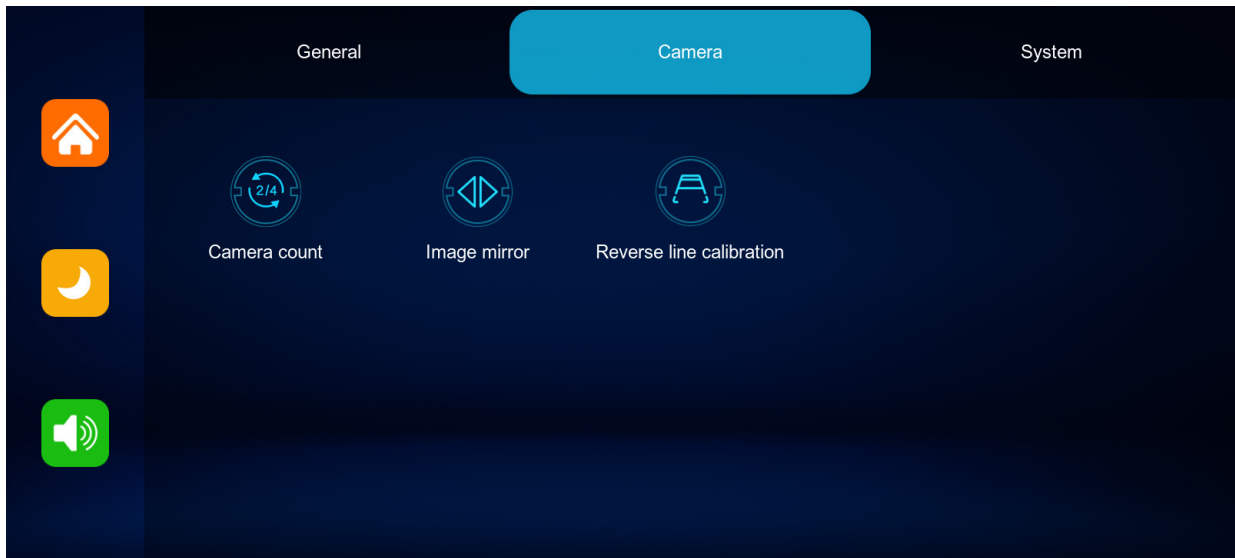**Driving position:** Left Hand Drive / Right Hand Drive

Split screen mode*: Full screen mode / Split screen mode (Split screen camera mode only supported when using CarPlay or Android Auto. Change between camera channels by swiping on screen). Note: Only one camera channel can be displayed.

Assistive touch: ON / OFF / Disables short cut screen icons on CarPlay & Android Auto screens.

Clear connections: Clears the history of Bluetooth, WiFi & Connected devices.

SETTINGS-CAMERA

As shown in the figure below, tap the [Camera] tab to enter the Camera settings interface. Then select the appropriate icon setting.
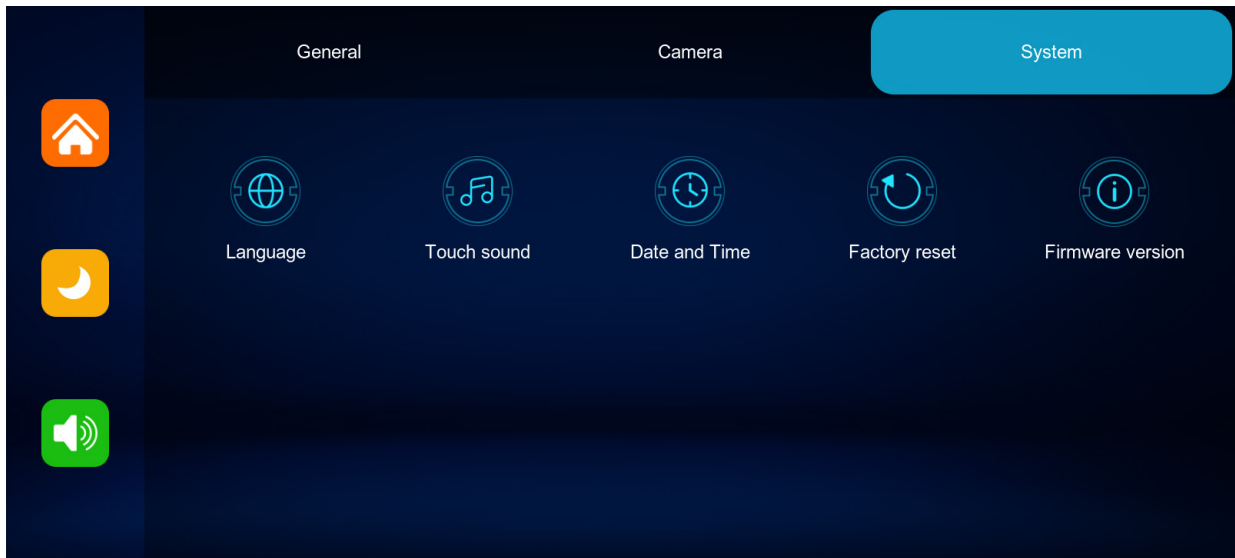

Camera count: Select either 2 or 4 camera input. Camera will display Dual or Quad display.

Image mirror: Turn ON / OFF for camera CH1 / CH2 / CH3 / CH4.

Reverse line calibration: Allows the user to adjust the reversing guidelines for CH2 only. Select the appropriate black circles on screen to adjust and confirm.

SETTINGS-SYSTEM

As shown in the figure below, tap the [System] tab to enter the system settings interface. Then select the appropriate icon setting.

Language: Multiple languages can be selected.

Touch sound: Turn ON / OFF for touch screen sounds.

Date and Time: Allows the user to enter the date and 12/24 hour time format.

Factory reset: Restores the monitor back to factory settings.

Firmware version: Software version information.

CAMERA LOOP OPTIONS

The loop wires on the camera can be cut to change camera functions as referred below.

Loop option	Cut	Loop	Colour
PAL/NTSC	NTSC	PAL	Blue
Guidelines	With	None	Green
Image	Front	Mirror	White

SAFETY INFORMATION & 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.

TEL: 03 – 8587 8898   FAX: 03 – 8587 8866
Mon-Fri 9am – 5pm AEST or EMAIL: service@tdj.com.au

aerpro.com