

ADAYO

6.75 inch MP3/MP4/USB/SD PLAYER
with built in BLUETOOTH
and FM/AM TUNER
works with Apple CarPlay and Android Auto

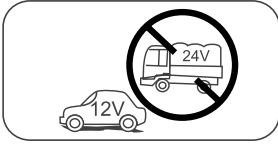


RM4Z24 INSTRUCTION MANUAL

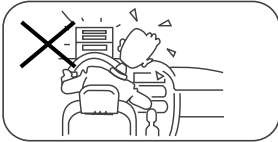
Safety Precautions

Thank you for purchasing this product. Please read through these operating instructions so you will know how to operate your model properly. Please keep this manual in a safe place for future reference.

Only connect the unit to a 12-volt power supply with negative grounding.



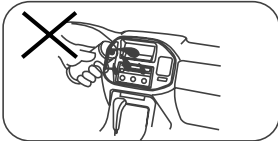
Never install this unit where operating it may impair safe driving conditions.



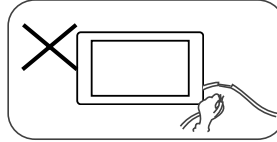
Never use the front video display function when driving, so as to prevent violating traffic regulations or causing an accident.



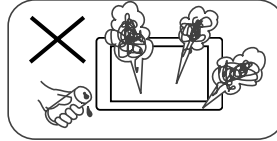
Never expose this unit, amplifier or speakers to moisture or water to prevent electric sparks or fire.



Do not change the fuse on the power cord without professional guidance. Using an improper fuse may cause damage to this unit or even cause fire.



Please contact your nearest dealer if one of the following is experienced:



- (a). Water or other objects enter the unit.
- (b). There is smoke.
- (c). Peculiar smell.

To ensure safe driving, please adjust the volume to a safe and comfortable level in case of emergency situations.

Safety Precautions

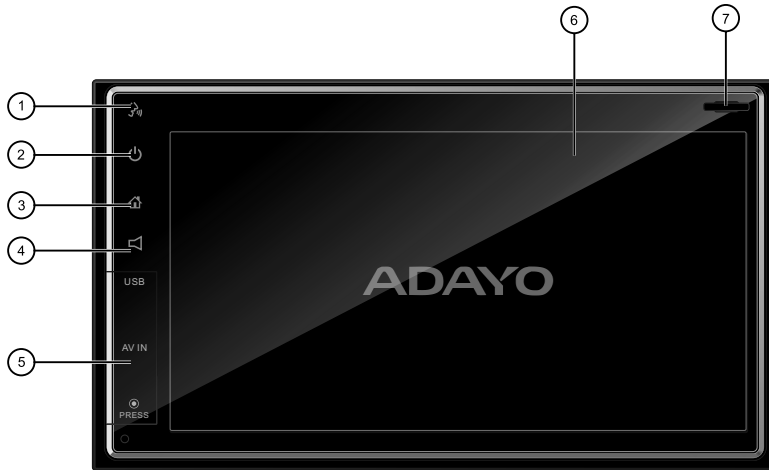
1. Never disassemble or adjust the unit without professional guidance.
For further details, please consult an authorised service provider or dealer.
2. If the front panel or TFT monitor is dirty, please use a clean silicone cloth and neutral detergent to clean. Using a rough cloth and non-neutral detergent such as alcohol to clean may scratch or discolour the monitor.
3. If the unit does not function normally, please refer to the troubleshooting guide of this manual. If no relevant information is found, please press the [RESET] key on the front panel to resume factory default.
4. If you have parked the car in hot or cold weather for a long time, please wait until the temperature in the car becomes normal before operating the unit.
5. Using the car heater in a low temperature environment may result in moisture collecting inside the unit. DO NOT use the unit in this condition. Eject the disc and wipe off the moisture on the disc. If the unit does not work after a few hours, please contact the service center.
6. Do not drop or bang the LCD monitor as this will damage it.
7. To prevent damage to the screen, avoid touching it with sharp objects.
8. Graphic illustrations are used to provide a clear demonstration and an easy way to understand how to operate this unit.
9. Only operate the unit as described in this manual. Inappropriate operation will void the guarantee.

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Before Using

Front Panel



1 button

Activate Siri voice control

2 button

Short press: Switch on device
In operation: Mute audio source
Long press: Switch off device

3 button

Call up main menu / Return to previous source

4 button

Show the volume bar

5 **USB socket / AV IN jack / Reset button**

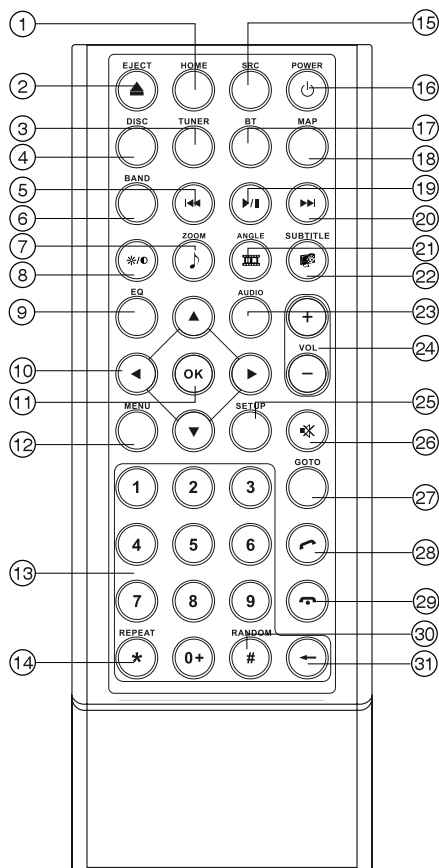
Access only with open cover (Pressing the bottom of the cover to pop it)

6 **Touchscreen user interface**

7 **microSD card reader**

Before Using

Remote Control



1. Call up main menu / Return to previous source
2. Eject the disc (No function)
3. Access to tuner source
4. Access to disc source (No function)
5. - Search an available radio station by decreasing tuning frequency
- Select the previous chapter/track for playback
6. Select radio band
7. Zoom in (Picture menu)
8. Adjust screen settings (No function)
9. Open EQ menu
10. Menu cursor (No function)
11. Enter (No function)
12. Return to the root menu (No function)
13. Digit area
14. Repeat playback
15. Change to next source
16. Power on/off
17. Access to Bluetooth source
18. Access to navigation source (No function)
19. Pause playback/Start playback
20. - Search an available radio station by increasing tuning frequency
- Select the next chapter/track for playback
21. Rotate (photo playing)
22. - Language selection for subtitle (DVD) (No function)
- Access to photo list
23. Change the audio language for disc playback (DVD) (No function)
24. Increase/Decrease volume
25. Access to settings source
26. Mute on/ off audio output
27. Activate direct access mode (No function)
28. Dial/Receive a call
29. Hang up
30. Play all chapter/tracks in random order
31. - Press to clear the number one by one
- Hold to clear all the numbers

Note:

1. Keys 2,4,8,10,11,12,18,22,23,27: Not sed. Please disregard these keys for car Mechless player.

2. Your remote control may differ slightly from the one pictured here. The above diagram is for illustrative purpose only.

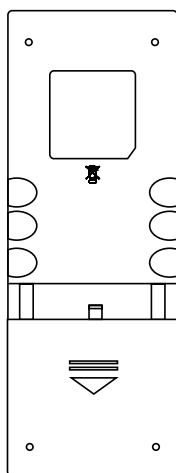
Before Using

Notes on Remote Control Usage

1. Aim the remote control at the remote sensor on the unit.
2. Replace the battery from the remote control or insert a battery insulator if the battery has not been used for a month or longer.
3. DO NOT store the remote control in direct sunlight or in a high temperature environment, as it may not function properly.
4. The battery can last up to for 6 months in normal conditions. If the remote control does not work, please change the battery.
5. Use "button shaped" lithium battery "CR2025" (3V) only.
6. DO NOT recharge, disassemble, heat or expose the battery to fire.
7. Insert the battery in the proper direction according to the (+) and (-) poles.
8. Store the battery in a place where it cannot be reached by children to avoid the risk of accident.

Uninstall Battery

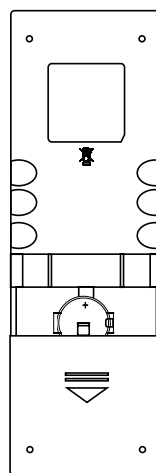
Slide out the battery compartment tray at the bottom on the back of the remote control.



↓ PULL OUT

Install Battery

Use button-shaped lithium battery "CR2025 (3V)" only. Insert the battery under clip in the proper direction according to the (+) and (-) poles.



PUSH IN ↑



Basic Operations

Placing the device in operation


details may deviate from your device.

Switching on/off

Switching on/off with the button

- For switch-on, press the  button.
- For switch-off, hold the  button pressed for more than 2 seconds.


Switching on/off via vehicle ignition

If the car sound system is connected with the vehicle ignition and it was switched off with the  button, it is switched ON or OFF with the ignition.


Volume

Adjusting the volume

You can adjust the volume in steps from 0 (off) to 39 (maximum).


- Press the  button and drag left/right on the volume bar to change the volume.

Muting the car sound system (Mute)

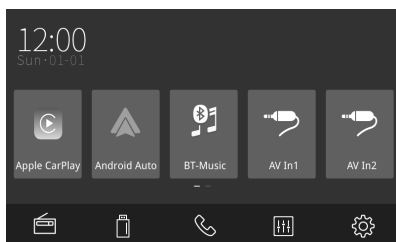
- Briefly press the  button to mute the device or to reactivate the previous volume.

Main menu

In the main menu, you press the buttons on the touchscreen to call up the different sources and operating modes.

- Press the [] button.
- Or -
- In the current source, press the top left corner.

The main menu is displayed.




As long as you do not select a new audio source, the last active audio source is played back.

Note:

The figures used in these instructions are intended to facilitate the explanations and

Setting the reception area

This car sound system is designed for operation in different regions with different frequency ranges and station technologies. The factory default of the reception area is "Europe". You can set a different reception area.

- In the main menu, press the [] button.

The Setting menu is displayed.


- In the left area of the Setting menu, press the [General] button.

The current setting is displayed behind "Radio Area".

- Tap on the [Radio Area] button to display the list of available reception areas.

- Select the desired reception area.

The list is hidden, the selected reception area is set.

- Press the [] button.



The main menu is displayed again.

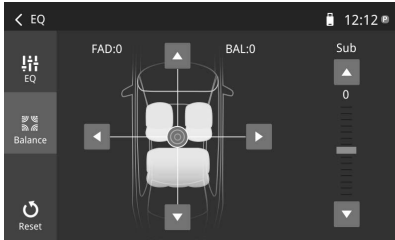
Basic Operations

Sound settings

Volume distribution (fader/balance)

You can adjust the volume distribution in the vehicle for all sources.


- In the main menu, press the [] button. The equalizer menu is displayed.
- Press the [] button. The menu for fader and balance is displayed.

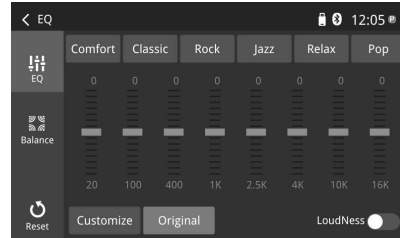


- Adjust fader and balance with [▼] / [▲] or [◀] / [▶].

Equalizer

You can adjust the equalizer for all sources.

- In the main menu, press the [] button. The equalizer menu is displayed.



- Select a preset equalizer via the buttons.
- Or -
- Press the [Customize] button to adjust the level of the available frequency bands according to your preferences.


Note:

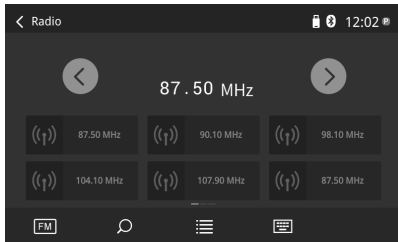
With the [Original] button, you can reset the customised setting again.

- Or -
- Press the [Loudness] button to switch increasing the bass at low volume on or off.

Radio Mode

Start radio mode

In the main menu, press the [] button.
The radio playback menu is displayed.



Select memory band

- Press the [FM] / [AM] button to switch band.

Tuning into a station


Tuning into stations manually

During manual tuning, the frequency will be changed in steps.

- Briefly press the [<] or [>] button to change higher / lower station in steps.

Enter broadcast frequency directly

If the frequency of the desired stations is known, it can be entered directly via the touchscreen.

- Press the [] button.
A numeric keypad is displayed for the frequency input.
- Enter the frequency of the desired station with the numeric keypad.
- Press the [OK] button.
The radio playback menu is displayed, the station of the frequency entered is played back.

Starting station seek tuning


- Press the [<] or [>] button for approx. 2 seconds to seek a higher / lower station.
To stop searching, repeat the operation above.

Storing stations manually

- Select the desired memory band.
- Set the desired station.
- Press one of the memory buttons on center of the screen for approx. 2 seconds to store the current station into the button.
The station is stored.

Storing stations automatically

Only stations with sufficient signal strength will be detected and stored in the memory.


To start automatic station search, touch the [] button on the operation bar.

Note:

After auto store, the previous stored stations will be overwritten.

Adjusting the seek tuning sensitivity

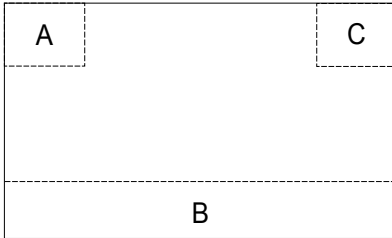
The seek tuning sensitivity decides whether the automatic station seek tuning finds only strong stations or also weaker stations that may be noisy.

- Press the [] button in main menu.
- Press the button right to [LOC] to adjust the sensitivity of station seek tuning.
If LOC is on, only stations with a strong signal are found during seek tuning.
If LOC is off, stations with a strong and weak signal are found during seek tuning.

Playback Mode

Touch Screen Controls

The touch key areas for playback are outlined below:



- A: Return to the main menu
- B: Display onscreen control menu
- C: Time display

Controlling Playback

To access the on-screen controls, touch the screen except upper left corner, and touch again to cancel display. Touch [••••] to view all function icons.

Connect a USB Device

Insert the USB device into the USB slot. Play starts automatically.

Remove a USB Device

1. Select other source on the main menu.
2. Remove the USB device.

Insert a SD Card

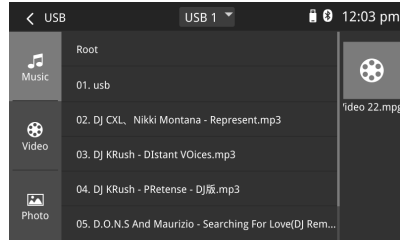
Insert the SD card into the SD card slot. Play starts automatically

Remove a SD Card

1. Select other source on the main menu.
2. Press the card until you hear a click sound.
3. Remove the SD card.

Search for a Folder

When playback, touch [≡] icon to show folder/ file list.



For Video Files

1. Touch [🎬] to display all available video folders.
2. Touch a folder, then select the desired file.
3. Touch the file again to start play.

For Audio Files

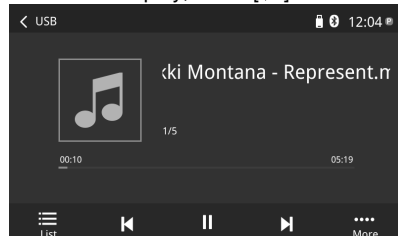
1. Touch [🎵] to display all available audio folders.
2. Touch a folder, then select the desired file.
3. Touch the file again to start play.

For Picture Files

1. Touch [🖼️] to display all available picture folders
2. Touch a folder, then select the desired file.
3. Touch the file again to start play.

Play/Pause

1. Once a USB or SD card is inserted, play starts automatically.
For movie, if a menu appears, press [▶] to start play.
2. To pause, touch [⏸].
To resume play, touch [▶].







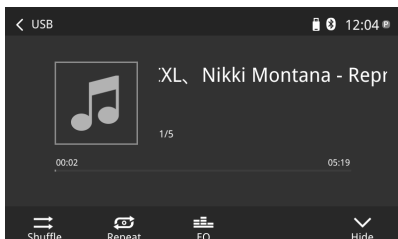
Previous/Next

Touch [⏮] / [⏭] button on the screen to skip to previous / next track / chapter.

Playback Mode



Repeat

1. Touch anywhere except the upper left corner to display menu on the screen.
2. Touch [] repeatedly:
 - [] Repeat off: Cancel repeat play.
 - [] Repeat folder: Play all in the current folder.
 - [] Repeat single: Play the current single repeatedly.





Shuffle (Random) Play

You can play audio tracks/files in random order.



1. Touch [] to display the 2nd menu.
2. Touch [] on the screen repeatedly to turn random play on or off.

Rotate Pictures

1. When you view pictures, touch the screen to display menu on the screen, if necessary.
2. Touch [] to display the 2nd menu.
3. Touch [] repeatedly to rotate the picture.

Zoom

You can zoom in pictures for a close view.

1. When you view pictures, touch the screen to display menu on the screen, if necessary.
2. Touch [] to display the 2nd menu.
3. Touch [] repeatedly to zoom in the picture.

Bluetooth Mode

Bluetooth mode


The Bluetooth® function allows registering cell phones and media playback devices with the car sound system.

When you register a cell phone with the car sound system, you can make phone calls with the built-in hands-free function. You can access the lists of dialled numbers and the phone book of the registered cell phone.

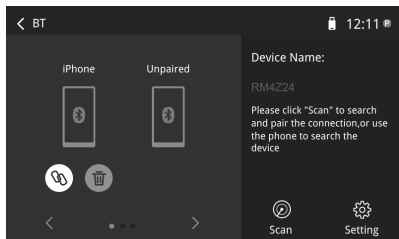
If the connected Bluetooth® device supports the functions A2DP and AVRCP, you can play the music via the car sound system and control the playback. During a call, the music playback is interrupted and continued again after the call.

If a cell phone is registered via Bluetooth® and a call is received during the playback of another source, the source playback is interrupted and the call menu is displayed.


Starting Bluetooth mode


- In the main menu, press on [].

The Bluetooth® menu is displayed. It contains the list of known Bluetooth® devices. Other audio sources are switched off.




[] Add new Bluetooth® device.

[] Display options menu.

- Press the [] button of the Bluetooth® device with which you want to establish a connection.

When the device is in range, the connection is established and the menu for the device is displayed.

- Press the [] button if you want to delete the Bluetooth® device from the list.


Registering Bluetooth devices

If you want to register a device with the car sound system for the first time, proceed as follows:

- Ensure that Bluetooth® is activated at the car sound system and at your Bluetooth® device.

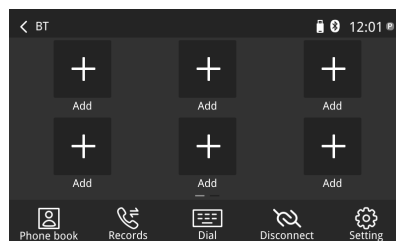
- Search for new devices/connections on your Bluetooth® device.
 - The car sound system appears as "RM4Z24" in the list of Bluetooth® devices.
 - Establish the connection; you may have to enter the pairing code that was previously entered on the car sound system.
- The connection is being established and the menu for the registered device is displayed.


Note:


If a telephone is connected with the car sound system, the Bluetooth® icon  is displayed at the top right edge of the display in all audio/video sources.


Telephone mode


If you connected a phone with the car sound system via Bluetooth®, the following menu appears.





[] Display the dial keypad menu.

[] Disconnect connection with current device.

[] Call up the phone book.

[] Call up records lists.

[] Display options menu.

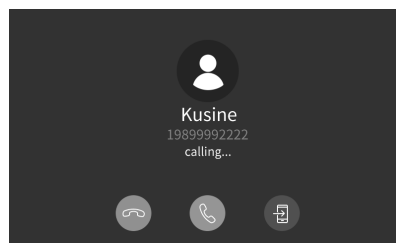
- Enter a phone number with the dial keypad and press the [] button.

- Or -



- Select a contact/number via the records lists or phone book.

The connection is being established.



If a call is coming in, the call menu is displayed.



Bluetooth Mode

- [](Hang up): Reject a call.
- [](Answer): Answer a call.

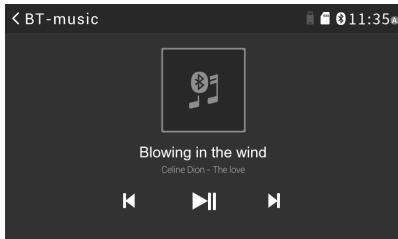
Alphabetic search




Press [] on the left bottom of the screen to access Phonebook. If you want to search a contact, press [] and enter the characters via the keypad.

Audio playback via Bluetooth streaming

If an audio streaming device is connected with the car sound system via Bluetooth®, you can play back the music via the car sound system and control the playback.

- Press the [**BT Music**] button on main menu to change to the audio playback.

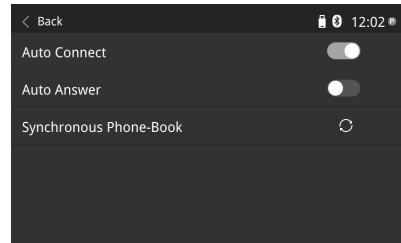


- [] Short press: Title selection.
Long press: Fast searching.
- [] Interrupt playback and continue playback.
- [] Short press: Title selection.
Long press: Fast searching.

Bluetooth settings

In the options menu for Bluetooth®, you can make the basic settings for the Bluetooth® mode.

- Press the [] button.
The options menu is displayed.



Auto Connect – If "Auto Connect" is activated, the device automatically connects with known Bluetooth® devices as soon as they are in range.

Auto Answer – If "Auto Answer" is activated, incoming phone calls are automatically answered.


Synchronous Phone-Book – To be able to access the phone book of a connected telephone, you must first synchronise it via this menu entry.

- Press top left of the screen to exit the options menu.

Apple CarPlay

CarPlay is a smarter, safer way to use your iPhone in the car. CarPlay takes the things you want to do with your iPhone while driving and puts them right on your car's built-in display. You can get directions, make calls, send and receive messages, and listen to audiobooks and music, all in a way that allows you to stay focused on the road.


How to enter CarPlay mode

1. Connect your iPhone to the CarPlay connector of the unit via the Apple Digital Cable. The unit will enter CarPlay mode automatically.
2. To exit CarPlay mode, touch [] button on the front panel.
If you want to return to CarPlay mode, touch [CarPlay] on the main menu.

How to use CarPlay

CarPlay features and Siri voice control is specially designed for driving scenarios. It also works with your car's controls. And the apps you want to use in the car have been reimagined, so you can use them while your eyes and hands stay where they belong.

Voice

To activate Siri voice control, just press [] button on the front panel.

Touch

you can use the touch screen of the unit to control CarPlay.

Android Auto

Android Auto brings the most useful apps to your phone screen or your compatible car display, in a format that makes it easy for you to keep your main focus on driving. You can control things like navigation and maps, calls and text messages, and music.

Prepare your phone

Make sure your phone is running Android 5.0 (Lollipop) and up. For best performance, we recommend Android 6.0 (Marshmallow) and up.

Download the Android Auto app from Google Play.

Make sure your phone has a strong and fast network connection. We recommend running Android Auto for the first time within Wi-Fi range for the fastest installation.

Android Auto on your phone screen


1. An Android phone running Android 5.0 (Lollipop) and up with a data plan. For best performance, we recommend Android 6.0 (Marshmallow) and up.
2. A car mount for your phone (optional but recommended).
3. A USB cable (optional for charging)
4. The Android Auto app.

Android Auto on your car display (with a USB cable)

1. An Android phone running Android 5.0 (Lollipop) and up with a data plan. For best performance, we recommend Android 6.0 (Marshmallow) and up.
2. A car stereo that's compatible with Android Auto.
3. A high-quality USB cable.
4. The Android Auto app.

Settings

Display System

1. Touch the upper left corner to display the main menu.
2. Touch [] menu in main menu.

The settings menu is displayed.

Adjust General Settings

1. Touch [General], if necessary.
2. Touch to highlight a setting.
3. Touch to display/select an option.

General settings	Options	Description
System Language	Select on-screen display language.	
Lighting	You can select the key color.	
Radio Area	Select one that matches your location.	
Beep	On	Turn on the beep sound. Each time you press a button, the unit beeps.
	Off	Turn off the beep sound.
Wallpaper	Wallpaper 1 / Wallpaper 2 Wallpaper 3 / Wallpaper 4	You can select a wall paper.
LOC	On	If LOC is on, only stations with a strong signal are found during seek tuning.
	Off	If LOC is off, stations with a strong and weak signal are found during seek tuning.

Adjust Video Settings

1. Touch [Video].
2. Touch an option repeatedly to select:

Video settings	Options	Description
Day/Night Mode	Day/Night/Auto	
Brightness	0~10	Adjust the display Brightness.

Adjust Volume Settings

You can set different volumes for different modes.

1. Touch [Volume].
The volume setting sub-menu is displayed.
2. Touch to select a source.
3. The volume range is from: -12 to 12.
When switching to the source, the volume increases automatically.
4. Touch the upper left corner of the screen to exit.

Settings

Adjust Time Settings

1. Touch [Time].
2. Touch an option repeatedly to select:

Time settings	Options	Description
Set Date	Year/Month/Day	To set year, month and day.
Set Time	Hour/ Minute	To set hour and minute. To set AM/PM (only for 12Hr).
24H Format	On/Off	Touch On/Off to switch to time mode.

System settings

1. Touch [System].
2. Touch an option repeatedly to select:

System settings	Options	Description
MCU Update	Update MCU.	
MPEG Update	Update MPEG.	
MCU Version	Display the current MCU version information.	
MPEG Version	Display the current MPEG version information.	
Load factory	Restore to default settings.	

Other Modes

Listen to Other Devices

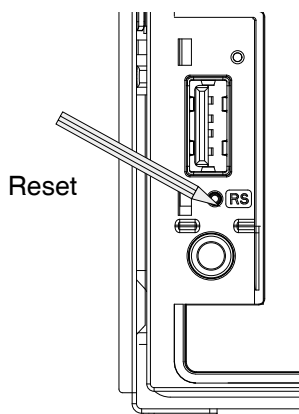
You can connect an external audio/video device to the unit.

1. Connect the external device with the supplied AV cable.
2. Touch the upper left corner to display the main menu.
3. Touch [AV-IN 1] / [AV-IN 2] to access external device.

Reset

When the unit hangs up, you can reset it.

Press [RESET] with a ball-point pen or similar tool.



Tip

When the unit has been reset, all the settings will return to default settings.

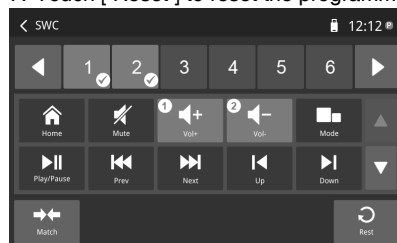
Replace a Fuse

If there is no power, the fuse may be damaged and need to be replaced.

1. Remove the unit from the dashboard.
2. Check all electrical connections.
3. Buy a fuse that matches the amperage of the damaged fuse.
4. Replace the fuse while the unit is powered off.

Steering Wheel Control Programming

1. Touch the upper left corner to display home menu.
2. Touch [SWC], the SWC menu will display.
3. Adjust each key with a individual function.
4. Touch [Match] to program.
5. Press each individual steering wheel control button for each corresponding function.
6. Once the final steering wheel control button is programmed, the functions are saved and the programming will end.
7. Touch [Reset] to reset the programming.



Specifications

General

Reference Supply Voltage.....	12V(DC)
Operating Voltage Range.....	10.5 - 15.8V(DC)
Max Operating Current.....	15A
Grounding System.....	Negative
Dimensions(WXHXD).....	178*101.5*166.5mm
Weight(main unit)	1.9kg

FM

Signal Noise Ratio	≥ 55dB
Residual Noise Sensitivity (S/N=30dB)	18dBμV
Frequency Response (±3dB)	20Hz~12.5KHz
Station Seeking Level.....	20~28dBμV
Distortion	≤ 1.0%
Stereo Separation (1KHz)	≥ 25dB
Antenna Impedance	75Ω

AM

Residual Noise Sensitivity (S/N=20dB)	30dBμV
Selectivity (±9KHz)	≥ 50dB

Screen

Screen Size	6.75 inches(16:9)
Display Resolution.....	800X480

AUX IN

Distortion	≤ 0.5%
Frequency Response (±3dB)	20Hz~20KHz
Audio Input Level.....	0.5Vrms

Preout

Output Impedance	100Ω
Output Level	2V

Video

Normal Video Input Level (CVBS)	1.0±0.2V
Video Input Impedance.....	75Ω
Video Output Impedance.....	75Ω
Video Output Level.....	1.0±0.2V

Environment

Operating Temperature	-10°C ~ +60°C
Storing Temperature.....	-20°C ~ +70°C
Operating Humidity.....	45%~80%RH
Storing Humidity	30%~90%RH

Notice:

When the unit is operated to extremes, such as with maximum power output for a long time, or the temperature is over 70°C, it will enter heat protection mode and the volume will be reduced automatically. This is normal.

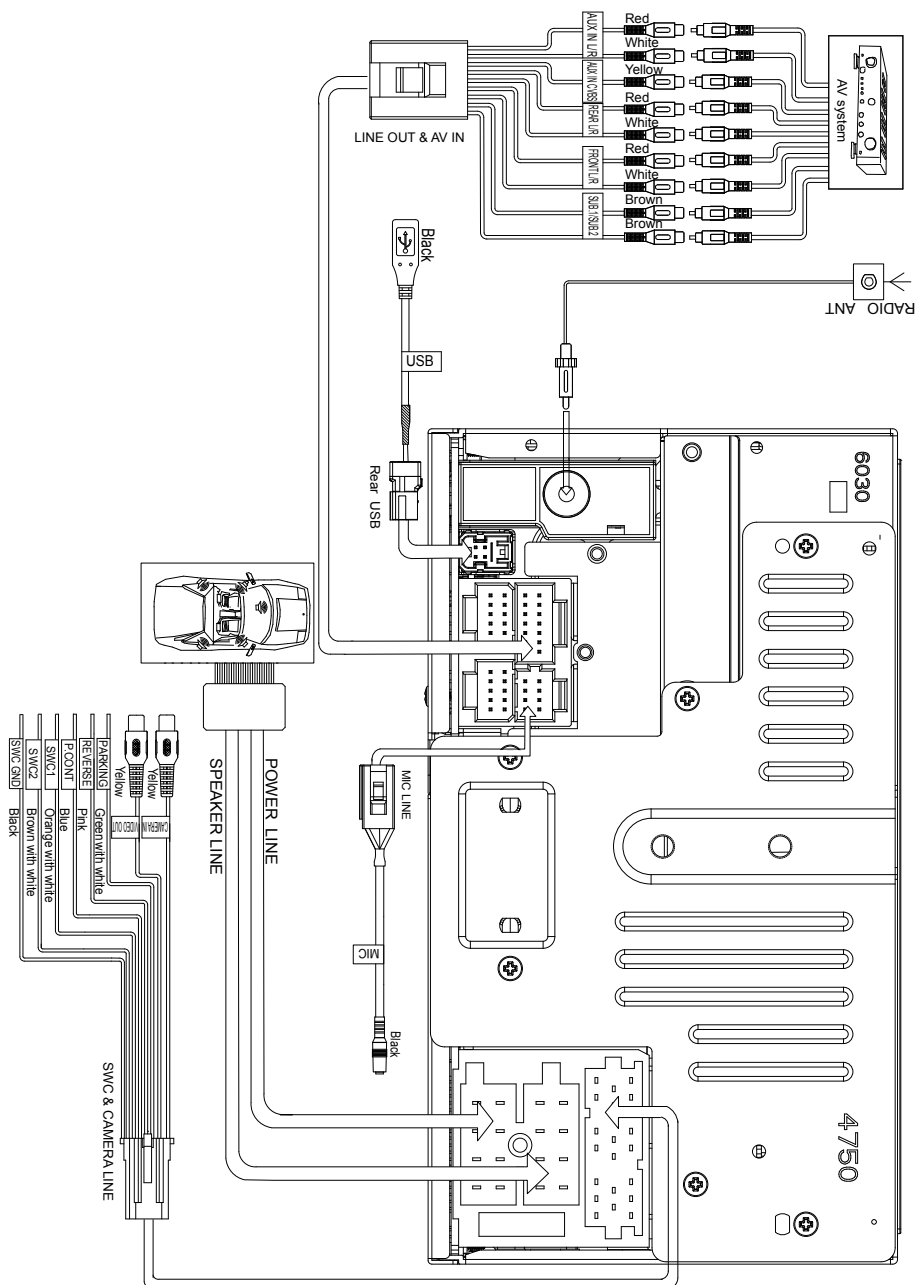
Due to continuous product development, specifications may be subject to change without prior notification.

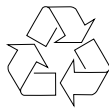
Troubleshooting

What appears to be trouble is not always serious. Please check the following points before calling a service center.

Problem	Cause	Corrective action
General		
Unit can not power on	Unit fuse blown.	Install new fuse with correct rating.
	Car battery fuse blown.	Install new fuse with correct rating.
	Illegal operation	Reset the unit.
Remote control does not work	Battery depleted.	Change the battery.
	Battery installed incorrectly.	Install the battery correctly.
No/low audio output	Improper audio output connection.	Check wiring and correct.
	Volume set too low.	Increase volume level.
	Speakers damaged.	Replace speakers.
	Heavily biased volume balance.	Adjust the channel balance to center position.
	Speaker wiring is in contact with metal part of car.	Insulate all speaker wiring connections.
Poor sound quality or distortion	Speaker power rating does not match unit.	Replace speakers.
	Wrong connections.	Check wiring and correct.
	Speaker is shorted.	Check wiring and correct.
Unit resets itself when engine is off	Incorrect connection between ACC and BATT.	Check wiring and correct.
TFT monitor		
Warning information is shown at all times	Parking break wiring is not correct.	Check wiring and correct.
Flashing image or interference appears on screen	Video cable damaged.	Replace cables.
	Improper video signal connections.	Check wiring and correct.

Wire Connections





P.N.:1270750012910

