

OWNER'S MANUAL

G M R - 7 V 1



CONTENT

SAFETY INFORMATION	3-4
INSTALLATION	5-6
ELECTRICAL CONNECTION.....	7
THE PLAYER.....	8
MAIN MENU	9
RADIO OPERATION.....	10-11
USB MEDIA PLAYER OPERATION	12-14
BLUETOOTH OPERATION	14-17
AUX IN OPERATION.....	17
CAMERA 1 OPERATION	17
CAMERA 2 OPERATION	18
EXTERNAL MONITOR OPERATION.....	18
EQUALIZER OPERATION	18
SETTINGS OPERATION	19-21
COMMON PROBLEMS AND SOLUTIONS	22

SAFETY INFORMATION

Use This Product Safely

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit protect you if you observe the following procedures for installation, use and servicing. This unit doesn't contain any parts that can be repaired by the user.

When Driving

Keep the volume level low enough to be aware of road and traffic conditions.

When Car Washing

Do not expose the product to water or excessive moisture. This could cause electrical shorts, fire or other damage.

When Parked

Parking in direct sunlight can produce very high temperatures inside your vehicle. Give the interior a chance to cool down before starting playback.

Use the Proper Power Supply

This product is designed to operate with a 12 volt DC

Use Authorized Service Centers

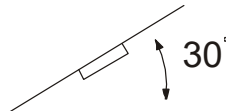
Do not attempt to disassemble or adjust this precision product. Please refer to the Service Center list included with this product for service assistance.

For Installation

The unit should be installed in a horizontal position with the front end up at a convenient angle, but not more than 30°.

Notes:

- Choose the mounting location where the unit will not interfere with the normal driving function of the driver.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is an emergency stop.
- If installation angle exceeds 30° from horizontal, the unit might not give its optimum performance.



INSTALLATION

- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

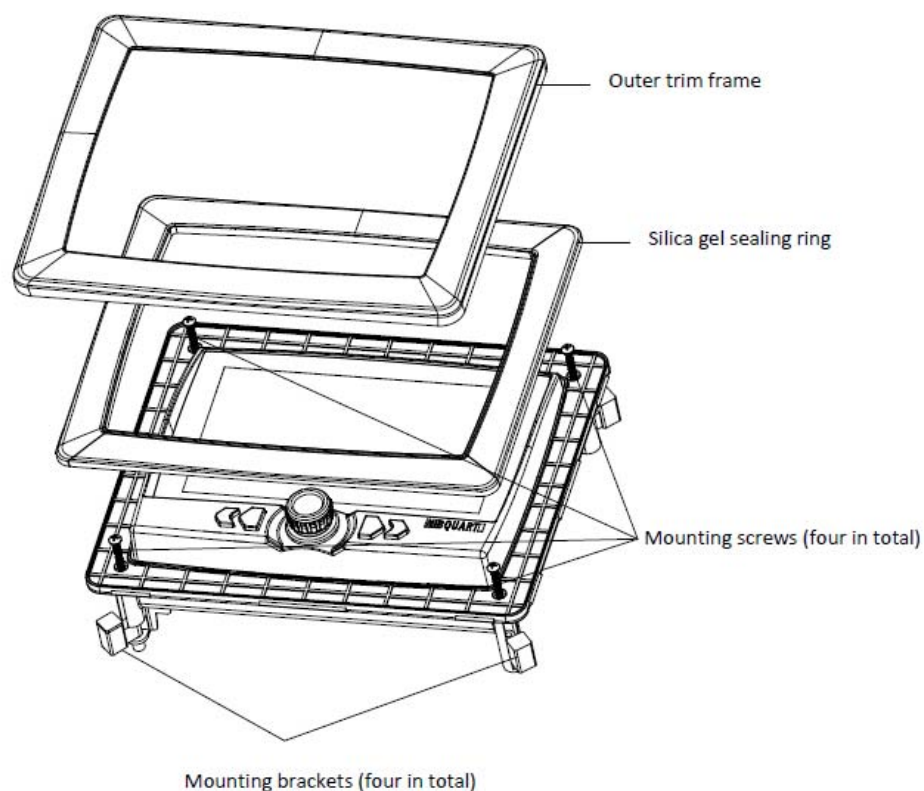
Installation Method

Step 1: Remove the plastic outer frame and outer frame sealing silicone.

Step 2: put the unit on the base.

Step 3: Take four screws and four mounting brackets from the attachment, Tighten the screws and mounting brackets to secure the unit to the base.

Step 4: Put the outer frame sealing silicone and plastic outer frame.

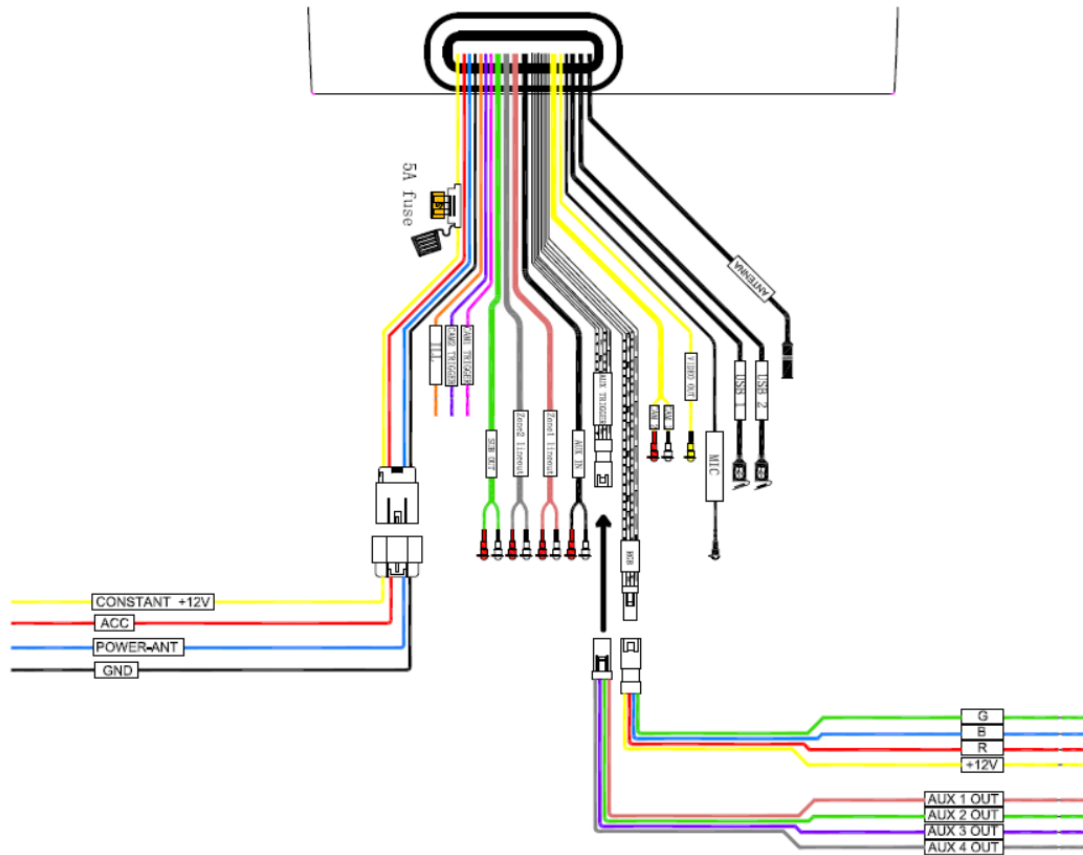


INSTALLATION

ATTENTIONS OF INSTALLATION

1. This player should be installed by professional technician.
2. please read the instruction and operation of equipment carefully before installing.
3. Make sure to connect other wires before power connection.
4. To avoid short circuit. Please make sure all the exposed wire are insulating.
5. Please fix all the wires after installation.
6. Please make connection to the player accordingly to this instruction manual. Wrong connection may cause damage.
7. This player only fit for 12V DC device and please make sure your car belongs to this kind of cathode grounding electrical system.
8. Please connect the wires rightly. Wrong connection will cause malfunction or damage the electrical system.

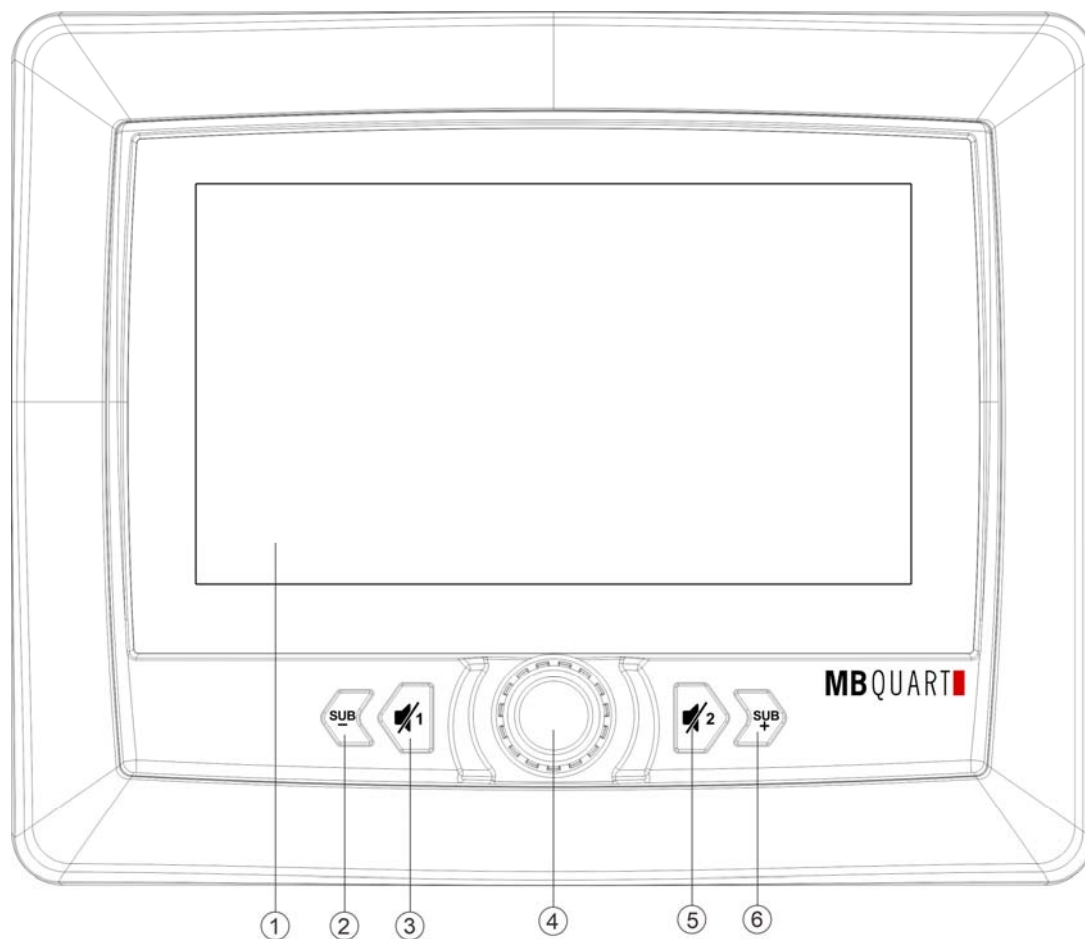
ELECTRICAL CONNECTON



Attention:

1. Please make sure "CONSTANT +12V" and "ACC" pin location are correct before making connection
2. This player can only be used by the 12V DC cathode grounding electrical system.
3. Don't connect the terminals of the car battery until the player is absolutely with well erection joint.
4. Please make sure to connect the yellow wire to the positive of the battery (+) or constant +12V.
5. When change the fuse. Please make sure the specifications are same.
6. Using good quality speaker with 4-8 ohm can result in the best effect of the equipment.
7. Connect iPhone to product via USB1 port, User can also go to Apple CarPlay

THE PLAYER



1.Touch screen user interface

2/6.Subwoofer volume down/ up

3.Zone1 mute

4. Rotary VOL knob to adjust main volume. Press VOL knob once, shows ZONE 1 VOL pop-up window, Rotate VOL knob to up/down Zone 1 volume. Press VOL knob twice, shows ZONE 2 VOL pop-up window, Rotate VOL knob to up/down Zone 2 volume. Press VOL knob 3 times to exit pop-up window mode. Long press the VOL knob to turn off, short press the VOL knob to turn on.

5. Zone2 mute

OPERATION

Switching on/off

- ☛ Switching on/off with the rotary/push button.
- ☛ For switch-off, hold the rotary/push button pressed for more than 2 seconds.

Switch on/off via vehicle ignition

If the car sound system is connected with the vehicle ignition and it was switched off with the rotary/push button, it is switched on or off with the ignition.

Volume

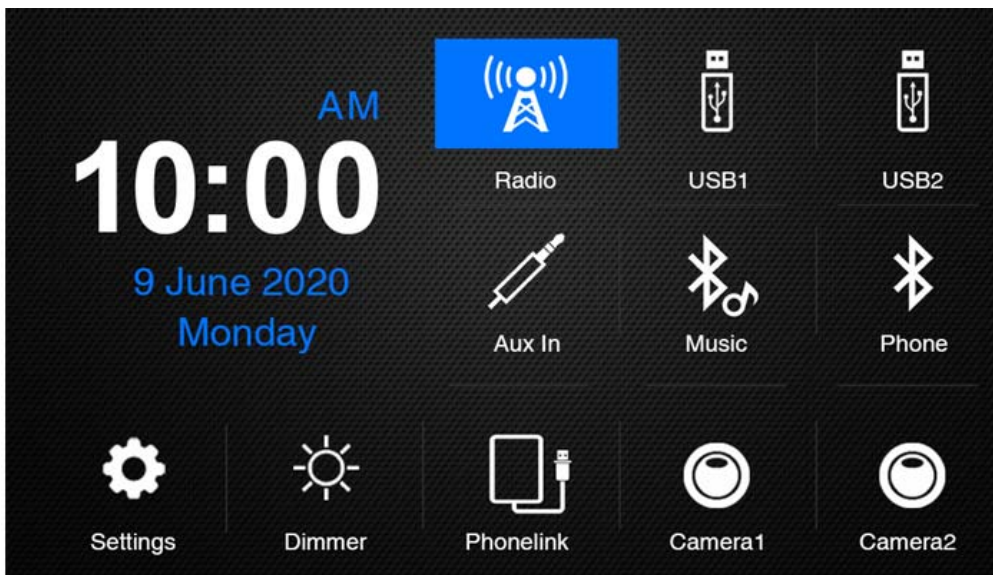
Adjusting the volume

You can adjust main volume, Zone1 volume and Zone2 volume.

- ☛ Rotary VOL knob to adjust main volume in steps from 0 (off) to 40 (maximum).
- ☛ Press VOL knob once, rotary VOL knob to adjust Zone 1 volume in steps from 0 to 20 (maximum).
- ☛ Press VOL knob twice, rotary VOL knob to adjust Zone 2 volume in steps from 0 to 20 (maximum).

Main menu (Home)

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



Radio: Listen to FM, AM or WB radio program.

USB1: Play music/video/image in USB device.

USB2: Play music/video/image in USB device.

Aux In: Listen to external audio.

Music: Play audio streaming through Bluetooth.

Phone: Make a hands-free phone call.

Settings: Set the parameters of the product.

Dimmer: Screen brightness high or low selection.

Phonelink: Connect iPhone to product USB 1 port via lightning, Playing CarPlay or Apple Phone Screen display

Camera1: View left or right camera

Camera2: View left or right camera

- ☛ In the current source, press the [] button. The main menu is displayed.

OPERATION

Radio mode

In the main menu, Touch [Radio] icon to enter the radio interface:



Band switching

Touch [BAND] to enter FM1, FM2, FM3, AM1, AM2 and WB interface, The user can select the desired band

Tuning into a station

Tuning into stations manually

☛ Touch the [] or [] to search previous or next by step.

Station seek tuning

☛ Long press the [] or [] button for approx. 2 seconds to search for the previous or next available radio station. If the station is searched, the process will stop and play the station searched.

Storing stations manually

- ☛ Press [BAND] to select FM1/FM2/FM3/AM1/AM2 band.
- ☛ Received the desired station.
- ☛ Press one of the memory buttons [1]-[6] for approx. 2 seconds to store the current station at the button. The station is stored.

Storing stations automatically (Travel store)

☛ Touch [] to automatic search and save station; When search is completed, the first radio station searched will be automatically played and the stations will stored in the preset [1] ~FM3(or AM1/AM2).

Scanning stations

☛ Touch the [PS] to listen the preset stations [1] to [6] FM1~FM3(or AM1/AM2) for few seconds.

OPERATION

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.

☛ Touch [DX/LOC] to adjust the sensitivity of station seek tuning.

If **LOC** is displayed, only stations with a strong signal are found during seek tuning.

If **DX** is displayed, stations with a strong and weak signal are found during seek tuning.

Stereo/Mono switching

Change FM stereo to monochrome. It can reduce the noise when the signal is weak.

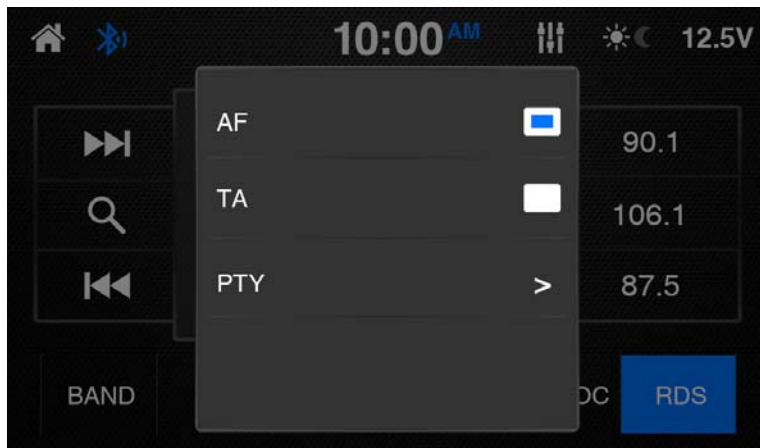
☛ Touch [ST/MO] to switch Stereo/Mono.

☛ In Stereo mode, The ST is displayed in white.

☛ In Mono mode, The ST is not displayed.

RDS function

Many FM stations broadcast an RDS (Radio Data System) signal in addition to their programme in the Europe reception area that allows additional functions, such as the display of the station name.



Switching AF (Alternate frequencies) function on/off

If the AF function is activated, the car audio system automatically tunes into the best receivable frequency for the station that is currently set.

☛ In FM band, press [RDS] button into the RDS menu.

☛ Press [AF] button to switch the AF function on/off.

☛ If the AF function is switched on, AF is displayed in white.

Switching the TA (Travel Announcement) function on/off

If the TA function is activated, the car audio system automatically receive travel announcement.

☛ Press [TA] button to switch the TA function on/off.

☛ If the TA function is switched on, TA is displayed in white.

Selecting the program type and starting seek tuning

You can select a program type with the PTY function to search for stations of a particular genre for PTY List.

OPERATION

USB media player

Insert USB Flash Drive with media files.

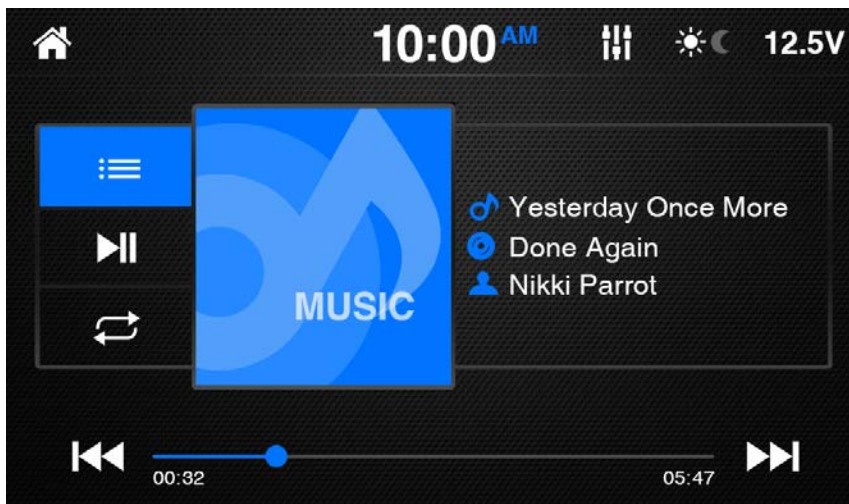
Supporting Format

- ▶ Music: MP3, WMA, FLAC, WAV.
- ▶ Video: MP4, WMV, MKV, AVI, MPEG.
- ▶ Picture: JPG, PNG, BMP.

Connecting a USB data carrier

- ➡ Insert the data carrier to the USB1 or USB2 socket.
- ➡ The device automatically switches to USB mode. The data is read, and playback starts with the first media file recognized by the device.

Play Music



Touch [▶▶] to play the next track.

Touch [◀◀] to play the previous track.

Touch [▶⏸] to pause current playing track or replay the paused track.

[⏮⏭] Playback in repeat off and random off.

[⏮⏭] Repeat the same files.

[⏮⏭] Repeat All files.

[⏮⏭] Playback in random.

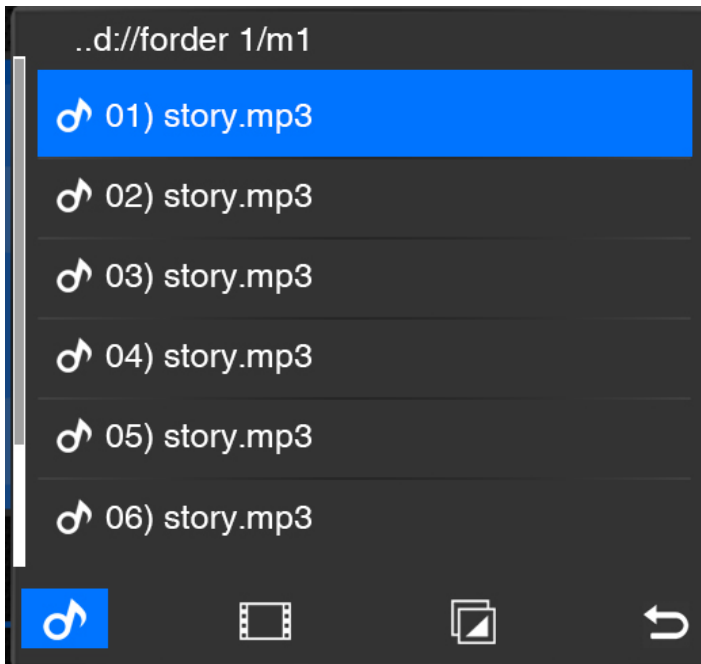
[⏮⏭] Display equalizer.

Drag the [] for fixed-point playback.

[☀🌙] Switch to day and night mode in any screen.

OPERATION

Touch [], Display the folder/file list, the following menu appears:



Touch [] to show audio tracks list.

Touch [] to show the video list.

Touch [] to show the picture list.

Touch [] to return playback page.

Video playback from USB1 or USB2



1. Touch [] or [] to play the previous or next track.
2. Touch [] or [] to pause current playing track or replay the paused track.
3. Touch [] to select multi-field information with multi-field information video.

OPERATION

4. Touch [] to select the display language in the multilingual video
5. Touch [] to show the video list then select the video track to play.
6. Touch [] to change repeat mode: Repeat One/Repeat Directory/Repeat All.
7. Touch [] to repeat A to B.
8. Touch [] to adjust the brightness.
9. Drag the [] for fixed-point playback.

Image playback from USB



- [] Next image.
- [] Previous image.
- [ / ] Interrupt playback and continue playback.
- [] Rotate image.
- [] Phantom play.
- [] Zoom in/Zoom out.
- [] Display the folder/file list.

Bluetooth mode

The Bluetooth® function allows pairing cell phones & BT equipped media playback devices with the car audio system.

Once you pair a cell phone with the car audio system, you can make phone calls with the built-in hands-free function. You can access the list of dialed numbers and the phone book of the registered cell phone after selecting “Sync” option.

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

OPERATION

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

Bluetooth pairing

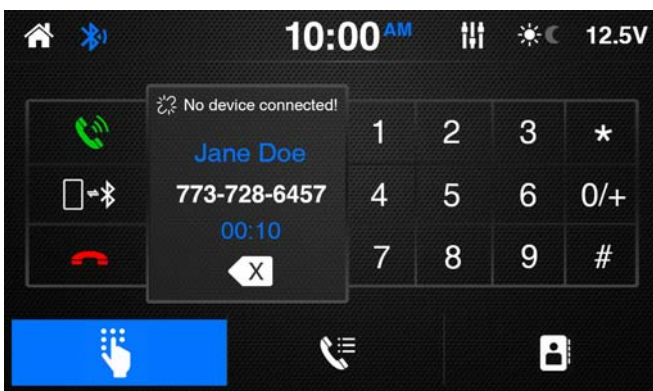
☛ Select the Bluetooth item and search the Bluetooth device on your phone. Select “MRC7” and confirm that this code is shown on “MRC7”. Do not enter this code on any accessory, the BT icon will be displayed when successful paired.

Connection status

☛ If a mobile phone/device is connected the car audio system, the Bluetooth® icon is displayed at the top left corner of the display in all audio/video sources.

Bluetooth PHONE mode

☛ Select In the main menu, touch [Phone] icon, the following menu appears.



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

☛ Enter a phone number with the keypad & press the [] button.

- Or -

☛ Briefly tap a contact / number via the caller list or phone book in the pop-up window. If there's an incoming call, the call menu is displayed.

[] Dialing log page.

[] Phone book page.

[] Answer/dial out a call.

[] Reject/cancel a call.

[] talking back to the phone.

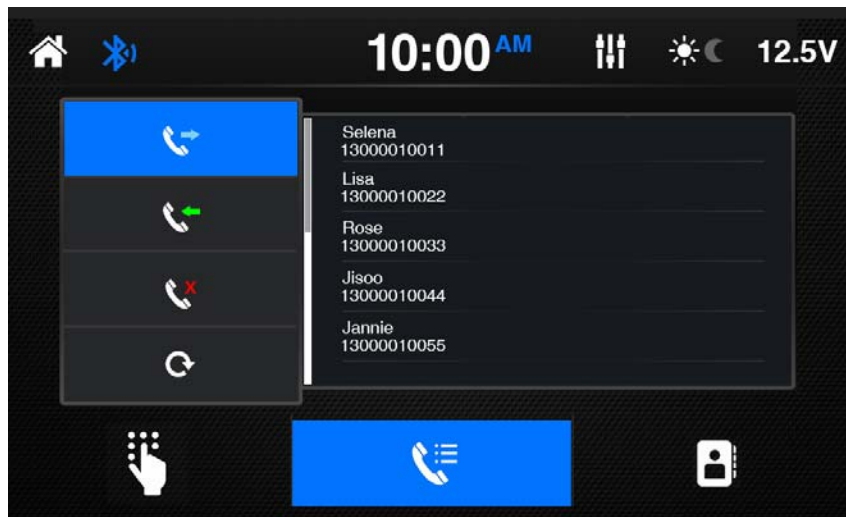
OPERATION

Phone book

Touch [] to enter the following menu appears.

Briefly touch [], the keypad will pop up. Input the letter to search contact.

Touch [] to load the phone book.



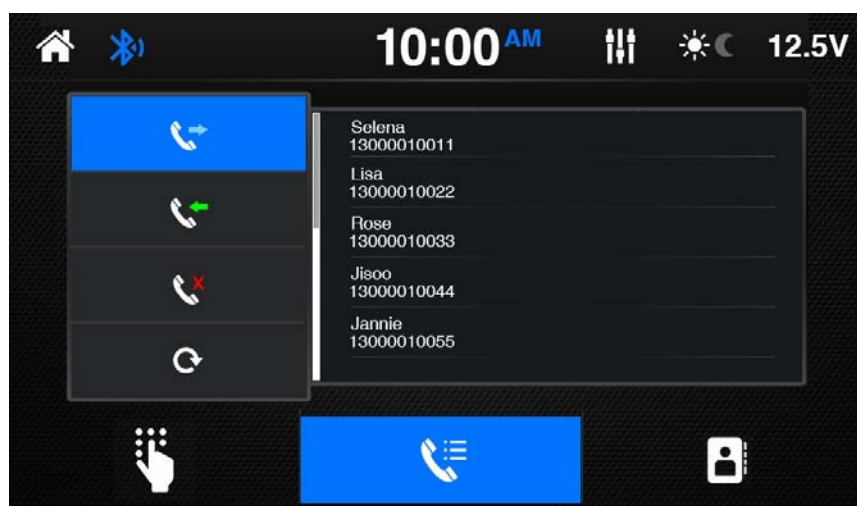
Note:

Phone book sync: To be able to access the phone Log / phone book of a connected mobile phone / device, you must allow sync phone book on your mobile phone. Car audio system support up to 1024 numbers.

Phone Log / Phone book download: Once device is paired with the car radio & sync option is selected the car radio begins downloading the phone log and phone book. Should this be interrupted the download will begin the next time the device is within range & connected to the car radio.

Phone Log

Touch [] to enter the following menu appears.



OPERATION

[] Dialed out number list.

[] Incoming call list.

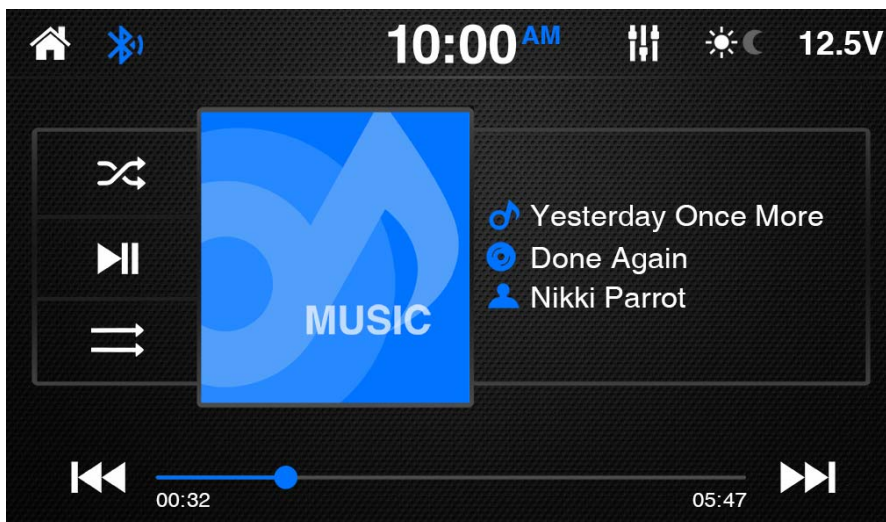
[] Missed call list.

[] Sync call records.

Through the slide bar to scroll up/down through the list page by page.

Bluetooth playback mode

Select In the main menu, press [Music] icon, the following menu appears.



[] Next track.

[] Previous track.

[] Interrupt playback and continue playback.

[] Playback in random.

[] Select repeat one/repeat all/repeat off.

External audio sources(AUX IN)

Connect an external component to the AUX IN input terminal.

Select AUX IN as the source.

Turn on the connected component and start playing the source

Camera 1 Input

This device features a video input at the rear of the device for connecting a view camera that is available as an option (sold separately). If a view camera is connected, the image is displayed on the screen, when select camera 1 as the source.

🔌 When connect CAM 1 trigger wire to 12V power supply can to view camera 1

OPERATION

Camera 2 Input

This device features a video input at the rear of the device for connecting a view camera that is available as an option (sold separately). If a view camera is connected, the image is displayed on the screen, when select camera 2 as the source.

☛ When connect CAM 2 trigger wire to 12V power supply can to view camera 2

External monitor

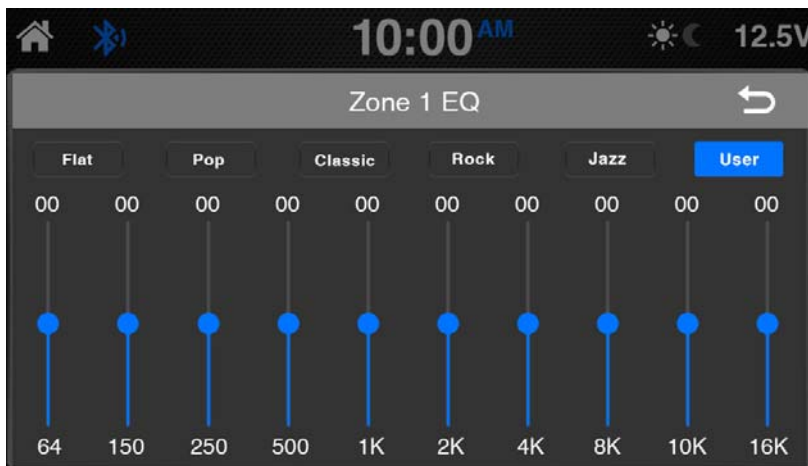
This device features a video out for connecting an external monitor for passengers in the rear seat (see Connection diagram at the end of these instructions).

☛ Select the desired source via the main menu and start movie playback, e.g. from a USB.
The image is displayed on the rear monitor.

Equalizer settings

You can adjust the equalizer for all sources.

In the Radio, USB, BT music, Phone and Camera mode interface, touch [] icon. The equalizer menu is displayed.



1. Select a preset equalizer via the Flat, Pop, Classic, Rock, Jazz icon
2. Touch the [**User**] button to set the levels of the available frequency bands according to your preferences.
3. Touch [Zone 1 EQ] to switch to the ZONE2 EQ interface, and the user can adjust the ZONE2 equalizer.
4. Touch [Zone 2 EQ] to switch to the ZONE1 EQ interface, and the user can adjust the ZONE1 equalizer.

OPERATION

Settings

In the settings menu, you can adjust the settings for the different functions of the device to suit your requirements.

☛ In the main menu, touch [Settings] icon. The settings menu is displayed.

Language

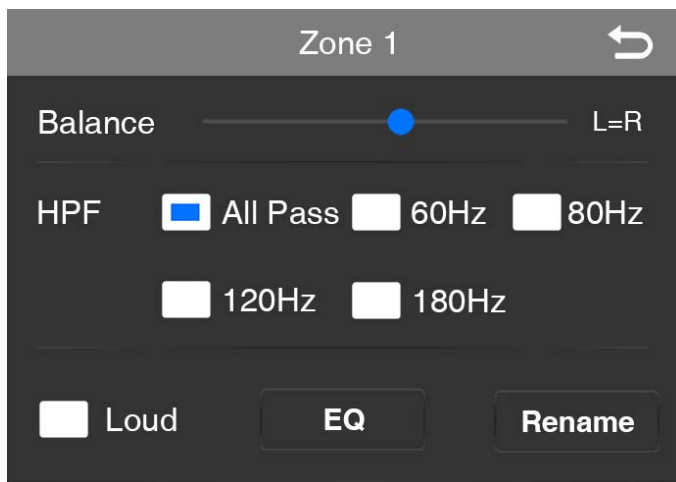
Touch to select language

Audio

Press [Audio] the audio menu is displayed.



1. Touch [Zone1] to enter zone1 audio settings interface:



Drag the [] icon, to adjust the balance

High Pass Filter adjustment, you can select ALL Pass ,60 Hz, 80 Hz, 120 Hz or 180 Hz.

Open/Close Zone1 and Zone2 Loudness effect.

Touch [EQ] to enter Zone 1 equalizer interface, you can adjust the Zone 1 equalizer.

Touch [Rename] to enter Zone 1 rename interface, you can change the name of Zone1

2. The Settings for Zone 2 are the same as those for Zone1
3. Touch [Subwoofer] to enter Low Pass Filter interface: Low pass filter adjustment, you can select 80Hz, 120Hz, 160Hz and off. If you select off, SUB out is set to all pass output.
4. Touch [Gain Level] to enter gain level interface, you can adjust USB, Radio, BT and AUX gain level.

OPERATION

5. Max Vol settings, drag the [] icon, you can adjust maximum main volume value.
6. P-Vol settings, drag the [] icon, you can adjust the default volume value on startup.

Radio Area settings

Touch [Radio Area] to enter radio area, touch to select the region.

Display settings

Touch [Display] to enter display settings.

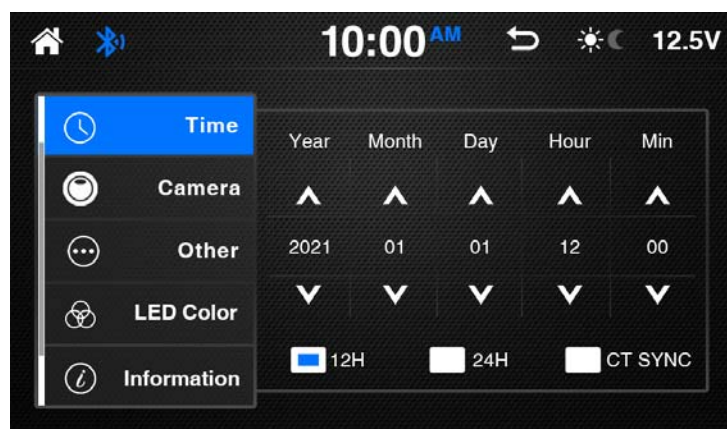
1. Drag the [] to adjust brightness.
2. Drag the [] to adjust contrast.
3. Drag the [] to adjust saturation.
4. Drag the [] to adjust hue.

Background settings

Touch [Wallpaper] to enter wallpaper interface, you can select your favorite wallpaper in the background.

Time settings

Touch [Time] to enter time interface.



In this menu, following settings are possible:

- Set date.
- Set time.
- Use 24 hour format or 12 hour format.

When CT SYNC set to on, Received RDS station, the CLOCK will synhronize to the station's time.

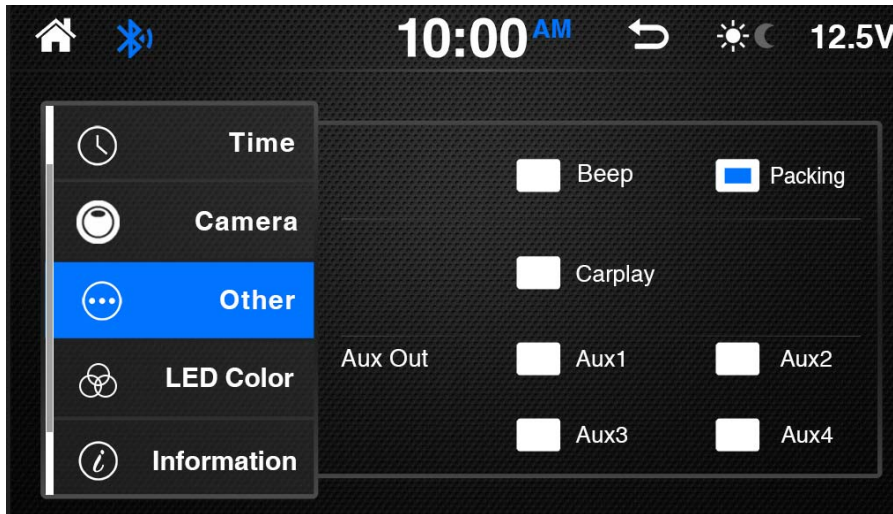
Camera

1. Touch [Camera] to enter camera settings interface. When the camera 1or camera 2 View is set to normal, the video is in normal View. When the camera 1 or camera 2 View is not set to normal, the video is in reverse View.

OPERATION

Other settings

Touch [Other] to enter the other settings interface.



- **Beep:** Switch beep sound on/off.
- **Parking:** Turn parking detect on/off.
- **CarPlay:** CarPlay on/off. When CarPlay is set to on, connect iPhone to product USB 1 port via lightning, you can Playing CarPlay, When CarPlay is set to off, you can display apple Phone Screen.
- **Aux Out:** Open/close Aux1, Aux2, Aux3 and Aux4. When them is set to on, Aux trigger output.

LED Color settings

Touch [LED Color] to enter the LED color settings interface, you can select your favorite color.

Software version

Touch [Information] to view the current software version.

Day/Night settings

Touch [Day/Night] to enter the day and night switch time setting interface, When Day/Night is set on, Day/Night The setting time is valid

Factory reset

Touch [Reset] to display the prompt that all Settings will be reset, touch [YES] to reset, all the memories will be lost.

COMMON PROBLEMS AND SOLUTION

When there is a problem with the machine

1. Recovery to factory settings or reset;
2. Try reigniting;
3. Please check the phenomena that described in the table below and try to use the solutions;
4. Contact Service Center;

Machine/ function	Phenomena	Solutions
Machine	Cannot power on/off	Check the connection, if it is broken, try to reconnect it; Check the main fuse, if it is damaged, replace it; Press reset key
	No sound	Adjust the volume; Confirm whether the music and video is supported or not; confirm whether the connection of the power amplifier is lost;
Reversing	Abnormal picture	Exit reversing mode and enter again; Check whether the camera is covered by foreign matters; Check whether the type of reverse camera is matched or not; Check the reversing signal cable;
Radio	Noisy; Con not search the station	Ensure there is no metal products around the machine; Driving the vehicle to the place where the radio signal is good and search the station; If the solutions above are invalid, please check whether the antenna is disconnected, damaged, etc.;
Bluetooth	Connecting fail	Please make sure that the Bluetooth of mobile device is turned on, the machine is not connected;
USB playing	Playing fail	Ensure the U disk is not damaged; Please make sure that the format of content is supported;

FCC Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following

two conditions: (1) This device may not cause harmful interference, and (2) this device

must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital

device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the

user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible

for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator&your body.