Owner's Manual

Car MP3 Player & FM Stereo Radio

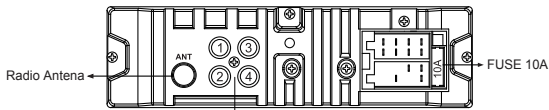|							
FM Radio	USB Playback	TF Card Playback	Charging	Handsfree	AUX Input	Remote Control	MP3 Player

Note: The optional functions such as TF card , Type-c Socket for charging, Push-To-Talk (Voice Control), multicolor illumination, 7 color horse race lamp, Remote Control, Detachable panel will vary by model.

Wiring Connections

Radio Antena

ANT

FUSE 10A

1. FR: Front Right RCA PRE-AMP Output (Red)
2. FL: Front Left RCA PRE-AMP Output (White)
3. RR: Rear Right RCA PRE-AMP Output (Red)
4. RL: Rear Left RCA PRE-AMP Output (White)

ISO Plug Configuration:

Socket A (Speakers):
A1: Rear Right (+) (Purple)
A2: Rear Right (-) (Purple/Black)
A3: Front Right (+) (Gray)
A4: Front Right (-) (Gray/Black)
A5: Front Left (+) (White)
A6: Front Left (-) (White/Black)
A7: Rear Left (+) (Green)
A8: Rear Left (-) (Green/Black)

Socket B (Power supply):
B1: Spare
B2: Spare
B3: Spare
B4: +12 Volt Power/Battery (Yellow)
B5: Electric Antenna +12V DC (Blue)
B6: Spare
B7: +12 Volt ACC/Ignition (Red)
B8: Ground (Black)

Technical Specifications

General
Working Voltage: DC 12V Negative Ground
Current Consumption:10A (Max.)
Power Output: 4 x 50 Watt (200 Max.)
FM Tuner
Frequency Range: 87.5 ~ 108.0 KHz
Effective sensitivity:10 dB
S/N Ratio: 60dB
I.F. frequency:10.7 MHz

USB/Type-c Socket/TF Card
Usable Audio Formats: MP3, WMA, WAV, APE
USB Version: 2.0
Max. USB/TF Memory Support: 64GB
USB or Type-C Socket Charging : 5V/1A
Bluetooth
Bluetooth Version: 4.0
Protocols Support: A2DP, AVRCP
Wireless Range:approx. 8 metres
Transmission frequency:2.4GHz

General Operations

Turn Unit on/off: Press the ⏻ button to turn on the unit. Press and hold this button to turn the unit off.
Change Modes(Source)
Press the **MODE** button to select the different modes: Radio, USB(with USB device inserted), SD(with TF card inserted), BT(Bluetooth) and AUX IN(aux audio input).
Adjust the Volume (VOL): Rotate the **VOL** knob to increase or decrease the volume level.
Voice Control (Optional**)**
First connect your phone to the car radio via Bluetooth. When your mobile phone is connected to the car radio, short press the 🎤 , 🗣 button (or volume knob for some models) to access the direct connection to your mobile phone's assistant for easy driving.
Adjust Menu Options (Note: The setting menu will vary by model**)**
• Short press the **SEL** button to enter the setting menu, then press the **SEL** button repeatedly to cycle through the following setting menu: BASS, TREBLE, BALANCE, FADER, LOUD(Loudness ON/OFF), EQ(FLAT, ROCK, POP,CLASSIC, JAZZ, OFF), Stereo/Mono, DX/LOCAL, Reset setting, Volume, Multi-region tuner (Asian / Europe / USA / South USA / Latin / Brazil frequency).
• Rotate the **VOL** knob to adjust the selected item.
• Press and hold the **SEL** button to enter CL 1 (Seven color horse race lamp change mode), rotate the **VOL** knob to switch between CL 1 and CL 2 (Seven color jump flash change mode).
- In CL 1 mode, short press **SEL** buton and rotate the **VOL** knob to select the brightness to HI(high), low and ADJ. In ADJ mode, you can set the time period for LOW brightness.
- In CL 2 mode, you can switch between seven color change mode and ADJ mode.
- In seven color change mode, you can set illumination color: AUTO/RED/GREEN/BLUE/YELLOW/ CYAN/PURPLE/WHITE. In ADJ mode, you can set the time period for LOW brightness.

General Operations

Mute On/Off
Briefly press the **MUTE** button on panel or on remote control to toggle mute on or off.

Setting the Clock
• Short press the **CLK** button (some models need long press CLOCK/DISP) to display time.
• Press and hold the **CLK** button (CLOCK or DISP button), the hours digits start flashing on the display.
  Rotate the **VOL**(volume) knob to adjust the hours.
• Short press the **CLK** button (CLOCK or DISP button), the minute digits start flashing.
  Rotate the **VOL**(volume) knob to adjust the minutes.

TF Card (Optional)
This TF card slot is designed for song playback from TF card.

USB (or Type-c socket for some models) for smartphone Charging
The charging USB port (Type-c socket for some modes) is designed for charging for iPhone / android
mobile phone. The maximum charging ability is 5V/1A.

Play Songs from USB flash memory device
Connect to a USB storage device for music play, or charging of a mobilephone.

AUX IN JACK
Connect to the headphone jack on an external device (e.g. a mobile phone or MP3 player) for audio play.

Release the detachable front panel (Optional)
Press the release button to detach the front panel.

Reset (Optional)
Push the **RESET** button with a thin object with a pointed end to reset the uniut.
This function may be used when the LCD does not display normally or sound is distorted, or when any
of controls are disabled.

Radio Operations

Change Bands
In radio mode, shortly press the **BAND** (or BND) button to switch between the FM1,FM2 FM3.
To Store / Recall Preset Stations
The radio can be stored 6 preset stations for each band (FM1, FM2, FM3), a total of 18 preset stations.
- To memorize a station:
Press and hold a desired preset buttons (1-6) to save a radio station.
- To recall a preset station:
Short press the respective station button (1-6) to choose a radio station.
Manual Tuning
In the radio mode, press and hold the ▶▶ or ◀◀ button to enter the manual tuning mode, then briefly
press the ▶▶ or ◀◀ button to search the next or previous frequency step by step.
Seek Tuning
In radio mode, press the ▶▶ or ◀◀ button, the automatic search will start, it will search
upward or downward for the strong signal radio station within the current band.
The auto searching will stop until find a station.
Automatic Store Preset station (AMS or BAND)
Press the **AMS**(AS or long press the BAND) button to select 6 strong stations and store them in the
current band automatically.
Briefly press the **AMS** button on front panel (or on remote control) button to recall the preset stations
saved in the memories of each band

USB & TF Card Playback

Select Next Track or Previous Track
In the USB/TF card playback, briefly press the ▶▶ or I◀◀ button to skip to next or previous track.
Fast Forward/Reverse
Press and hold the ▶▶ or I◀◀ button to fast forward or reverse a track.
Play / Pause
Press the ▶II button to interrupt the playback of a music (pause function).
Press this button again to continue the playback.
Introduction Scan
Press the **INT** button to play the first 10 seconds of all track.
Press again to stop the introduction scan, and play the current tracks.
Repeating the track
Press the **RPT** button to toggle between RPT ONE(Continuously repeat current track) and RPT FLR/
FOD(Continuously repeat all tracks in current folder), RPT ALL (Play all track).
Playing all tracks in random
Press **RDM** button to play all tracks randomly. Press again camcel random playback.
Track/Folder Navigation
- Press the **5/6** button to jump 10 tracks backward or forward. (Some model need long press)
(If there are folders on the storage medium.)
- Press and hold the **5/6** button to select the previous or the next folder. (Some model are short press)
It only works when there are more than 10 tracks inside the USB stick.
Select the Song for playback in MP3 format
a) Press the **AMS**(AS or long press the BAND) button on the front panel to enter track search mode.
b) Rotate the **VOL** knob select the number of your favorite track wtih high speed.
c) When the desired track number appears, confirm your selection by pressing **SEL** button (VOL knob).
If no any operation in 5 seconds, it will play the current track.

Bluetooth Operations

Pair and Connect
Before using a Bluetooth device for the first time, it must be paired and connected.
1. User can complete the pairing steps from your Bluetooth device.
2. When the phone finds the car audio system, the "CAR BT" name will be displayed. Choose the
"CAR BT" from your phone list to pair and connect with the car audio system.
Answer a Call
When the mobile phone is called, the incoming telephone number displays on the LCD display.
press the ☎ button to answer the incoming phones.
Redial Last Dialed Number
Press the ☎ button to redial the last dialed phone number.
Reject or End a Call
Press the ☎ button on the front panel to reject or end the call.
Switch Audio Between Car Audio and mobile Phone
During a call, press the **SEL** button (Volume knob) on the front panel to switch the audio source from
the car audio system back to your mobile phone.
Audio Streaming (A2DP)
This car radio supports A2DP (advanced audio distribution profile) wireless streaming audio from a
Bluetooth mobile device directly to your car receiver. The following functions can be used to control the
music playback.
• **Skip to Next music:** Press the ▶▶ button to play the next music in the mobile phone.
• **Skip to Previous music:** Press the I◀◀ button to previous music in the mobile phone.
• **PLAY/PAUSE:** Press the ▶II button to pause or restore the music playback.

FCC Warning

15.19 Labeling requirements.

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.

15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.105 Information to the user.

Note: 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.

FCC RF Radiation Exposure Statement:

1.This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

2.This equipment complies with RF radiation exposure limits set forth for an   uncontrolled environment.

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