Quick Guide

Car DVD/TV/Radio/Bluetooth/GPS

No.CA109-R

Please read this guide carefully before using this product and properly keep the guide for future use.

★★★★ Copyright

The copyright of this manual is reserved by our company. All rights are reserved. This manual may not be copied, reproduced or translated in whole or in part without the express written permission by our company.

Our company reserves the right to improve the product, and its hardware and software.

This manual is an operating guide, but not the warranty of the product. Our company doesn't guarantee the contents included in this manual.

Since we adhere to the strategy of sustainable development, printing error in the manual, incompliance with latest materials, software upgrade, and product improvement may be performed at any time. The product is subject to change without further notice, and revision will be directly edited to the manual of new edition.

Our company reserves the right of final interpretation for the manual.

Precautions

To ensure the traffic safety and avoid contravening the traffic regulations, do not watch any program or operate the system during driving.

For safety and correct operation of the product, the product shall be installed by professional. Do not disassemble or repair the system by yourself to avoid an accident or damage to the system.

To avoid electric shock, damage and fire resulting from short-circuit, do not place the product in water or places where are wet.

Since the screen of the product adopts precision electronic structure, do not hit the TFT display to avoid damage to the product.

Since the reverse monitoring function is only used as auxiliary reverse function, we take no responsibility for any accident that occurs during reverse.

Tire pressure monitoring system can monitor the pressure and temperature of the tire, and helps to reduce the risk of tire burst. However, tire burst may still occur. Under normal tire pressure or temperature, tire burst can be caused by wear of tire and the perfection degree. Therefore, the monitoring data of the system is only for reference, and you should check the tire status in time.

NOTE

In order to use the product correctly and safely, please read this manual carefully. Specification and design due to technical improvement are subject to variation without notice !

Please read this manual carefully before using this product and properly keep the manual for future use.

Remark: the above symbol indicates that this product hasn't any harmful materials or elements, it is environmentally friendly and recyclable, and shouldn't be littered at random.

Trademark Licence:

①Manufactured under license from Dolby Laboratories;
②“Dolby” and the “double-D” symbol are trademarks of Dolby Laboratories.

Brief Introduction

Thank you for purchasing our high-quality car electronic product. This system is a multi-functional car AV entertainment system with a brand-new GUI, which is designed for Mazda 2. It combines DVD player, radio, bluetooth communication, navigation system, browser, multimedia, iPod player (externally plugged) and audio poweramplifier together. The system adopts built-in slot-loading car DVD chip, which can play discs in format of DVD, VCD, CD, MP3, WMA, MPEG4, JPEG.In addition, the system adopts high-sensitive FM and AM digital tuner making you master the world's trends and financial information at any time and any place while you are in your car; with 8" extra-clear digital TFT LCD, your vision can be extremely broadend and it is always kept in the best performance; with outlay USB port, when there is USB, audio and pictures can be viewed and played; with optional reverse radar, reverse camera, tire presssure monitoring, navigation, AV and other interfaces for auxiliary functions, you can use these products to realize more functions. The structural dimensions of the system conform to the installation dimensions of ISO TWO DIN.

Car electronic product is specially designed, fully intelligent, humanized, and featuring GUI operation; featuring OSD menu, various functions can be realized through function keys on the panel and touch screen, thus realizing perfect HMI and meeting your requirements of comfort. If your cell phone is a Bluetooth cell phone, you can answer your call through the system without picking up your phone; with double zone functions, people at rear row can be satisfied.

To correctly install and use the system, please read this manual carefully.

Product Functions

Built-in Functions:

Built-in radio, DVD player, bluetooth hand-free, navigation, USB port, display and high power amplifier.

Radio Receiving:

With high sensitive AM/FM receiving, it could prestore 30 stations received.

DVD Player:

It could play discs in formats of DVD/VCD/CD/ MP3/WMA/JPEG/MPEG4 with touching completely.

Bluetooth Hand-free:

It supports Bluetooth hand-free communication and plays bluetooth music (cellphone supported is required).

Touch Screen:

It is convenient to operate the host unit.

Display:

Wide and new digital LCD with extra clear and high definition.

SD Card Port 1:

It is used to read data of multimedia.

SD Card Port 2:

It is used to read data of map and update for software and map.

Multimedia Function(support USB playing):

It supports to play files in format of WMV/ MP3/MP4/MPG/AVI/WMA/RMVB ,and it shows the lyric while playing.

Navigation Function:

An intelligent system capable of intellectually optimizes the best driving route according to the user's destination and guides the driver smoothly to the destination with displaying high-precision graphical of both the road names and signs and playing phonic traffic identifications.

Analog TV Function:

It supports the analog TV function and searching programs to play

Browse Function:

It supports browsing the internet when it is connected with external 3G moduele

Optional Function

AV Function:

It supports AV input from the external equipment.

iPod Play:

It supports playing music from iPod by the switching wire.

Music Navigation:

When there is no voice navigation indication, you can enjoy music and video normally, thus being happy and relaxed in your trip!

Reversing Display (Optional):

You can observe the reversing condition when you are reversing by connecting the reversing camera.

Reversing Radar (Optional):

Connecting with the reversing radar, the distance detected by the radar is displayed on the TFT LCD, then we can view reversing situations more directly.

The Steering- Wheel controling Function:

It supports the original steering-wheel controling function.

Tire Pressure Monitoring System (Optional):

With tire pressure monitoring function.

Following are other functions:

Dynamic Graphical Interface:

User interface designed with graphical fully, which makes it more directly and hunman friendly.

Language Settings Menu:

Chinese / English / Russian Portuguese can be selected as language to display on the screen.

Audio Output Port:

It has 5.1 channel audio output port, which is compatible with the outside amplifier.

EQ Modes:

It has Standard/Pop/Rock/Classic/Jazz/ Custom mode.

Tone Modes:

It features Treble/Mid /Bass/Cen/Mega Bass adjustment.

Display system:

Auto PAL/NTSC/SECAM, with widely application and highly compatible.

Black Screen:

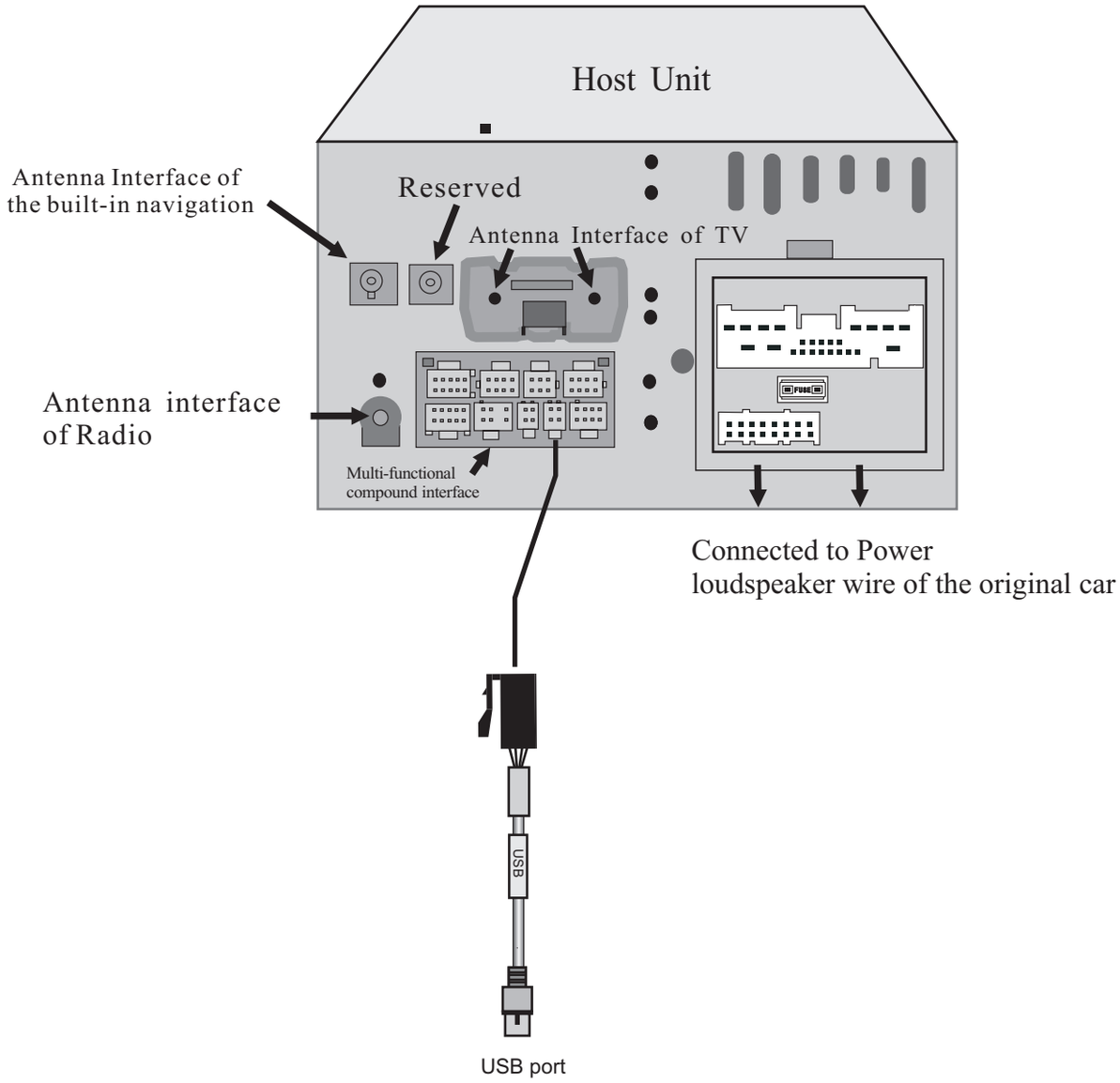
The function is specially designed for preventing intensive light glaring and hindering of normal driving at night.

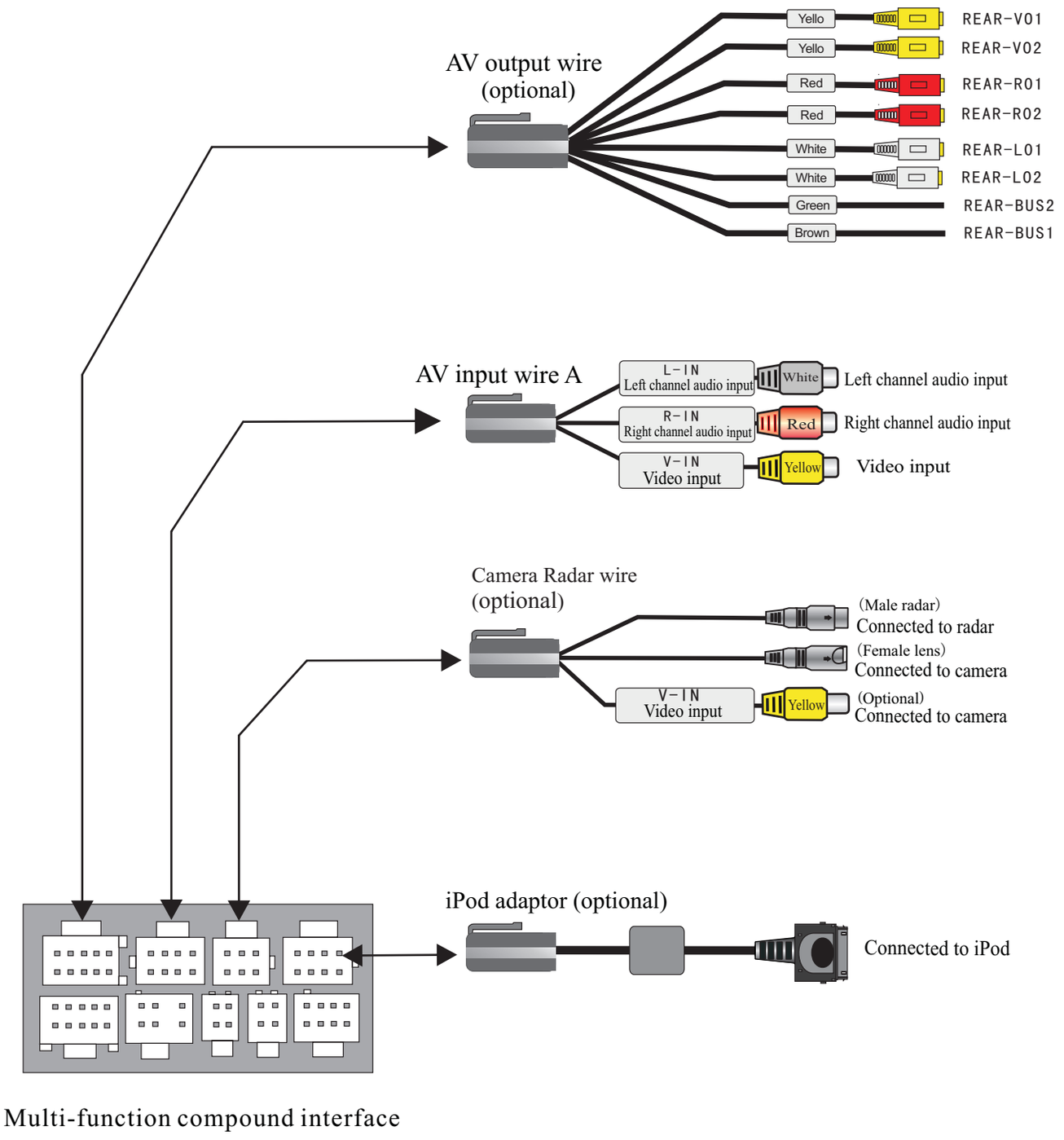
Auto Memory:

All the adjusted parameters can be memorized and restored automatically.

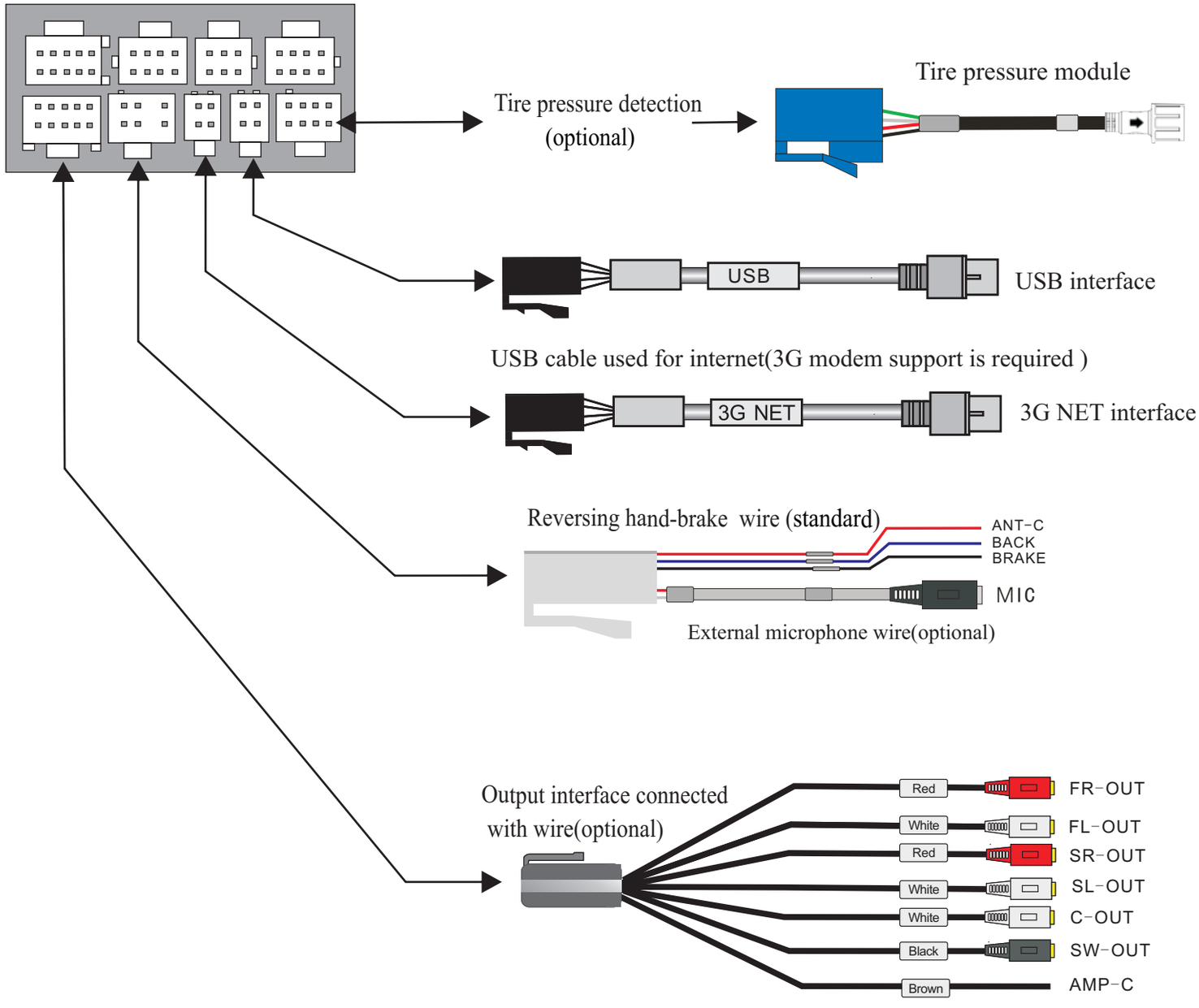
Connection Diagram

- To make the system functions the best, please connect the wires strictly according to the connection diagram.
- To prevent from short-circuit, please cover the insulation casing of audio and video when they have not been used.




AV output wire
(optional)
Yello
Yello
Red
Red
White
White
Green
Brown
REAR-VO1
REAR-VO2
REAR-RO1
REAR-RO2
REAR-LO1
REAR-LO2
REAR-BUS2
REAR-BUS1
AV input wire A
L-IN
Left channel audio input
R-IN
Right channel audio input
V-IN
Video input
White
Red
Yellow
Left channel audio input
Right channel audio input
Video input
Camera Radar wire
(optional)
(Male radar)
Connected to radar
(Female lens)
Connected to camera
V-IN
Video input
Yellow
(Optional)
Connected to camera
iPod adaptor (optional)
Connected to iPod
Multi-function compound interface

Multi-function compound interface

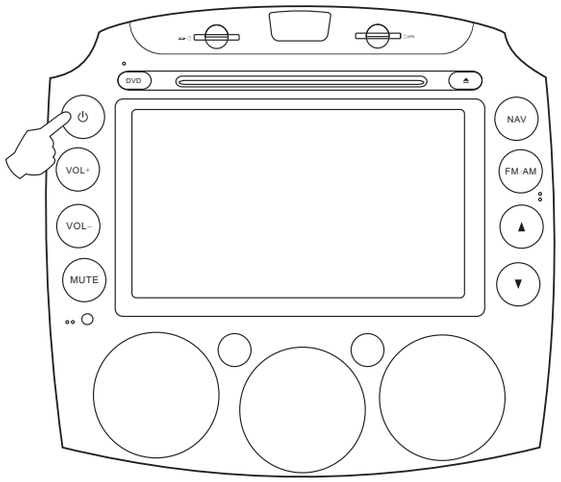


Turn On/Off

Insert/pull out the car key to turn on/off the system.

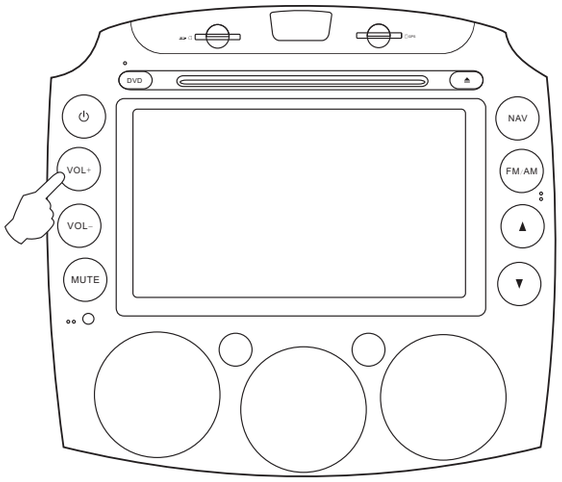
When the system is in standby state, press “⏻” on the panel to turn on the host.

When the system is on, press and hold “⏻” on the panel to enter the standby mode.

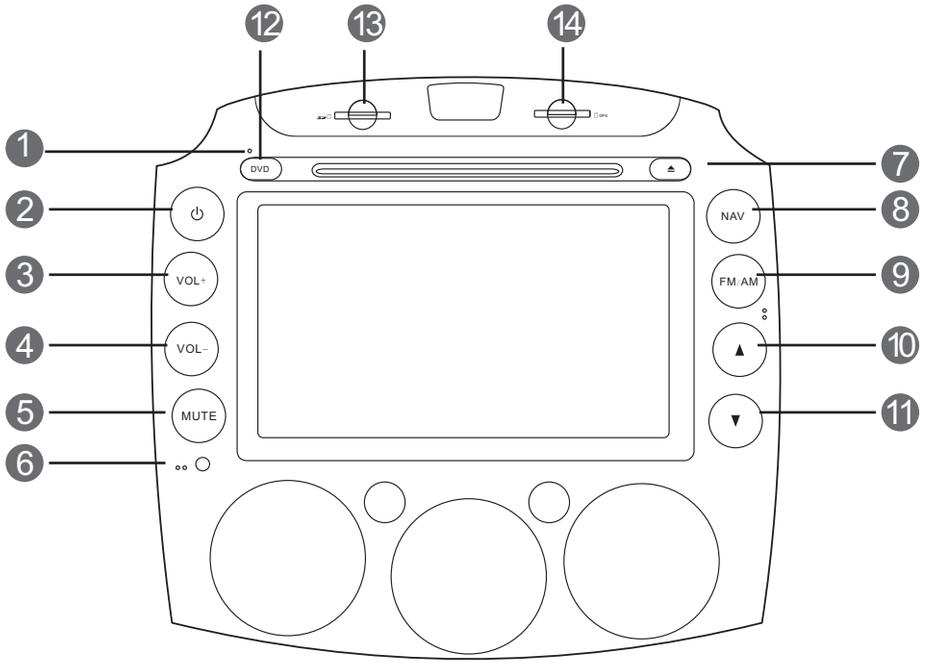


Volume Adjustment

Press VOL− / VOL+ to adjust the volume.



Descriptions of Buttons



1. Insert the hole and press the button inside ,then the system will be reset to the factory defaults.

2. When it is on, press once to enter night mode, press twice to enter black screen mode,long press to enter standby state,when it is in standby state, press shortly to turn on the system.

3 4 turn up/down the volume.

5. Turn on/off volume,and long press to enter the reversing radar interface.

6. This is the window used for communicating with others when using the bluetooth handfree function.

7. Press to inject/eject at any state

8. Enter/exit from navigation mode,long press to enter the calibration interface.

9. In other states, press to switch to the radio state; In radio status, press to switch bands between FM and AM.

10 11 In Radio status press shortly to select the next/previous station,long press to seek programs for high/low-frequency band.In DVD/iPod/DISC status, press to select the next/previous track.

12. In other states, press to switch to DVD state. In DVD state, press to switch among DVD / SD/USB state.

13. Connection interface for SD card and host unit.(for playing multimedia)

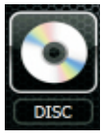
14. Connection interface for SD card and host unit.(for reading data of navigation)

Main Menu

Press or to enter main menu.

As the picture shows , main menu includes Radio ,SD, USB , Bluetooth , AUX , Disc , iPod , ATV, Navigation , AV OUT , Virtual disk box , Camera tire Pressure , IE and Setting-up, Totally there are 15 modules. Then touch the icons directly to enter the corresponding function operations.

For detailed information of these functions, please refer to “User's Manual”.



Disc interface

Radio interface

Navigation interface

(Need phone support)

Bluetooth hand-free interface

AV OUT interface

(Optional)

iPod interface

USB play interface

SD interface

AUX interface

CAM interface

(Optional)

ATV play interface

Setup interface

Virtual CDC interface

(Optional)

TPMS interface

IE interface

Product Specifications

System Parameters

Working voltage	DC 11V-15V
Working current	MAX 15A
Standby current	＜6mA
Working temperature	-20℃ ~ +60 ℃
Reservet emperature	-30℃ ~ +80 ℃
Video system	Auto PAL/NTSC/SECAM
Screen dimensions	176.64mm(W) × 99.36mm(H)
Weight	2. 9Kg

DVD Parameters

Video output	1±0.2Vp-p (75Ω)
Disc format	Diameter 12cm
Disc compatible	DVD/VCD/CD/MP3/WMA/ JPEG/MPEG4

Audio Parameters

Channel imbalance		⩽2dB
Separation		⩾45dB
Frequency response		20Hz~20KHz(±3dB)
Tone control	Bass	100Hz±8dB
	Mid	1KHz±8dB
	Treble	10KHz±8dB

Amplifier Parameters

Test voltage	13. 8V
Max output power	4×10W
Speaker resistance	4Ω (4—8Ω could be accepted)

List of Accessories

Standard Accessories	
Model	Quantity
USB switch wire of H port	1pcs
NAV receiving antenna	1pcs
Stylus pen	1pcs
User's manual	1copy
Quick guide	1copy
Reversing hand-brake wire of F port	1pcs
Optional Accessories	
AV input wire A	1pcs
5.1 Audio output wire	1pcs
AV output wire	1pcs
iPod switch wire	1pcs
USB wire for internet	1pcs
Tire pressure monitoring module	1set
Remote control	1pcs
TV box	1set
External microphone wire	1pcs
Camera Radar wire	1pcs

FCC STATEMENT

1. 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.
(2) This device must accept any interference received, including interference that may cause undesired operation.

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

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.