

Quick Guide

Toyota Corolla Car Audio & Video Entertainment System

No. DS-TY0820



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 of 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 correction operation of the product, the product shall be installed by professional. Do not disassemble or repair the product by yourself to avoid an accident or damage to the product.



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 knock the TFT display to avoid damage to the product.



As for car backing, this system works simply as an assistant tool. Our company is not responsible for any potential car backing accidents.



The failure diagnosis of for car can offer suggestion for car repair, and the failure information indicated should be determined by a professional maintenance center.



Tyre pressure monitoring system can monitor the pressure and temperature of the tyre, and helps to reduce the risk of tyre burst. However, tyre burst may still occur. Under normal tyre pressure or temperature, tyre burst can be caused by wear of tyre and the perfection degree. Therefore, the monitoring data of the system is only for reference, and you should check the tyre 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 material or elements, it is environmental and recyclable, and shouldn't be littered at random.

**Trademark
Licence:**



- ① Manufactured 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-function car AV entertainment system with a brand-new GUI, which is designed for Toyota COROLLA. It combines DVD player, radio, bluetooth communication, navigation (optional), TV (optional), iPod player (externally plugged) and audio power amplifier together. The system adopts dedicated slot-loading car DVD chip, which can play DVD, VCD, MP3, WMA, MPEG4, JPEG, etc. In addition, the system adopts high-sensitivity 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 16:9 7" extra-clear TFT LCD, which can adjust brightness of the screen automatically according to the light intensity of outside. The screen angle can be adjusted. Not only wide angle view, but also offering a best visual status all the time as well. It has outboard USB port, when you insert portable hard disc, it can skim and play the audio and picture in the portable hard disc. With optional reverse radar, reverse camera, disc changer, NAV, AV and other interfaces for auxiliary functions (reverse radar, reserve camera, NAV, disc changer, etc.), you can use these functions 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 to understand operations of common functions quickly.

Product Functions

Built-in Functions:

Built-in RADIO, DVD player, TV (if the host unit has a built-in TV module) navigation, Bluetooth hand-free, display and high power amplifier. (external navigation box is optional).

Radio Receiving:

High sensitive AM/FM receiving, could restore 24 stations.

DVD Player:

It could play DVD/VCD/CD/MP3/WMA/JPEG/MPEG4 disc.

USB Port:

It support USB 1.1 and able to play MP3,WMA audio and skim picture.

Bluetooth Hand-free:

Supports Bluetooth hand-free communication
And Bluetooth play function.

SD Card Port

The host unit with built-in NAV module possess double SD card port, separately plays audio and video files as well as the stored navigation map data.

The host unit without built-in NAV module possess single SD card port, separately plays audio and video files function.

Display Screen:

Adopt 16:9 TFT high definition LCD.

Optional Function:

The 6 disc DVD changer and TV box of our company(one of two) ;

DVD Changer:

Support 6-dics DVD changer. It could play DVD/VCD/MP3/CD disc.

AV Function :

It support AV input of the external equipment.

iPod Play:

It supports music and video from iPod.

Navigation Function (Optional) :

An intelligent system capable of intellectually optimizing the best driving route according to the user's destination and guiding the driver smoothly to high-precision graphical display of both the road names of the whole and phonic playing of traffic identification and signs.

Navigation AV and Music Navigation:

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

Handwriting for Navigation:

During navigation state, you can enter character by handwriting through the touch screen, thus operating conveniently and quickly.

Car Backing Display (Optional) :

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

Car Backing Sensor(Optional) :

Connect with the car backing radar, the distance detected by sensor is displayed on the TFT high definition LCD, so we can view car-backing status more directly.

Tyre Pressure Monitoring System (Optional)

With tyre pressure monitoring function.

Steering Remote Control Function(Optional) :

You can control the host unit through the steering wheel of the original car.

The following is the other function:

Double Zone Functions:

Separately controls double zone play function operations for satisfying various requirements.

Touch Screen :

It is convenient to operate the host unit.

Mobile GUI:

Complete graphic operation interface, more visual and humanized.

Menu Display :

All operations can display on the screen.

Black Screen :

The function is specially set up for prevent intensive light glaring and hindering of normal driving at night.

Light-sensitive Function:

When the light-sensitive function is activated, the system will automatically adjust the screen brightness according to the ambient brightness.

Audio Output Port:

It has 4 channel and 5.1 channel audio output ports, compatible with the outside amplifier.

EQ Modes:

Standard, Custom, Pop, Rock, Classic, and Jazz.

Tone Modes:

Features Treble, Mid and Bass adjustments.

Spectrum Display Modes:

6 spectrum modes are available.

Display System:

Auto PAL 、 NTSC and SECAM, wide application range, highly compatible.

Auto Memory:

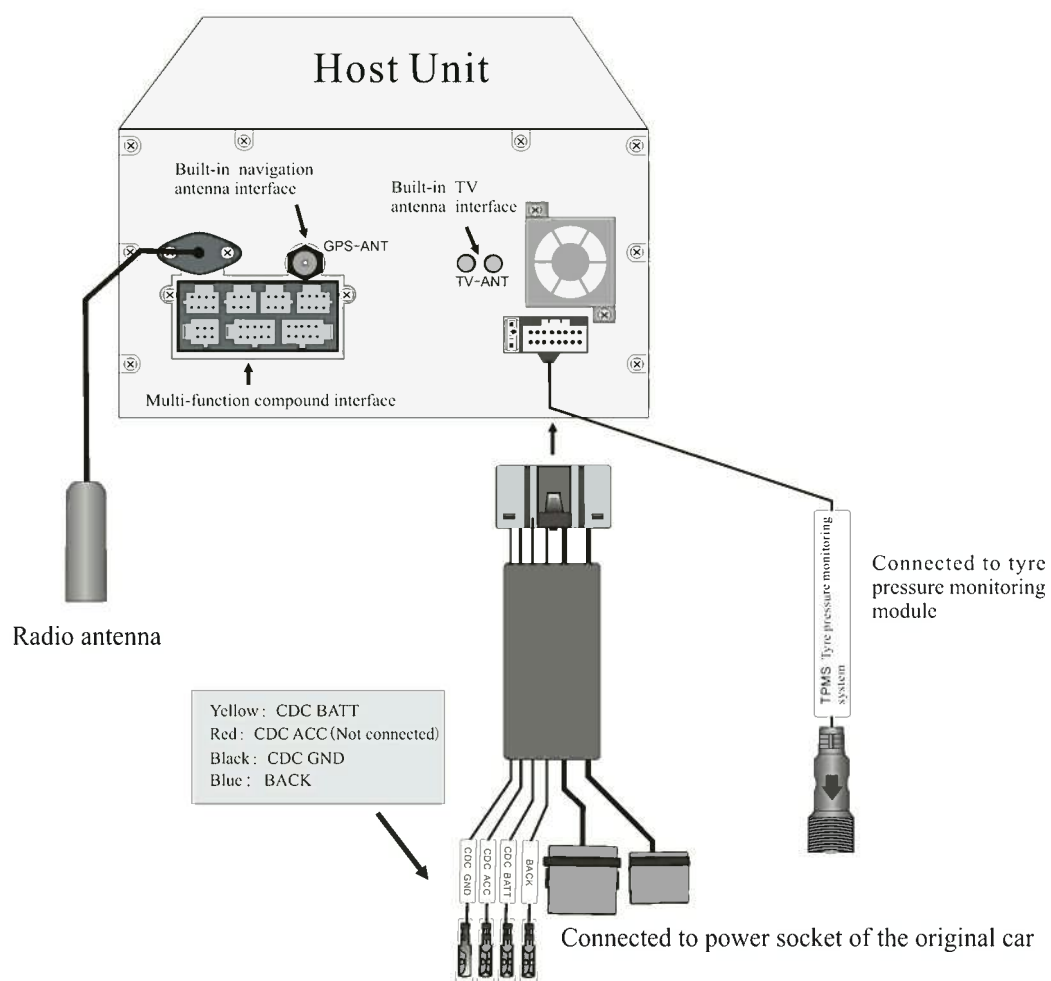
All the set parameters can be memorized and restored automatically.

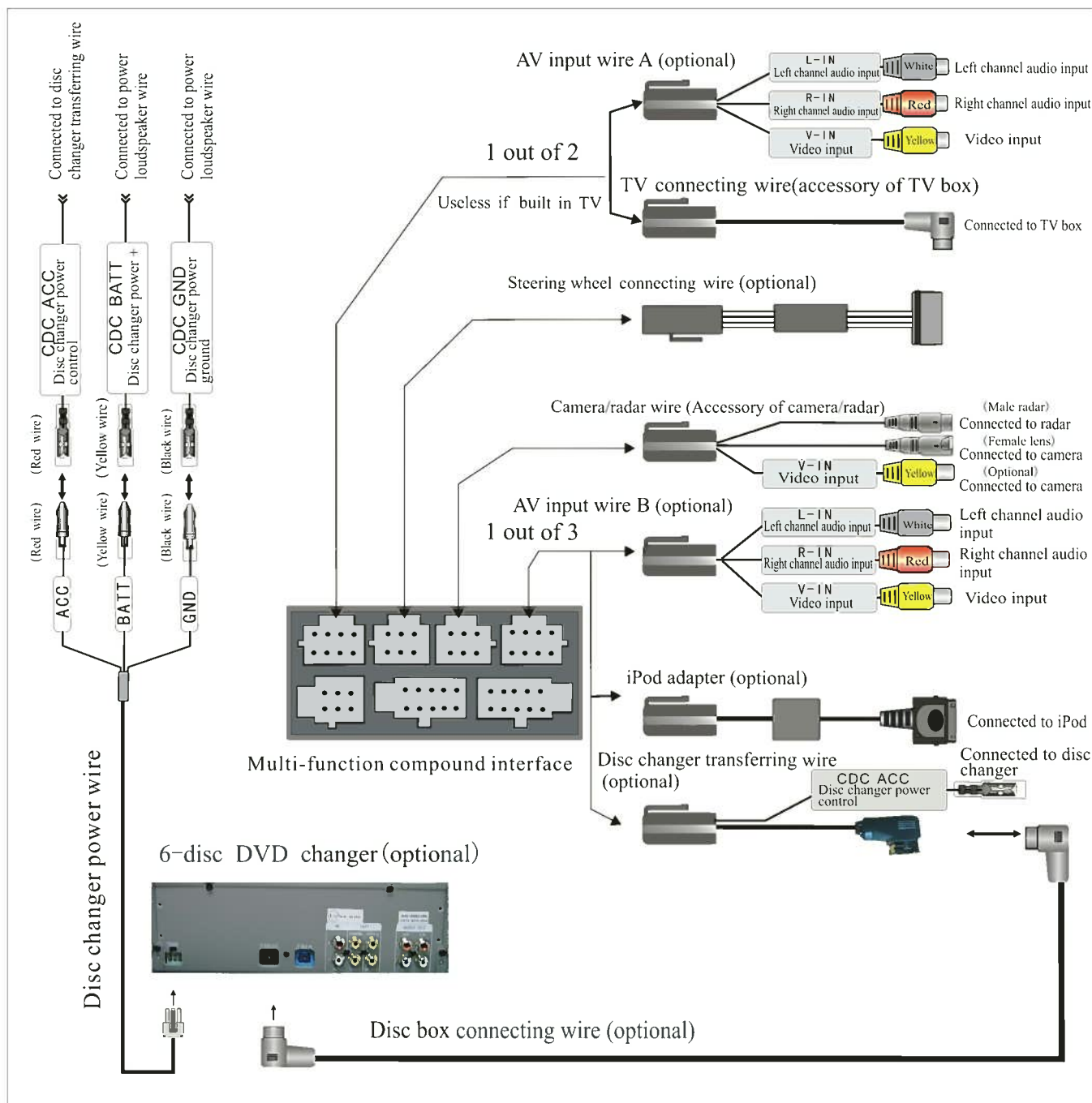
BBE Sound Effect

With BBE sound effect processing function.

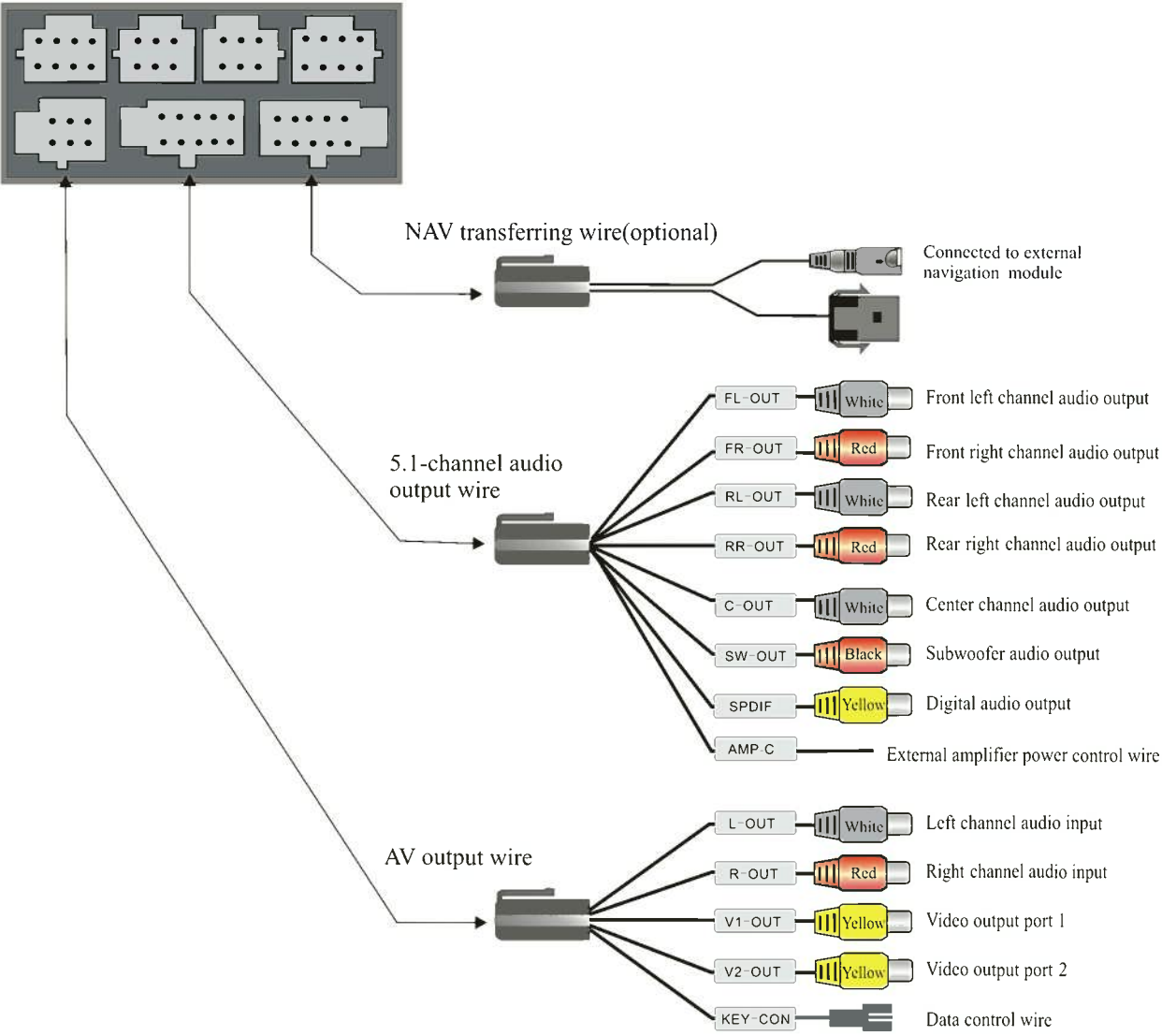
Connection Diagram

- To make the system functions the most perfect, please be strict to connect the wires 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.





Multi-function compound interface

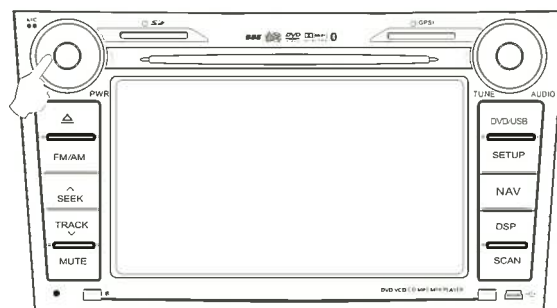


Turn on/off

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

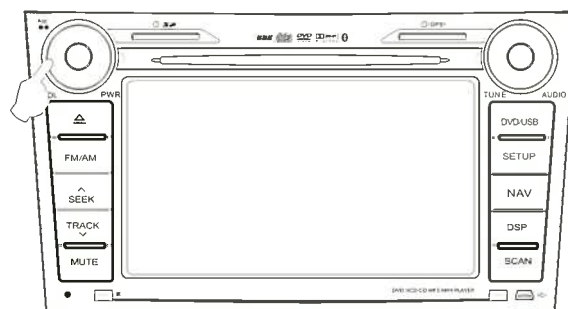
When the system is in standby state, vertically press the left knob on the panel to turn on the system.

When the system is on, vertically press the left knob on the panel to enter standby state.



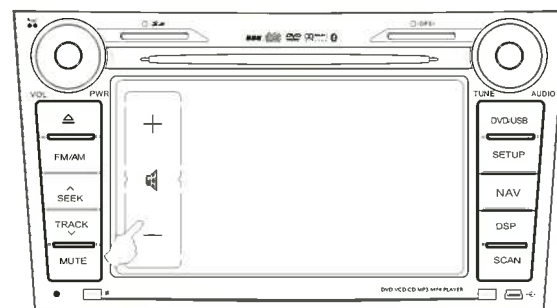
Volume Adjustment

Press “Left ” knob on the panel to adjust the volume;

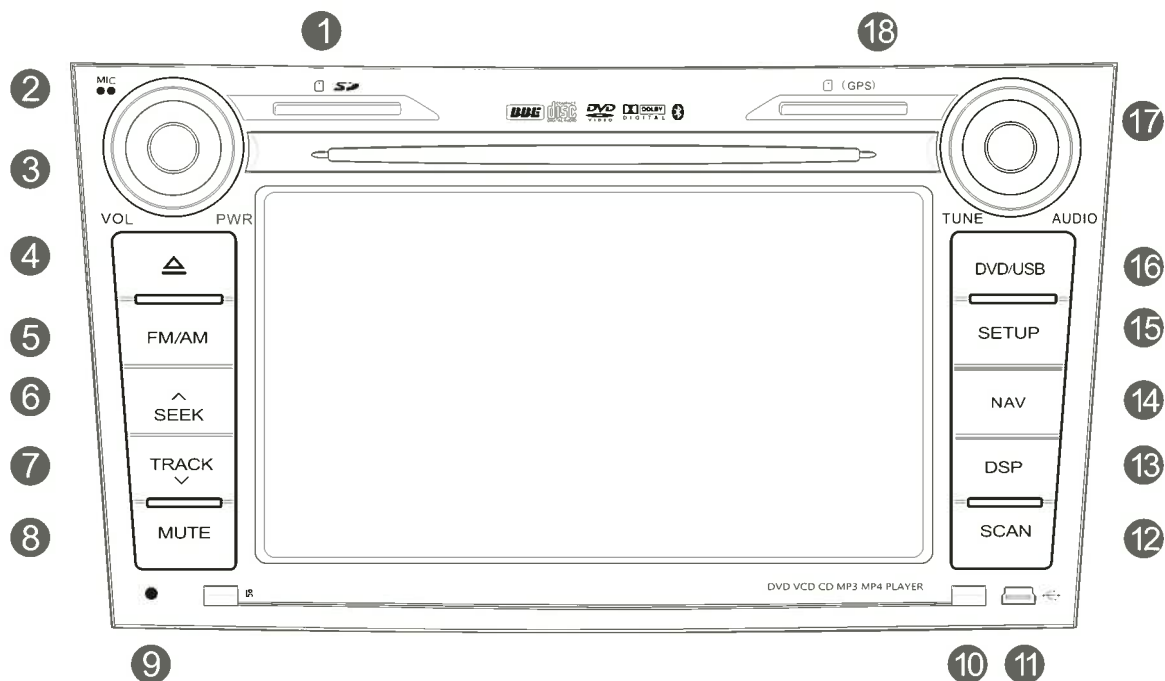


Click the left part of the screen, and icons as the right figure shows will appear.

Click “+” or “-” icon to adjust the volume;



Descriptions of Buttons



1 The port that used for connecting SD card with host unit. (For playing a multi-media)

2 This is the window used for communication
With others when using the bluetooth handfree function.

3 Turn the knob to adjust the volume.

When it is on, Press the button once to enter night mode, press the button twice to enter black screen mode; press this button for a long time to enter standby state;
When it is in standby state, press this button to turn on the system;

4 At DVD status, press it to take out the disc.
At other status, press it to enter to the DVD status;

5 At other mode, press it to switch to radio mode.

When it is in radio state, press the button to switch band among FM1/FM2/FM3/AM in turn.

6 7 When it is in radio state, press this button to manual tune to low-/high-frequency band;

When it is in DVD or disc changer status, press the button to select the next/previous song or chapter.

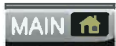
8 Turn on/off volume.

- 9 Insert this hole and press the button inside the hole, and the system will be reset to the factory settings.
- 10 When the light-sensitive was setup, the system will adjust the screen luminance automatically by sensing the luminance of outside light through this window.
- 11 Connect to portable hard disc.
- 12 At radio status, press it to browse and search the radio station.
At browsing status, press it again to return to current station playing.
- 13 Press this button repeatedly to switch the EQ modes;
- 14 Enter /exit navigation mode.
- 15 Press it to enter the setup menu.
Press it for a long time to enter touch screen calibration.
- 16 Press it to switch the DVD mode.
When it is in DVD status, press it repeatedly to switch the mode among USB /SD/DVD mode in turn.
- 17 Press it vertically to select tone. And then turn it to adjust it.

When it is in radio status, turn the knob to fine tune the station;
- 18 The port that used for connecting SD card with host unit. (For storing map data)

(The host unit without navigation module, hasn't this port.)
-

Main Menu

Click  to enter main menu

As the figure shows, main menu includes TV, bluetooth, iPod, Radio, disc changer, DVD, AV, Navigation and Setup function modules, through which corresponding function operation can be enter directly.

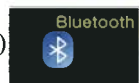


For detailed information of these functions, please refer to “User's Manual”.

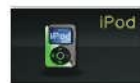


(Digital TV box is optional)

TV interface

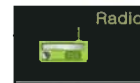


Bluetooth
hand-free interface



(Optional)

Ipod interface



Radio interface

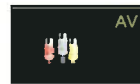


(Optional)

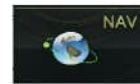
Disc changer
play interface



DVD play
interface



AV interface



NAV interface
(External navigation
box is optional).



Setup interface

Product Specifications

System Parameters

Working voltage	DC 11V-14V
Working current	MAX 15 A
Standby current	<3mA
Working temperature	-20℃ - 60 ℃
Storage temperature	-30℃ - 80 ℃
Video system	Auto PAL/NTSC/SECAM
Screen dimensions	154.08mm(W) × 86.58mm(H)
Weight	2.7Kg

Radio Parameters

Range of frequency	FM: 87.50MHz-108.00MHz AM: 522KHz - 1620KHz
Display mode	TFT panel display or OSD
Memory capacity	18 FM stations;6 AM stations
Search mode	Automatic/manual

DVD Parameters

Video output	$1 \pm 0.2V_{p-p}$ (75 Ω)
Disc format	Diameter 12cm
Disc compatible	DVD/VCD/CD/MP3/WMA /JPEG/MPEG4

Audio Parameters

Channel imbalance	$\leq 2dB$
Separation	$\geq 45dB$
Frequency response	20Hz~20KHz($\pm 3dB$)

Tone control	Bass	100Hz $\pm 8dB$
	Mid	1KHz $\pm 8dB$
	Treble	10KHz $\pm 8dB$

Amplifier Parameters

Test voltage	13.8V
Max output power	4 × 45W
Speaker resistance	4 Ω (4—8 Ω could be accepted)

Packing List Without Bulit-in NAV Module

Standard Accessories	
Model	Qty.
Power loudspeaker wire	1pcs
5.1 AV output wire	1pcs
AV output wire	1pcs
USB transferring wire	1pcs
User's manual	1copy
Quick guide	1copy
Optional Accessories	
AV input wire A	1pcs
AV input wire B	1pcs
Steering wheel connecting wire	1pcs
iPod adapter	1pcs
External TV box	1set
6-disc DVD changer	1set
Tire pressure monitoring system	1set
External navigation box	1set
Remote control	1pcs

Packing List With Bulit-in NAV Module

Standard Accessories	
Model	Qty.
Power loudspeaker wire	1pcs
5.1 AV output wire	1pcs
AV output wire	1pcs
USB transferring wire	1pcs
User's manual	1copy
Quick guide	1copy
NAV receiving antenna	1pcs
Writing pen	1pcs
Optional Accessories	
AV input wire A	1pcs
AV input wire B	1pcs
Steering wheel connecting wire	1pcs
iPod adapter	1pcs
External TV box	1set
6-disc DVD changer	1set
Tire pressure monitoring system	1set
NAV map card	1pcs
Remote control	1pcs

FCC ID: TI7ROSENFCC01

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 to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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 complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.