
Toyota corolla Car Audio and Video Entertainment System

M 1.0

User's Manual



Precaution

Safety Precaution

To ensure the traffic safety and avoid contravening the traffic regulations, please obey the local laws while the Bluetooth or any other options are working. And do not watch any programs or operate the system during driving.

For safety and correct operation of the product, the product should be installed by professional. Do not disassemble or repair the product by yourself to avoid any 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.

This system as well car backing camera and tire pressure monitoring system work simply as an assistant tool while in driving. Our company is not responsible for any potential accidents cause by careless driving.

Notes

Please don't insert the coins or some metal things.

Please don't let the display screen incur the pollution like dampness,dust,stream, lampblack, etc.

Please don't use thinner or other chemical to wipe the surface of display screen. The dirt should be wiped off by soft cloth.

This product is design for cars equipped with 12V negative grounded battery.

DO NOT plugging and unplugging the map car and connect a wire or accessory during star-up to avoid damage to the main machine or accessory while plugging and unplugging.

Please don't expose a disc to sharp object, or the disc may be scratched. Disc is supposed to taken out when it's out of use.

Disc cleaning: Rub the disc surface with soft damp cloth. If the disc is quit dirty. Use soft damp cloth with alcohol to rub gently.

Please don't use dissolvent such as gasoline, dilution or common disc cleanser, since they may damage discs.

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

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. Due to continuously upgrading of our product, operation will depend on actual situation. And our company reserves the right to upgrade our product.



Remark: The above symbol indicates that this product hasn't any harmful material or elements, it is environmental and recyclable, and should not 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.

Product Function

Radio Function:

Automatic seeking and radio station presetting are both available. 30 radio stations can be stored. Frequency inputting function and traffic information can be received in the area of RDS.

DVD Disc Playing Function(Parts of the models are not supported):

Pure touch operation,DVD setup,discs in the format of DVD/VCD/CD/MP3/JPEG/MPEG4 can be played. Note: Parts of the formats may not be supported. Please forgive us for this.

SD/TF Card Playing (Parts of the models are not supported):

Media files format of MP3/MP4/MPG/AVI are supported to play. Note: Parts of the formats may not be supported. Please forgive us for this.

USB Function:

Version 2.0 USB is available support play media files formats like MP3/MP4/MPG/AVI. Note: Parts of the formats may not be supported. Please forgive us for this.

Bluetooth Function(cellphone supports):

The system provides phonebook, hands-free phones and A2DP Bluetooth music playing. Note: As the Bluetooth modules and software of cell-phones with different brands are different, some functions may be not compatible with each other system.

TV Function (Optional):

Supply analog/digital television. System can automatically search and save channels.

iPod Function (Optional):

Support iPod audio files playing. Most of the Apple devices such as iPod nano, iPod touch, iPhone 3G/3GS/4/4S/iPhone5/5S/iPad. Note:This function will valid for parts of the system if it is connected with Iphone ipad Cable. Support iPod video files playing. Most of the Apple devices such as iPod nano, iPod touch, iPad, iPhone 3G/3GS/4/4S. (Users are suppose to have iphone ipad Cable on your own) Note: Since the continuous upgrading of IOS version, this kind of function may be invalid in actual use. iPod and iPhone are the registered trademarks of Apple Inc.

AV IN Function:

Support external audio/video input.

External RGB Input Function (Optional) :

By switching to HDMI/MHL, connection will be achieved.

Rear Function (Optional) :

Switch to radar detection. If the car is getting closer while backing, the sensor will give warning and the distance will be prompted on the screen. Note: Distance on the screen maybe slightly different from actual.

Camera Function (Optional) :

Connect to camera, reserving information will be display.

Analog CDC Function (Optional):

Tracks in CD can be copied and saved in analog CDC. Then it can play the tracks. Note: Other types of discs cannot be saved.

Navigation Function:

Navigation, NAV music, NAV Audio-visual. Note: If users want to exit from NAV state, they should enter NAV setup interface to choose logout or shut down.

Background Feature Function:

After switching to backstage equipment, users can watch DVD/TV/AV/other programmers by connecting to plugs on the back row. It will not affect any other functions.

TPMS Function (Optional):

Set the corresponding upper limited and floor limited pressure and temperature value range. When pressure and temperature value is over the limit, there will be alarming prompt.

IE Browsing Function(Optional):

Users can brow the Web and surf online. Note: Need external 3G/Wifi modem, parts of 3G/Wifi modem are incompatible.

Menu Setup:

Audio Setup: TRE/MID/BASS/CEN/SUB/BBE (BBE Parts of the models are not supported)

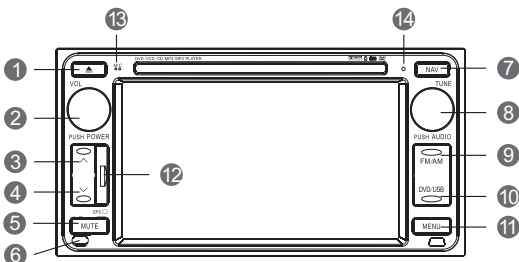
Video Setup: Saturation/Brightness/Contrast.

Language Setup: English/Spanish/Portuguese/Russian/Turkish/others.

Other Setup: Time/Wifi/Operator/Navigation path/others.

Original Car Setup: Door lock/light control/shortcut/environment/default (parts of the systems has this kind of function.)

Touch Button Definition

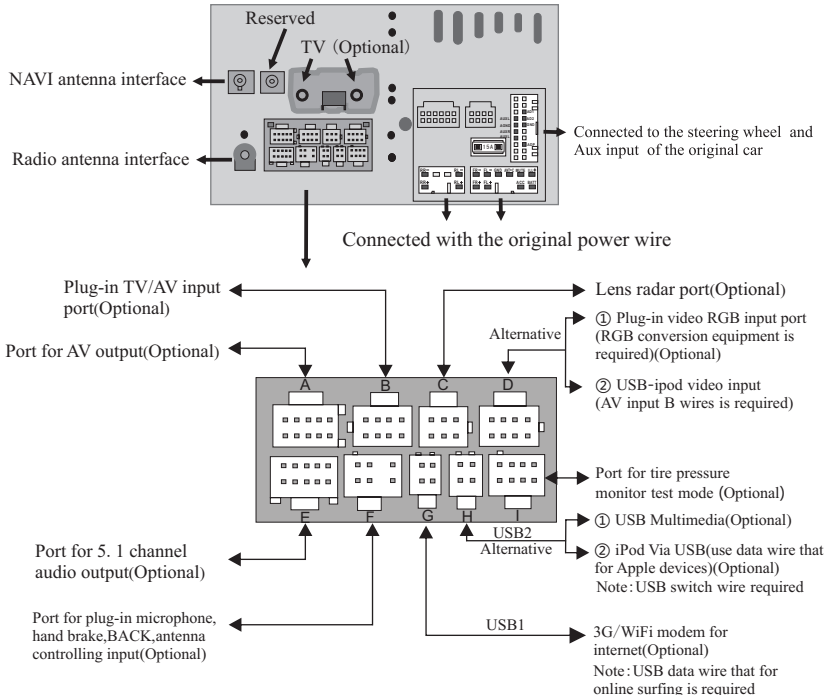


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- ① DVD disc in/out state key.
 - ② Startup state, turn left can enter into night mode/black screen state/day mode; long press to standby and press again to boot. Turn left and right can adjust the volume.
 - ③ ④ In radio state, short press for previous/next station, long press for searching high/low frequency; In TV state, press it for previous/next channel; In DVD/iPod state, press it for previous/next track/chapter.
 - ⑤ Turn on/off volume; long press to enter radar state (Parts of the modes are supports).
 - ⑥ Remote control window.
 - ⑦ Short press for enter or exit navigation state, long press to enter touch screen calibration status. (Parts of the modes are supports).
 - ⑧ Enter audio state; for radio or TV state, turn left and right to select station or channel; for DVD or iPod state, turn left and right to select tracks.
 - ⑨ Radio playing function, can switch between FM and AM.
 - ⑩ Enter DVD state,cycle selection DVD/SD/USB playing function.
 - ⑪ Enter main menu.
 - ⑫ TF card is for reading map.
 - ⑬ A button for Bluetooth Handsfree communication.
 - ⑭ Button for default state.
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Note:If the location of the keys and screen printing are different with the object, please make the object as the standard.

System Installation

- For optimal application performance, please install the system according to official electrical connection diagrams.
- Audio/video plug must be protected by insulating cover when it is not used, otherwise it will disturb by short-circus.
- Installation position for NAVI antenna in the car (Please choose the best position according to different types of cars):
 (1) In the middle of dashboard
 (2) ON The Inner rearview mirror
 (3) ON the top left/right corner of the dashboard.
- The NAVI antenna's module should be installed with the black side upwards.
- Please don't put the NAVI antenna on the top of the device or under metal objects, otherwise the signal will be affected.
- NAVI antenna should be installed outside for those cars with metal films.
- While in navigation state, please avoid certain areas such as bridges, tunnels and tall buildings for effecting signal effect.
- The navigation system is constantly receiving the signal from 8 satellites. In general circumstances, the navigation system only requires signal from 3-4 satellites to achieve precise location information.



Trouble Shooting

Problem	Possible Cause	Remedy
No display of LCD	Main machine control system communication failed	Press Reset key of the main machine and restart
	Too low storage battery voltage.System's automatic protection activated	Charge the storage battery to 12V
	Mis-set as black screen state	Touch the screen to restore the display
No sound played	System in mute state	Press mute key exit from mute state
	Loose sound cabinet wire	Reconnect properly
	Damaged sound cabinet	Replace with a new sound cabinet
No image played	Wrong disk position, Dirty or damaged disk	Surface with label upwards on the tray or Try another disk
	Wrong use of AV input port	Please refer to AV function operation for selecting ports
Occasional sound skipping	Dirty or damaged disk	Clean disc or try another disc
Disabled Bluetooth handsfree function	Wrong matching with the main machine	Rematch
Bluetooth matching failed or unable to match	Compatible problem exists between some models of cell phone Bluetooth and the product.	Replug the car key to start up and match or use another bluetooth cellphone
Touch failed/too slow action	Touch coordinate offset	Recalibrate the touch coordinate
	Main machine control system communication error	Press the Reset key to restart or restart the machine
Car reversing failed	Wrong or bad reversing wire connection	Reconnect
	Wrong or bad camera and radar connection	Reconnection
	Reversing setting isn't set as "On"	Access system settings,and set the reversing as "On"
Key backlight can't be lit or normally lit	The "Small lamp control" setting in factory mode is not corresponding with the small lamp control wire connection state or small lamp power supply.	Reset the small lamp control form
Disabled steering wheel control	Wrong connection between steering wheel wire and steering wheel control wire of the main machine	Reconnection
	Failed connection between steering wheel and main machine	Redo steering wheel training
	The way of steering wheel control cannot compatible with our host.	Please contact with our company after-sales professional service for technical support
GPS is invalid	GPS wire is not connected	Connection with GPS
	The area has no signal	Drive for a certain distance otherwise, ask after-sale service for help
Cannot provide precise location or the navigation function is valid	GPS blind zone	Ask after-sale service for help and upgrade system

**If you can not solve the problem effectively,
please contact with our company or professional service center.**

Product Specification

System parameter

Operating voltage: DC12V (11V~15V allowable)

Maximum Current Consumption: 15A

Standby current: <6mA

Operating temperature range: -20℃~+60℃

Storage temperature range: -30℃~+80℃

Video form: Auto PLA/NTSC/SECAM

Weight: 2.5kg

Dimension: 206(W)×136(H)×188(D)mm

Radio parameter

FM BAND: 87.5MHz~108.0MHz

AM BAND: 522 MHz~1620MHz

※ This parameter is different according to different areas.

S/N ratio(dB): 70dB(MONO)

Stereo separation: 30 dB (98.1MHz)

Amplifier parameter

Test voltage: 13.8V

Maximum non distortion output power: 4×10W

Speaker impedance: 4Ω (4 - 8Ω)

DVD parameter

Video output amplitude: 1±0.2Vp-p (75Ω)

Disc specification: Disc in diameter of 12 cm

Compatible Disc mode: DVD/VCD/CD/MP3/JPEG/MPEG4

Audio parameter

S/N ratio: ≥70 dB (1KHz)

Separation: ≥55dB

Frequency response: 20Hz~20KHz(±3 dB)

Navigation parameter

Receive frequency: 1575.42MHz(C/Acode)

Tracking sensibility: ≤155 dBm

Accessories List

Standard Configurations		Optional Configurations			
Model	Number	Model	Number	Model	Number
USB1 switch wire	1pcs	AV input wire A	1pcs	Stylus	1pcs
NAV receiving antenna	1pcs	AV input wire B	1pcs	RGB Video switch box	1pcs
Manual	1 copy	Brake and back wire	1pcs	Len switch wire	1pcs
USB cable for internet	1pcs	5.1 Audio output wire	1pcs	Remote control	1pcs
	1pcs	AV output wire	1pcs	Tire pressure detection module	1set
		TV box	1set		1pcs