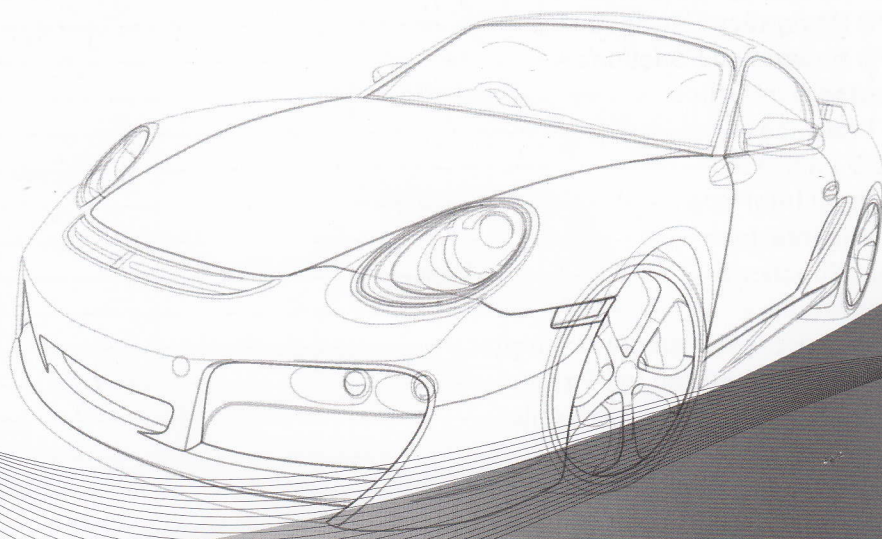


Car Multimedia System

DC Series Instruction Manual



Professional vehicle entertainment multimedia

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Safety Precautions

- For your own safety, do not watch TV or perform related operations while driving.
- This system just helps you reverse a car. We are not liable for any accident that occurs when you perform a reverse maneuver.

Thank you!

Thank you for buying and using our digital car video and audio products!

To correctly use the device, please read this manual carefully and keep it safe for future reference.

Warning






1. Do not expose the device to moisture to avoid fires or electric shock.
2. Close the device cover as the device comprises dangerous high-voltage fittings.
3. Understand that it may affect the use of the device if you change or modify it without permission of our company or another authorized organization.
4. Wipe any dust to keep the disc entrance clean. Use a clean soft cloth to wipe dust off the disc before loading it, otherwise dust is carried into the device, which can slow disc loading and ejecting or even cause the disc to jam. These problems are generally human errors and it is difficult to dismantle and clean the device without the help of a specialist.
5. Use the device with the radio at a medium volume level to protect or prolong the service life of the device.
6. Never dismantle the device or change any component without our approval as the device comprises high-precision components.
7. Do not touch the screen with hard objects to avoid scratching.

Note: The product is subject to continuous improvements or changes without further notice.

**Class-1
Laser Product**









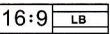


Disc Operation and Maintenance

☞ This device is only appropriate for the following discs:

Type	Mark	Content	Size
DVD		Audio and video	12cm
VCD		Audio and video	12cm
CD		Audio only	12cm
MP4		Audio and video	12cm
MP3		Audio only	12cm

* DVD Features

Different DVDs combine different features. These differences depend on the design coder and manufacturer. The following symbols indicate some DVD features.

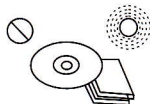
 PAL	Region code and video output format		Sound track quantity
	Dolby digital stereophonic system		Caption quantity
	Digital theater system		Closed caption
	5.1 sound track audio		Angle
	Video mode		Restricted
	Two-channel stereo		

Note: Certain functions of this device need to be supported by DVDs. If DVDs do not support these functions or a special setting is required, the functions may not be usable. Check these functions before playing DVDs or follow the tips displayed on the screen. If discs are polluted or damaged, sound skipping may occur. To optimize the sound effects, do the following:

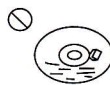
Hold the disc by its edge to keep it clean.



Never place the disc in direct sunlight or near heat sources such as the warm air pipes. Do not keep the disc in cars where the temperature is excessively high.



Avoid using discs with a label as viscose glue is left on the disc when the label is removed.



Use a soft cloth to clean the disc from the center to the edge.



Never use discs contaminated by viscose glue or ink.



Interface Operations

Main Interface (Smart Menu)




(1)

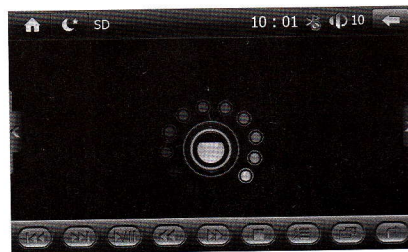




(2)

On the main interface, touch [▲] to display the sub-interface. The sub-interface (sub-menu) has ten function icons. You can move these icons to anywhere; to do so, touch the required icon for two seconds and then drag it.

Picture-in-Picture (PIP) Interface

Touch  on the media player interface to display the PIP interface. This interface houses the minimize, maximize and close buttons. After enabling PIP, touch the PIP interface frame and keep doing so to drag the screen. After maximizing the PIP interface, do not touch the icons on the top and bottom bars within a period to display a full screen. If you touch the full screen, these icons are displayed again.



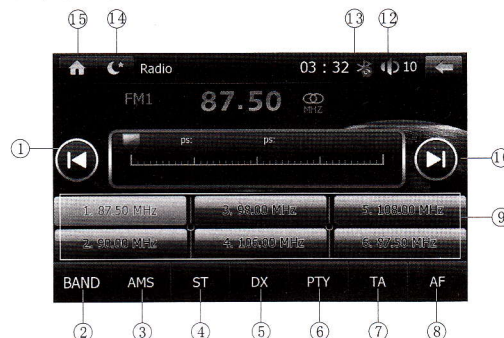
Touch  to display the PIP interface on the main page. Touch  on the main menu to access the entertainment functions while driving.



Radio Interface

A high-quality FM/AM tuner is set in the device to support auto-search and the storage of FM/AM channels, frequency display, and frequency trim.

The following figure shows the FM channel control interface:






- 1/10. Touch the key for a short time to gradually tune to previous channels or for a long time to semi-automatically search previous channels.
Touch the key for a short time to tune to next channels or for a long time to semi-automatically search next channels.
2. Touch the key to change bands among FM1, FM2, FM3, AM1 and Am2.
3. Touch the key for a short time to view pre-stored channels. Touch the key for a longer time to automatically search channels and store channels (with strong signals) in the pre-storage pane.
4. For FM, touch the key to switch from ST to MONO and vice versa (the default is MONO). AM does not have this function.
5. Local or remote selection 6. PTY: program type 7. TA: TA identification 8. AF: Alternative frequencies list
9. AF: Touch any channel No. in the pre-storage pane to play the channel. Touch a channel No. in this pane for a longer time to store the current channel. Note: Press or hold figure keys 1 to 6 to implement this function.
12. Touch the key to increase or decrease the volume or switch to mute mode.
13. The key displays Bluetooth connection status.
14. Touch the key. The screen will become black, but the system can still operate. Touch anywhere on the screen to return to the previous screen.
15. Touch the key to return to the main interface.

Multi-media Player Interface



I. This product supports the following:

1. Audio and video formats, such as DVD, VCD, SVCD, CD, MP3, WMA, MP4, and AVI
2. USB media, SD or MMC card
3. Image (such as JPEG and BMP) browsing
4. Folder or directory browsing
5. ESP for various discs




II. Warning: Correctly use the system to ensure its long service life. For example, play legal discs and keep discs clean.

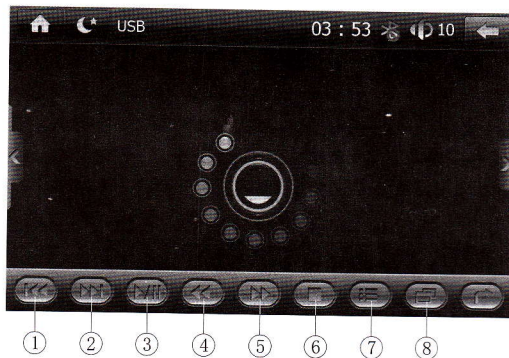
1. After a disc is correctly inserted, the disc automatically loads.
2. If a disc is loaded, touch MODE or touch  , to play the DVD. If the disc jams or does not load, touch  until the disc ejects and the loader is reset.
3. When you play a disc, touch  to return to the main interface.

III. Insert a USB device or SD card to display the player interface.

1. If you have already inserted the USB device or SD card, touch  (USB) or  (SD), or press MODE to display the corresponding interface.

IV. Functions

1. As shown in the following figure, keys 1 to 16 are function keys. Touch  to display function keys on the second page and touch  to return to the first page. Touch  to hide the bottom button bar.
2. In player mode, the screen maximizes when the top and bottom bars are not displayed if you do not touch the screen for a certain amount of time. The top and bottom bars are displayed if you touch the screen.



- 1/2. NEXT/PREV: Touch these buttons to select the previous or next sound track in the DVD, VCD, audio or video mode.
3. PLAY/PAUSE: You can touch this button in the DVD, VCD, audio, or video mode.
- 4/5. REW/FF 6. STOP: Touch this button to switch audio, video and picture.
7. MENU 8. PIP: Touch this button to enable PIP in the DVD, VCD, audio, or video mode.
9. RPT: Touch this button to enable the loop state in the DVD, VCD, audio or video mode.
10. Shuffle: Touch this button to enable the shuffle state in the DVD, VCD, audio, or video mode.
11. Sound Track: Touch this button to select a sound track in the MP3, CD, VCD, audio or video mode.
12. Information: Touch this button to enable information OSD in the DVD, VCD, audio, or video mode.
13. Subtitle: Touch this button to select a subtitle in the DVD, VCD, audio or video mode (if the disc supports this function).
14. Language: Touch this button to select a language in the DVD, VCD, audio or video mode (if the disc supports this function).
15. Figure: Touch this button to select sound tracks through figures in the DVD, VCD, audio or video mode.
16. Arrow button: Touch this button to move the cursor in all directions in the zoom state under the DVD, VCD, audio, or video mode.

In the DVD mode, press ZOOM on the remote controller to zoom the picture by 1/4, 1/3, or 1/2.

GPS Navigation Interface

Precautions and Safety Warning

1. Use GPS carefully. This system just provides navigation reference for you. Never use this system for precise measurement of position, distance, location, terrain and others.
2. When you use GPS for the first time, park your car at one open space without a shelter. Positioning requires at least two minutes based on the environment and strength of satellite signals.
3. For your safety, set up the route before you set off. Never operate this system while you are driving. We are not liable for any traffic accident that occurs when you operate this system rather than pay attention to the road condition while driving.
4. This system cannot provide correct positioning and navigation if satellite signals are interfered by tunnel, building, subway, forest, weather, tall obstacle or mobile phone base station. The system resumes normal positioning and navigation after you move away from these sources.
5. Note that satellite signals may be interfered by any wireless communications product (such as a cell phone or speed alarm) and become unstable.
6. Road planning is for reference only. Road properties, such as one-way road and no left turn, may be adjusted by the local traffic department based on transportation circumstance, road construction, governmental or commercial activities. Therefore, you must obey current traffic rules relating to road conditions and signs. If the current road conditions are different from the map, choose an appropriate route.

GPS Navigation Functions

This system provides a navigation map (note: this map applies to certain models).

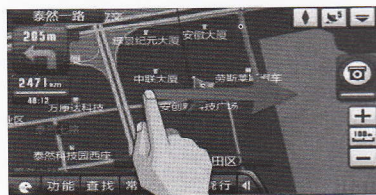
- (A) The GPS navigation system provides proportional real-time crossing data to display the actual crossing, so you do not have to worry about driving at a complex crossing.



(B) The real-time map covers all major cities in China.



(C) Hand operation: Clear and correct voice navigation provides timely instructions and chooses the most appropriate road for you. Although road conditions are complex, the car multi-media navigation system and the precise GPS navigation map provide efficient traffic information, so you are free to drive to the next destination!



For details, touch Help on the GPS page.

Bluetooth Interface



Bluetooth communications, ready to use and safe, enables synchronization between the cell phone and the audio device, so you never miss a call while driving.

I. Bluetooth match condition

If the cell phone supports Bluetooth connection, the cell phone can be connected to the device for data exchange synchronization.

II. Matching the cell phone Bluetooth and the device Bluetooth

Touch Bluetooth Call on the main interface to display the Bluetooth interface.

1. Touch [], (Match) on the Bluetooth interface to display a related interface. On this interface, touch Match, as shown in Figure 4. Now, the system displays a message: "Matching".
2. Set your cell phone mode to Bluetooth and start this mode. Use your cell phone to search devices and enter the initial password (0000) to connect the cell phone to the device.
3. If the cell phone and the device are matched, the cell phone displays a message: "Do you want to connect to the device?" Select Yes. The cell phone is automatically connected to the Bluetooth device in about 10 seconds. At this time, the screen displays a message: "Connected".
4. The cell phone is successfully connected to the Bluetooth device.
5. Touch [] at the upper right to return to the Bluetooth interface.

III. Touch operations on the Bluetooth call interface





1. Touch [] to display the interface for dialing a Bluetooth number, as shown in Figure 1:
2. Touch [] to display the Bluetooth call history interface, as shown in Figure 2:
3. Touch [] to display the Bluetooth setting interface, as shown in Figure 3:
4. Touch [] to display the Bluetooth call matching interface, as shown in Figure 4:





Figure 1

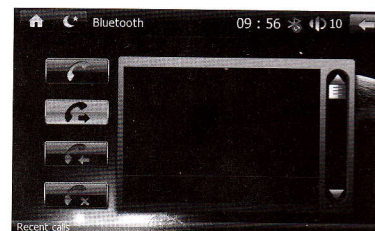


Figure 2

- ①. Audio transfer: Touch this button to transfer audio signals between the device and cell phone.
- ②. Redial: Touch this button to redial the last number.
- ③. Hang up: Touch this button to hand up the current call or reject an incoming call.
- ④. Answer/dial: After entering the number, touch this button to call the number. In the case of an incoming call, touch this button to answer the call.
- ⑤. Delete: Touch this button to delete an incorrect number.

As shown in Figure 2: the call history interface lists recent Received Calls, Missed Calls, and Dialed Calls.

Dial: Select any number in the call history and dial.

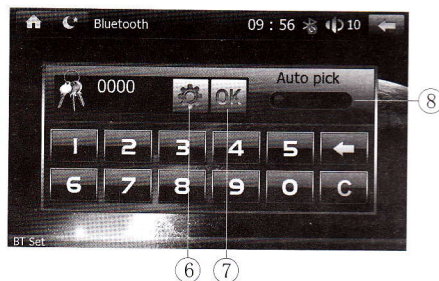


Figure 3

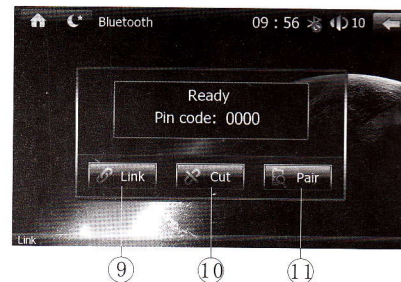


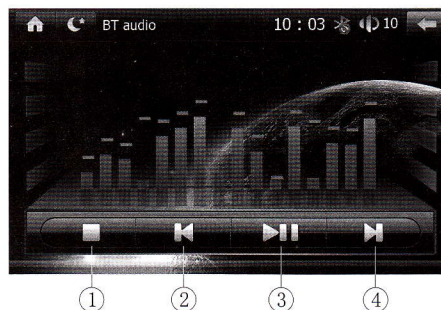
Figure 4

- ⑥. Set up: Touch this button to customize the Bluetooth password. Enter a four-digit number and then touch OK. (Note: The modified number replaces the initial Bluetooth password.)
- ⑦. OK: Enter the custom password and then touch this button to validate the setting.
- ⑧. Auto-answer: Touch the right end of this status bar to display a blue dot and enable the auto-answer function. Now, you can automatically answer a call. Touch the left end of the bar to disable this function.
- ⑨. Connect: After matching is complete, touch this button to connect the cell phone to the device.
- ⑩. Disconnect: Touch this button to disconnect the cell phone and device.
- ⑪. Match: If the device must be connected to the cell phone, touch this button to match them first.

IV. Touch operations on the Bluetooth music interface

Touch [] in the main menu to display the Bluetooth music interface.

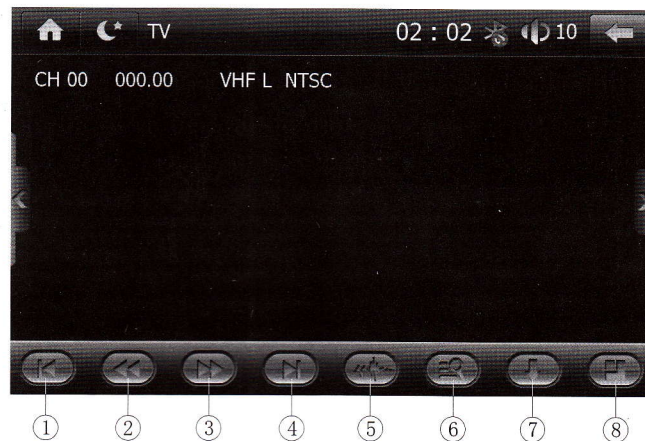
This function is available only when your cell phone is connected to the device through Bluetooth. When you play a sound track in your cell phone, the system displays the Bluetooth music interface, as shown in the following figure:



- ①. Stop: After you touch this button, the time on the player returns to 00:00.
- ②. PREV: Touch this button to select to play the previous sound track in the play mode.
- ③. Play/pause: In the pause mode, touch this button to play the music. In the play mode, touch this button to pause the music.
- ④. NEXT: Touch this button to select to play the next sound track in the play mode.

TV Interface

The system displays the analog TV interface.



- ①/④ The previous or next channel
- ②/③ Touch Button 2 for a short or long time to slightly tune to previous or next channels.
Touch Button 3 for a short time to slightly tune to next channels or for a long time to semi-automatically search next channels.
- ⑤ Touch this button to change the TV color format.
- ⑥ Touch this button to automatically search channels.
- ⑦ Touch this button to change the TV audio format.
- ⑧ Touch this button to enable PIP.

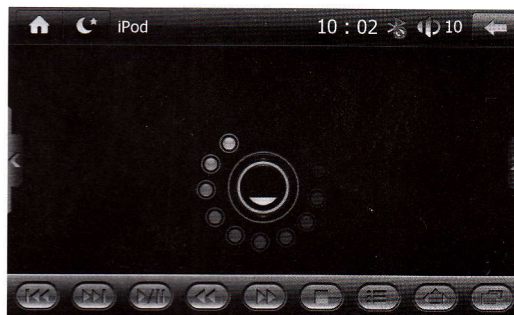
The system displays the digital TV interface.



Select Digital TV on the main page or press MODE on the control panel to display the digital TV interface. In the TV mode, touch Auto-search to automatically search channels in the whole TV channel range. The system automatically stores valid channels in the preset channel list in an ascending manner. Touch [▲] or [▼] to change preset channels, or touch [≡] to select your desired channel on the list interface.

Note: Either analog TV or digital TV is available. This depends on which type of device you buy.

IPOD Interface




iPod functions are imported to the AV entertainment navigation system, so you can enjoy the perfect iPod acoustic quality and management mode in your car. An iPod connection socket is provided at the rear of the device. You can connect iPod to the device through the socket and enable auto monitoring without modifying the device. With the touch screen and buttons on the steering wheel, the device can control all iPod functions, including play, pause, the previous sound track, the next sound track, playing sound tracks by style, singer and album. Therefore, you can enjoy AV entertainment anytime. In addition, the device screen displays all information in iPod, including titles, musicians, playing state and time of songs, for your convenience.

AV Input Interface




1. Connect the video input plug to the video input socket and the audio input plug to the audio input sockets LIN1 and RIN1. The device provides a group of video input terminals and a group of audio input terminals.
2. Touch AV Input on the main page to display the AV input interface.

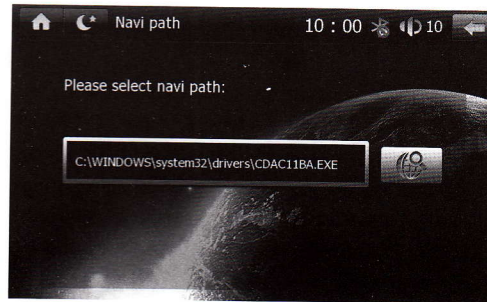
Setting Interface

Touch  to display the setting interface. You can perform all system settings on this interface, including navigation, backlight audio, system information, start logo, background and other function settings. The setting interface comprises three pages. You can turn pages upwards or downwards. (Note: You can ignore the Factory Mode setting that is intended for the manufacturer.)



1. GPS Navigation Path Selection:

Touch [] (Navigation Setting) to display the path selection interface. Touch [] and [] to select the related file. Touch OK. ★Note: You can enable navigation only by selecting the correct map path.



2. Backlight Setting:

This function prevents your view from being affected by too bright backlight when you drive at night. The default backlight value is 100%.



3. Audio Setting:

Audio setting covers high pitch, low pitch, the front, rear, left and right sound tracks, EQ (including standard, classical, pop, rock, hall, and movie) and others.



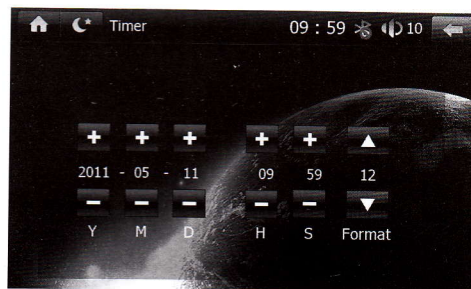
4. Language Setting:

Select your desired language from nine types of language. You can turn pages upwards or downwards.



5. Time Setting:

Time setting covers time and date setting in 12 hours or 24 hours. Touch the desired date or time, and then touch + or – to adjust the date or time. After the setting is complete, exit the interface to validate the setting.



6. Radio Region Setting:

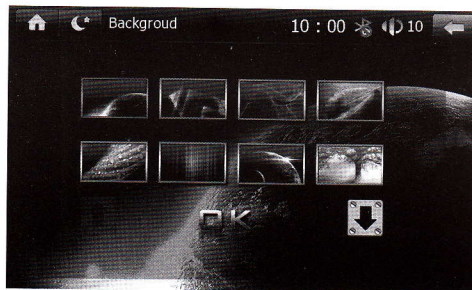
You can select the radio frequency at your region. After the selection, the radio automatically operates at the related frequency.

Note: RDS is unavailable in certain countries and regions.




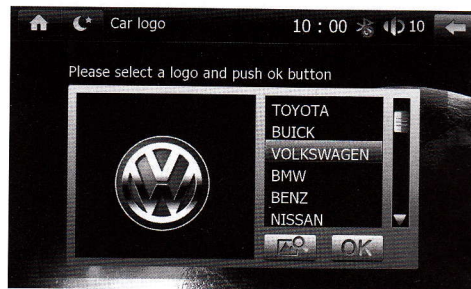
7. Background Setting

Select the background picture for the interface.



8. Start Logo Setting:

Select the start logo for your car to match the device with your car. You can also upgrade the logo to your favorite one. Select the logo as follows: Copy an picture using 800 x 480 BMP format and 16-bit color to the SD card. Insert the card in the GPS card guide. Touch  to search the correct file and then touch OK. If the logo is successfully upgraded, the system displays a message: "Upgrading the logo succeeded". If the logo is not upgraded, the system displays information about the logo format and resolution and a message: "Upgrading the logo failed".



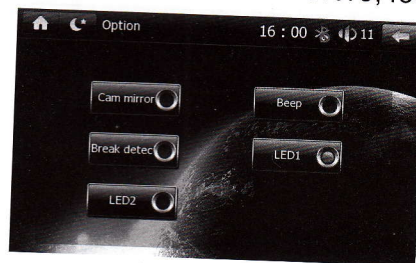
9. System Information:

This page displays product information, Touch Calibration and Reset. Touch Touch Calibration to display the calibration page. Method 1: Touch Calibrate Coordinate Center to start calibration. If calibration fails, the system displays the calibration page again. If calibration is complete, the system exits the page. Method 2: Continuously press [⊙], [ZOOM], [▲] and [▼] on the remote controller to display a + cursor. Touch this cursor for calibration and then exit the interface. Method 3: Press [▲] for about eight seconds on the panel to enable calibration.



10. System Setting:

Reversing Mirror Image: Touch to display images of the rearview mirror. Touch-tone: Touch to enable or disable the touch-tone. LED1/LED2: Touch to change LED to blue or orange. Brake Detection: If you do not touch this button, brake detection is disabled. In this case, you can watch videos while driving the car, but this is illegal in certain countries. Therefore, for your safety, touch this button to enable the function.



11. Steering Wheel:

Touch this button to customize functions of buttons on the steering wheel. After the setting, you can perform interactive operations on the steering wheel and the screen. Set the steering wheel as follows: Press one button on the steering wheel based on the tip ("please press xx button") displayed on the screen. Touch your desired function button on the screen based on the tip ("please select xx button"). Then, the system displays a message: "Setting succeeded". In the same way, customize functions of all buttons on the steering wheel.

Note: High Impedance and Low Impedance are provided for different car models. High Impedance is selected by default. Select appropriate impedance based on the pull-up resistance of buttons on the steering wheel.



12. Blank Screen:

Touch this button to set up auto blank time including blank in three minutes, five minutes, and ten minutes, and immediate blank. You can touch anywhere on the blank screen to cancel the setting and return to the bright screen.



Intelligent Functions

I. Visual Reversing System

A visual reversing system is equipped for this device on the precondition that video signals of the side mirror are correctly and reliably transmitted to the RCA (green) female of the car rear line CAM. This system provides auto detection. This function enables the system automatically start and switch to the reversing mode if video signals are input to CAM when the system is shut down (the car is started by the key and ACC operates properly), or return to the reversing mode if the system is in other modes. Then, the system displays pictures of the mirror on the screen to warrant reversing safety. Without a rearview mirror, the screen is blank.

Note: The reversing system is intended for aid and subjects to the actual environment.

II. Brake Detection

Connect the brake detection line of this device to the brake signal wire of the car. Start brake detection. You can only watch videos after you have parked or stopped the car. For your own safety, do not watch videos when you are driving. If the copilot wants to watch a video while you are driving, disable the brake detection in System Settings and follow local laws and regulations.

III. Headlight Detection

Connect the headlight detection line of this device to the headlight signal wire of the car. In night mode, the system automatically checks the headlight status. When detecting that the headlight is turned on, the system automatically decreases the back light to prevent your view from being affected by the too bright back light.

IV. TFT Off


To guarantee your safety when you drive at night, hold the TFT OFF key or knob. The system closes the screen, but maintains the previous audio mode. Touch the screen to exit the TFT OFF mode.

Note: You can also adjust backlight settings.

V. TEL Mute

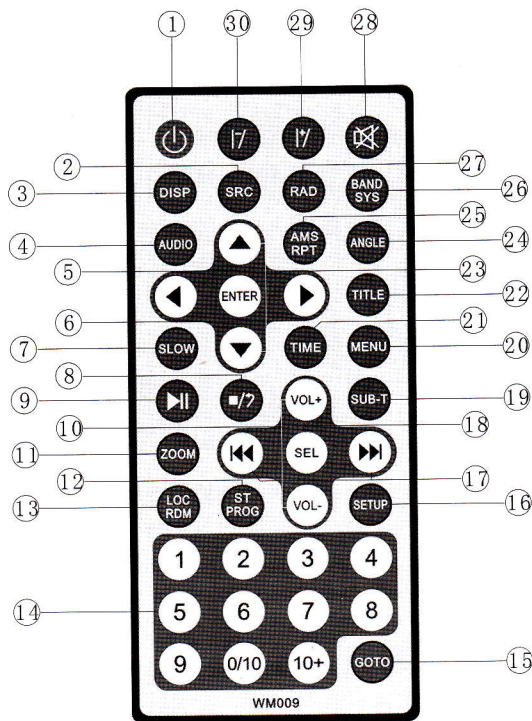
Connect the TEL mute line of this device to the car TEL signal wire to automatically mute an incoming call.

VI. Mute Function of GPS Navigation

Touch [ GPS] on the main page to mute the navigation prompt tone without impacting other AV sounds. Touch the button again to resume the navigation prompt tone.

Basic Operations

Functions of the Remote Controller

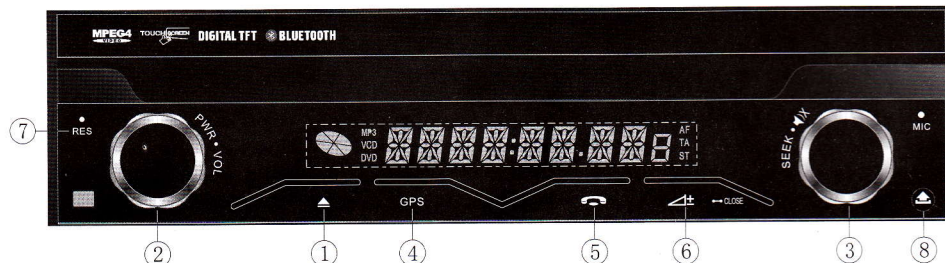


1. The power supply switch
2. Press this audio source key to return to the main interface and press it again to resume the previous mode.
3. Press the key to display the current displayer information when you play a DVD or use a USB device or an SD card.
4. Press AUDIO to select a language (in DVD mode) or change a sound track (in VCD mode) when you play a DVD, or use a USB device or an SD card
5. Press ENTER to confirm menu operations.
6. Press these keys to enable right or left selection when you use a USB device or SD card. These keys become right and left cursors when you set up a DVD.
7. Press SLOW to slow down the speed of a DVD, an SD card or a USB device.
8. Press the stop key once to stop playing a DVD, USB device or SD card. Press the play key to resume, and then press the stop key twice to stop the media.
9. Press the key to play or pause the DVD, USB device or SD card.

10. Press the key to increase or decrease the volume.
11. Press ZOOM to zoom in or out the picture.
12. Press ST to set up stereo or mono track in radio mode.
13. Press LOC to set up local or remote channel search in radio mode.
14. Figure keys 0 to 9
15. Press GOTO to select sound tracks in DVD mode.
16. Press SETUP to enable DVD system setup to play a disc or use an SD card or USB device.
17. Press these keys to automatically search for the next or previous channel in radio mode. Press these keys to select the next or previous sound track in the audio or video mode.
18. Press[SEL] key to enter into sound setting.
19. Press SUB-T to display the subtitle in the DVD mode (if the disc supports this function).
20. Press MENU to display the main menu in any mode.
21. Press TIME to display or hide the time in player mode.
22. Press PBC/TITLE to enable the PBC function in VCD mode or to display the title menu in DVD mode.
23. Press these keys to select the next or previous sound track on a USB device or an SD card.。
24. Press ANGLE to enable the angle function in DVD mode (if the disc supports this function).
25. Press this key to set RPT in the DVD mode (note: AVI or MP4 does not support this function). In radio mode, press this key to view channels and hold this key to automatically search stored channels.
26. Press this key to change bands among FM1, FM2, FM3, AM1 and AM2 in radio mode.
27. Press this key to switch other player modes to radio mode.
28. The mute switch
29. Press this key means pop-up screen and angle adjustment.
30. Press this key means to return the screen.

Functions of Keys on the Panel

1. [▲] Press this key to let disc out.
2. The composite key of left knob.
 - Clockwise rotation means volume+, Counterclockwise means volume-, short press means starting up, long press means power off..
 - In the boot state, short press means function switching.
3. The composite key of right knob.
 - When playing dick/USB/SD Card, if press such key means to return the previous song or next song.
 - TV status, means Next or Previous program.
 - Radio status, Short press means mute, long press means black screen. Short press the knob to make it backward rotation or frontward rotation a little, Long press the knob to make it backward rotation or half of frontward rotation. Supports automatic searching, when searched the station you wanted, long touching the position of prestoring program[1-6]to store.
4. [GPS] Press the key to enter into GPS navigation state.
5. [☎] Receiving call key
6. [▲] Scroll screen key: Power-on and short press to pop-up screen, then, short press the angle of adjustment screen, meanwhile, long press to return the screen.
7. [RES] Reset key: When the system is disordered or halted, to press the reset key, let the system return to Factory Settings.
8. [▲] Lock Key: When using SD Card, to press this key to insert into the card; Pressing the key to take out the panel which can be Anti-theft.

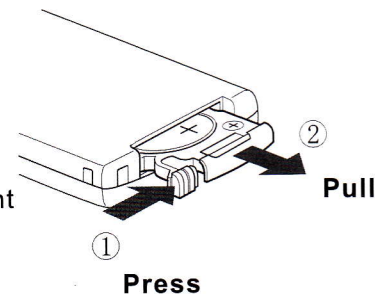


Instructions for the Remote Controller

Instructions for the Remote Controller

1. Precautions:

- ◆ Use a CR2025 lithium battery for the remote controller.
- ◆ The battery life is about one year. Replace the battery when the remote controller is faulty due to the battery.
- ◆ Do not place the remote controller in an excessively hot environment or under direct sunlight to ensure it continues working correctly.
- ◆ Correctly install the plus and minus sides.
- ◆ Do not pick up the battery with metal tweezers to avoid short circuiting.

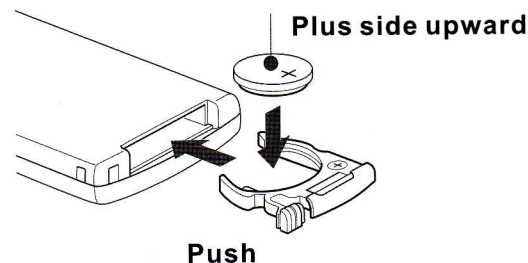


2. Removing the battery

Remove the battery from the back of the remote controller as shown in the figure:

3. Inserting the battery

Use a CR2025 lithium battery and correctly insert the plus and minus sides of the battery as shown in the following figure:



- #### 4. Remove the insulation film at the battery snap before using the remote controller for the first time.

Troubleshooting

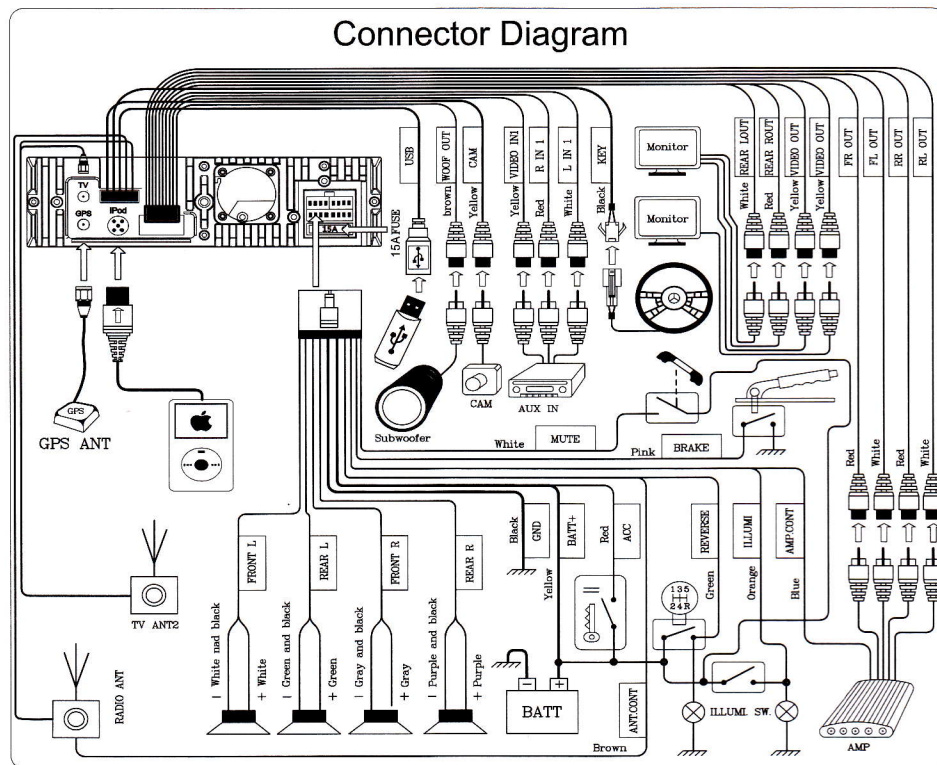
Failure	shooting	Solution
The device cannot be started.	The power supply fuse is burnt out.	Replace the burnt fuse with a fuse that is the same as the one in this device.
	The microprocessor is faulty.	Press the RESET button on the panel with the pen pointer to restart the device.
After the ignition is turned on or off, all settings are lost.	The ACC ignition cable and the plus BATT power cord are connected incorrectly.	Exchange and reconnect cables.
The remote controller has failed.	Low battery	Change the battery of the remote controller.
Bad radio effect	The antenna is not extended and grounded correctly.	Check whether the ANT control cable for the radio auto-antenna is connected properly and re-check whether the antenna and grounding wire are connected properly.
The disc cannot be loaded.	Another disc is loaded in the loader.	Take out the previous disc and load a new one.
The device cannot play the disc.	The disc is scratched.	Replace the previous disc with a good one.
	The disc is loaded with the mark face down.	Load the disc with the mark face up to the device.
	The laser lens is dirty.	Clean the laser lens with the cleaner.
Languages or subtitles cannot be changed.	The disc is recorded with only one language or subtitle.	You cannot change the language or subtitles of a disc if only one language or subtitle is available.
No video	The video cable between the device and TV is connected incorrectly.	Re-connect the connection cable.
Touch screen offset	The touch screen is calibrated incorrectly.	Calibrate the touch screen (see the description of touch screen calibration in the section "System Information" on Page 21).

Connector Diagram for the Complete Device

Precautions:

- ◆ This device can be used in cars with 12 V batteries and a minus earth. Equip a dropping device for this device if you install it in a van, a bus or a motor coach with 24 V batteries.
- ◆ Disconnect the wire at the minus side of the battery before installation to avoid short circuiting the electrical system.
- ◆ Arrange connection cables in places without moving parts. Isolate connection cables from moveable components such as the manual brake and gear stick. Do not arrange connection cables near heat sources such as warm air discharge outlets, otherwise the insulation layer of the connection cable may melt or be damaged by the heat, and the lead and the car may short circuit.
- ◆ Replace a broken fuse with the required 15 A fuse. Do not use a fuse with a high rated capacity or conduct direct connections without using the fuse to avoid fires or damages to the device.
- ◆ Do not lead the yellow power cord through the mounting hole to the battery in the engine cabin to avoid the power cord and car short circuiting due to a damaged power cord.
- ◆ Do not connect the power cord of other devices to this device to avoid overloading and overheating.
- ◆ Insulate or wrap the idle speaker lead with insulation paste to avoid short circuiting.
- ◆ Insulate all exposed wires. Bundle up all wires. Isolate the wiring terminal from metal on the device body to avoid short circuiting.
- ◆ If the car ignition system has no ACC, connect the ignition lead to the power supply that can be turned on or off with the ignition key.
- ◆ After the device is powered on, the external power amplifier outputs control signals through the AMP.CONT lead. If the device is connected to the external power amplifier, do not connect the AMP.CONT lead to the power supply side of the amplifier to avoid current leakage and other failures.
- ◆ The output terminal of the speaker cannot be grounded; otherwise the power amplifier burns out. Do not use a three-line speaker connected to the grounding wire. Do not connect the speaker to the car.
- ◆ The speaker must be high-power with a minimum rated power of 50 W and a resistance of 4 Ω . Several speakers cannot be directly connected unless the resistance is within the required range; otherwise the speakers may short circuit.

Connector Diagram for the Complete Device:



Packing List**Packing List:**

No	Name	Quantity	Remark
1	Remote controller	1	
2	Installation bracket and screw	1	(optional)
3	Power cord	1	
4	USB connection cable	1	
5	iPod connection cable	1	(optional)
6	Extension line for the steering wheel button	1	
7	Instructions	1	
8	Instructions	1	(optional)
9	AV cable assembly	1	
10	KEY, USB and CAM cable assembly	1	
11	GPS antenna	1	
12	TV switching cable	1	(optional)
13	RCA switching cable	1	(optional)