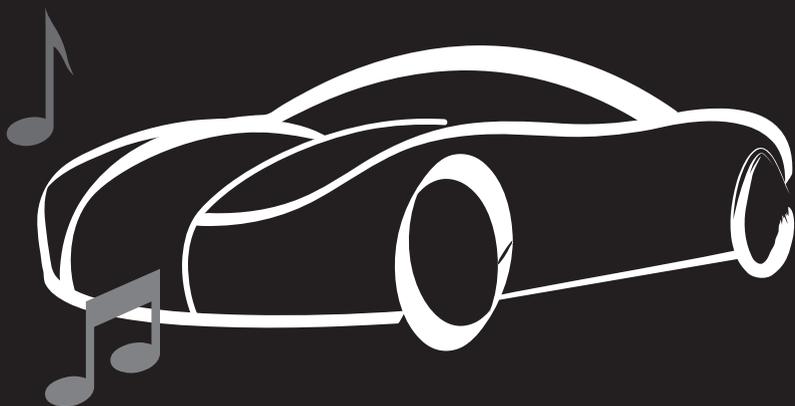


CAR AUDIO EXPERT

TOUCH SCREEN
CAR DVD NAVIGATION SYSTEM

Professional Car Multimedia



USER MANUAL

SPECIAL CAR DVD

User manual

Thanks for your purchase of the car multimedia player from our company, please read this instruction manual before you use it, and confirm to set up it correctly. And please keep this manual for future reference.

This instruction manual introduces you how to operate DVD, GPS, AV, TV.

The manual used in the example screen may vary with the actual picture

This manual of the product will improve its performance, functions and change the screen at any time without notice .

The machine to display the contents of the screen may be different with the actual content.

Important

1. Please read the prospectus before use it in order to avoid error operation for the inconvenience
2. This machine is for 12V power(must connect ground wire), do not connect to 24V power such as truck
3. Do not use sharp objects or devices to touch panels, otherwise the touch screen will be damaged
4. If you did not buy high-speed DVD-t, when vehicles>70KM, the screen may not display properly
5. If the TFT screen prevents interference with the driver of the optical line of

sight, you can press the DISP button panel or long press MUTE of touch screen on the X-shaped Icon. Until TFT screen automatically closed. And the voice of the normal output.

6. Unusual when the machine can not continue to work, can be reset by the RST key to restore the initial value
7. Please use the machine within the strict standard accessories and screws to install in order to avoid excessive use of other accessories and equipment damaged screws

Foreword

Important safety information

1. Before using this equipment, be sure to carefully read and fully understand the following safety information
2. before operating this machine, please read the entire user's manual
3. the navigation function of this product (and optional reversing camera) only play the role as supplement when you are driving a vehicle, it doesn't mean you can be distracted, careless or loss of judgment while driving
4. If the operation of the equipment (and optional reversing camera) will distribute your attention of security when you are driving, as well as the obeying traffic rule and regulations. If there are any difficulties when you are operating the system by watching the monitor, please park the vehicle in a safe place, use the parking brake, and then do the necessary adjustments
5. No other person use this system unless they have read and understand instructions
6. In case of you are on the road of going to hospital, police station or similar

organizations emergently it is prohibited to use the navigation system.

7. The routes of navigation information which the system shows if for reference only and many not accurately reflect the latest licensed line, the traffic, one-way road, road closures or traffic restrictions.
8. The traffic proposal and restrictions of the current implementation is always the first issue of this navigation system information. Therefore, be sure to comply with the current traffic restrictions, even when the navigation system provides the current recommendations of the contrary.
9. If it is unable to enter the accurate local time, it may lead to that the navigation system can not provide appropriate routes and navigation instructions.
10. Do not set the volume of equipment too highly, otherwise you can not hear the vehicle traffic conditions outside the vehicle and emergency vehicles.
11. considering the security, some of the features will not be able to operate, unless you stop the vehicle or use the parking brake.
12. please keep this manual on hand for reference of operating procedures and safety information.
13. please pay special attention to all the manual notes, and strictly comply with the instructions.
14. In the following cases, please do not install the equipment (I) may block the driver's line of sight;(II)That may affect the operation system of the vehicle and the performances of safety, including air bags, risk alarm light button; (III)That may affect drivers safely driving vehicles
15. Please remember to fasten you seatbelt when you are driving. It will bring much less harm and danger for your fastening the seatbelt than not fastening. Once there is a traffic accident.
16. Please don't wear headphones when driving a vehicle.

System before the note and other safety information

1. The pink wire of the power connector is used to detect the status of

parking, it must be connected to the power-side switch of the parking brake

2. It may violate applicable law and result in serious injuries or damages if the wire is not connected or used properly
3. Don't place this product in environments which are damp or can be easily affected by damp and corrosion. You'd better install it in a dry and well-ventilated environment
4. If the battery power is off or discharged, the system's memory will be cleared, and it must be re-programmed.
5. Do not contact the system with liquid; otherwise, it will lead to electric shock, and damage or smoke or overheating to the system.
6. Warning: Security of driving
7. In order to prevent accidents, to avoid possible violation of applicable laws, please don't use the system for other purposes beyond the manual. Simultaneously, the rear monitor can not be used when it hinders the driver's sight.
8. In some areas, it is illegal for the driver or other people in the vehicle to watch the images on the monitor. These laws and regulations should be obeyed under the applicable situation, and the rear video output also should not be used.
9. The system can detect whether the parking brake of the vehicle is working or not. And it can prevent you from watching the images on the monitor at the front. When you try to watch an image, it will appear warning words in front of the monitor: "no watching the video information in the front seat while driving".
10. Don't connect the brake test line with the ground for mandatory to achieve the purpose of watching the video, otherwise, it may lead to a serious potential safety hazard when you are driving. Part of the menu which can not operate the equipment, also can not operate some AV features.
11. To see the image in front of the monitor, please park the vehicle in a safe

place and use the parking brake.

12. When you have to use the monitor to connect with the rear monitor output, the rear monitor output of the system used to connect the monitor, so as to let the people in the rear seat can watch the images.
13. Do not install in the rear monitor in the location which the driver could watch its image while driving, in order to prevent the depletion of the battery, please follow the following instructions.
14. Make sure to use the system only when you start the engine. Cause the battery will run out if you use the system when you not start the engine
15. To the identify the rear condition of the vehicle conveniently, the images which the rear camera display may be the mirror image
16. Please do not repair, decompose or improve the product. If this product has the fault or can not work normally, please ask the customer service advisory department for help.

Standard accessories:

 <p>A small black rectangular electronic module with a multi-colored ribbon cable attached to one end.</p>	 <p>A black handheld remote control with a numeric keypad and several function buttons.</p>	 <p>A black coiled cable with a small black rectangular antenna head and a gold-colored connector at the end.</p>
<p>CANBUS</p>	<p>Remote control</p>	<p>GPS antenna</p>
 <p>A bundle of four RCA cables with different colored connectors (red, yellow, green, blue) and a black multi-pin connector at the other end.</p>	 <p>A white cable with a standard 30-pin iPod connector on one end and a different connector on the other.</p>	 <p>A black USB cable with a standard USB-A connector on one end and a different connector on the other.</p>
<p>RCA wire</p>	<p>iPod cable</p>	<p>USB cable</p>
 <p>A thin, white, pen-like object used for touching the screen of a device.</p>	 <p>A metal U-shaped key used for dismantling a car's door panel, shown inside its clear plastic packaging.</p>	 <p>A small, gold-colored metal screw with a hexagonal head.</p>
<p>Touch pen</p>	<p>Dismantle key</p>	<p>Fitting Screw</p>

I. Instruction of front panel buttons

1. press  to turn on/off
2. press  to turn off voice
3. press  to switch mode
4. Press  to turn up voice
5. press  to turn down voice
6. press  to fast enter main interface
7. Press  to pause/play
8. MIC: Bluetooth audio input
9. Press  for Bluetooth function and hand free
10. Press  to enter navigation
11. Press “Band” Icon to switch radio wave bands FM1 FM2 FM3 AM1 AM2
12. Press  for the previous
13. press  for the next
14. press  to read disc
15. Press  to scan the radio channels. Press it more than 3s to scan and save radio channel
16. Reset, press it to restore the factory default

II. Main menu functions introduction



1. press  to enter radio function
 2. press  to enter DVD
 3. press  to enter navigation system
 4. press  to enter Bluetooth
 5. press  to enter iPod function
 6. press  to enter TV function
 7. press  to enter setting function
 8. press  to enter USB function
- 8

9. press  to enter SD card function
10. press  to enter virtual disc function (Virtual disc 10)
11. press  to switch day/night/screen on/ screen off mode



12. press  to enter AUX function
13. press  to enter Compass function
14. press  to enter Car info function
15. press  to enter Counter function
16. press  to enter Rear Camera function

17. press  to enter Wallpaper function

When double click “clock”, it shows hidden menu like following:



- 1) “clock” Icon, there are 6 type of clocks can be chosen
- 2) Click this icon for the time choice
- 3) Press it to back

III. RADIO function



1. Band button to scan FM/AM
2. press 2s or above to scan radio channels automatically
3. press  to scan the previous radio channel
4. press  to choose radio frequency
5. press  to scan the next radio channel
6. audio amplifier setup as following picture



- 1).TREBLE down/up
- 2). Bass down/up
- 3). VOL down/up
- 4). EQ type choice, classic, POP, Roll
- 5).FL/FR/RL/RR adjustment
- 6).keytone on/off
- 7).Loudness switch
- 8).GPS mixture voice on/off
- 9).Restore to factory default

7. Loudness switch
8. stereo on/off

1. manual radio channel adjustment

Press forward or backward button to adjust the radio frequency. Press over

1.5s to choose automatically scanning, it will stop scanning after search out an effective radio station

2. automatical radio channel adjustment

Press AMS button over 3s, it will enter to automatically scan and save radio channels status.

3. choose the preset radio channel

4. change the present saved radio channel

If you want to change the present saved radio channels, you can press ◀ or ▶ to choose the preferred radio channels, and then long-press P1-P6 to save

5. stereo on/off

You can press icon to turn off stereo sound and switch to mono if the signal is weak to make the voice clear.

IV. Bluetooth



1. dial icon
 2. handphone switch on/off
 3. calling record
- 12

4. phonebook
5. A2DP
6. dial key
7. pairing indicate

V. Virtual memory CD



1. “burn” icon
2. play icon
3. stop icon
4. previous icon
5. next icon
6. Repeat play
7. Circulation play
8. Delete key

VI. Setup function



1. Navi setup
2. video setup as picture below:



- 1) brightness adjustment
 - 2) camera setup: normal/mirror
 - 3) handbrake function
3. Audio setup
 4. Time setup as picture below:



- 1) AM/AM/24 Hour setup.
- 2) Year/month/day setup
- 3) Time area setup

5. Calibration function

6. Set up

***Press"0000" to enter this function

important notification:

It may cause inconvenience and influences the working mode after adjusting the parameter of advanced setting. we suggest you do it conscienciously. please reset the model if there is any abnormal use appeared.

VII. AV-IN

Click external video icon in the main menu to access the corresponding interface. This function is only available before the external A/V cable is properly connected to the device

VIII. SD port

- 1) flip-down the TFT screen
- 2) Insert the SD card(right side-up), the system will auto recognize and read the SD card

IX. Bluetooth

This function can be used when one CGSM cellphone is connected to the model

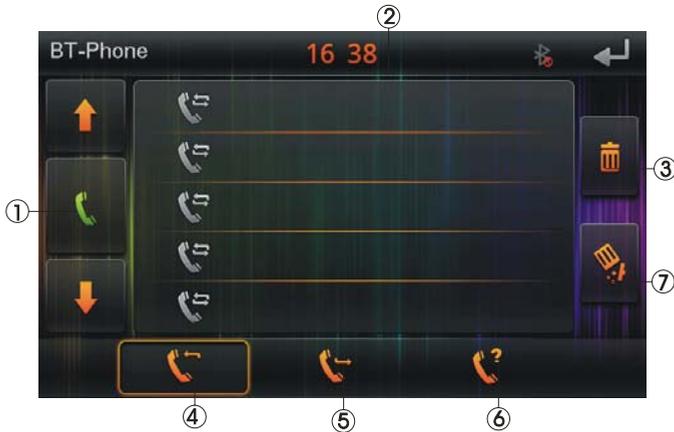
1. Bluetooth interface introduction

** please note the dial board and digit are useless when switching to cellphone



2. phonebook

- 1) dial icon
- 2) digits
- 3) digits deletion
- 4) digits selection
- 5) calling record



- ① dial icon
- ② phone number display area
- ③ deletion one by one icon
- ④ dialed call record
- ⑤ received call record
- ⑥ missing call record
- ⑦ Elimination

- 6) phonebook
- 7) A2DP
- 8) Pairing indicate, it shows green when paired

3. Using instruction

- 1) paring procedure

preparing a GSM handphone with Bluetooth function, click pairing icon to find out the model and input the code"0000" according to the indicate you can use this function after pairing done(the Bluetooth logo turns to green color)

- 2) A2DP

You can enjoy the music after paired, the model will import music from handphone automatically

- 3) Dialing

You can freely dial people from the model or handphone, you can process and control dialing from both the model and handphone

4) call receiving

the model will show the phone number and press receiving icon to pick up.

Press ending icon to hang up

5) check the dialed call

6) check the received call

7) check the missing call

X. GPS Funtion

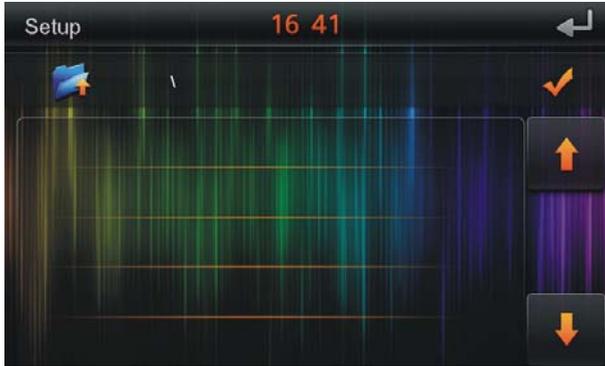
a) Insert GPS SD card



Insert the SD card to GPS SD card slot, please kindly note the sd card should be right-side-up

1. GPS path setup

Enter the setting menu and choose GPS path setting menu to choose the GPS .exe program and tick it to run the GPS software as the picture below



After choose and tick the program, the system will back to gps setting menu, press “NAVI” to start the navigation.

XI. Remote controller instruction

Please remove the film which sticks to battery.

1. instruction

- 1) power on/off button: to power on/off the model
- 2) Mute button: to mute the model
- 3) Mode button: to switch the functions from RADIO/AUX/DVD/TV/GPS
- 4) Δ disc in/out
- 5) DVD button: to enter DVD mode
- 6) Stop: to stop the DVD or music
- 7) VOL+: turn up voice
- 8)  pause/play button
- 9) GPS: to enter GPS mode
- 10)  previous button
- 11) OK button: to adjust EQ
- 12)  next button
- 13) TV button, to enter TV mode
- 14) Band: band switch in the radio status. It is for image format switch in TV/DVD status
- 15) VOL-: voice down

- 16) AUDIO: to switch Chinese/English
- 17) 0-10+ digits: to choose channels in the radio/TV status, choose specified items in the DVD status
- 18) RPT: repeat function, you can choose all repeat or title repeat in the status of DVD
- 19) TITLE: to back to DVD title
- 20) Zoom: to zoom in or zoom out. In the DVD status, to process zoom x2, x3, x4, x1/2, x1/3, zoom off
- 21) GOTO: to show dvd playing problems
- 22) A-B: to slow down the DVD playing
- 23) Set up: to setup the DVD
- 24) , to move up the selected menu
- 25) Angle: to adjust the playing angel
- 26) ROOT: DVD repertoire adjustment
- 27) , move the selected menu to the left
- 28) ENT: confirm button
- 29) , move the selected menu to the right
- 30) ROM
- 31) INFO: DVD repertoire slide
- 32) , move down the selected menu
- 33) PIC: Bluetooth shortcut
- 34) SUB-T: DVD caption setting
- 35) , the previous episode
- 36) , the next episode
- 37) MENU: to back to DVD menu
- 38) Exit

XII. IPOD instruction

The model will automatically turn to IPOD mode when IPOD/IPONE docked

1. IPOD interface

- 1) voice on/off

- 2) repertoire display area
 - 3) song name and singer display area
 - 4) repeat function to choose single repeat, all repeat and repeat off
 - 5) cycleplay function to choose single cycleplay, all cycleplay, and cycleplay off
 - 6) previous button to choose previous song
 - 7) next button to choose the next song
 - 8) voice setting
1. Treble sound setting
 2. alto sound setting
 3. low pitch sound setting
 4. bass sound setting
 5. sound reduction setting
 6. FL setting
 7. FR setting
 8. Mute
 9. loudness on/off
 10. GPS mixture voice on/off
 11. EQ Setting
 12. Voice down/up control bar
 13. back button

2. the introduction of IPOD interface

- 1) press song selection button to import IPOD songs
- 2) press video file selection button to import the video files from IPOD
- 3) press picture file selection button to import the image files
- 4) files display area, choose the preferred songs to play
- 5) main menu file button
- 6) digital selection button for songs
- 7) last page
- 8) next page

XIII. USB instruction.

The model will automatically read the USB files after docking USB.

- 1) previous button to choose the last song
- 2) pause/play
- 3) next button to choose the next song
- 4) repeat function to choose single repeat, all repeat and repeat off
- 5) cycleplay function to choose single cycleplay, all cycleplay, and cycleplay off
- 6) voice button
- 7) back button
- 8) loudness on/off
- 9) current file display area
- 10) time calculator for song play

XIII. The playback screen for original car usb:

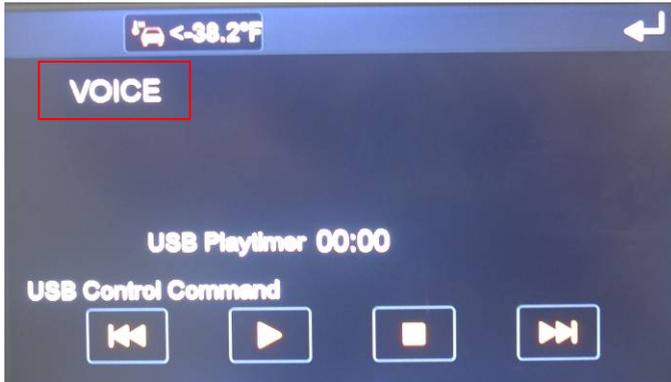


① Original car temperature display

- ② Original car USB play timer
- ③ Original car USB play control command

The user interface for original blue&me status:

1. The voice conversation of people with car status:



2. Talking on the phone status:



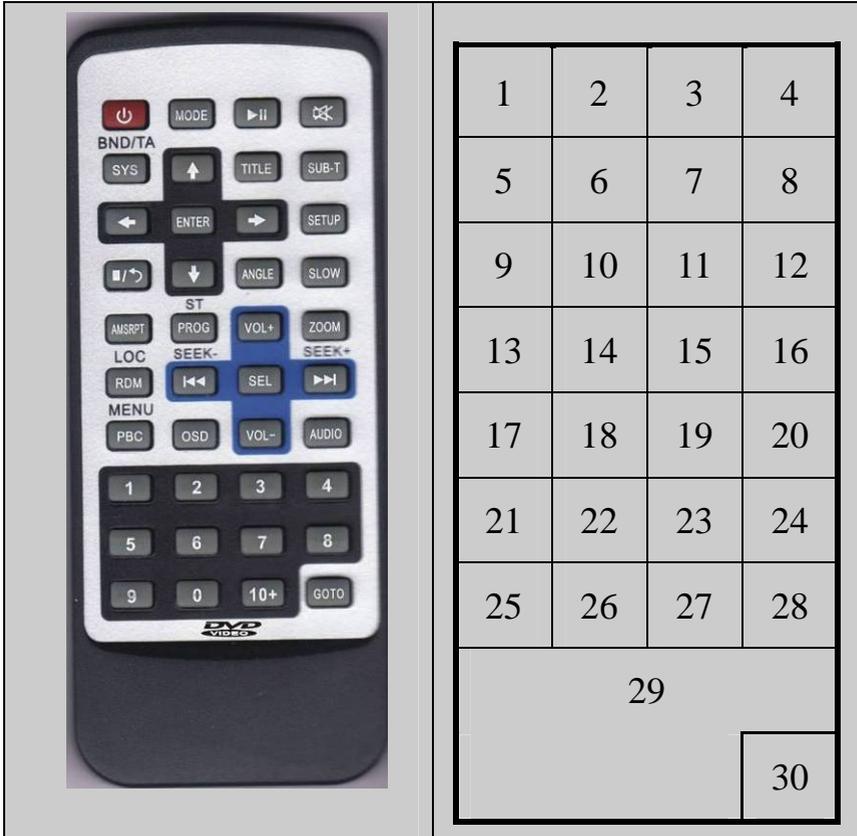
Car door display status:

CAR AUDIO EXPERT



It will display this status when use the DVD to open car door in any condition, when people close the car door will auto off this interface.

Remote Control Function Instruction

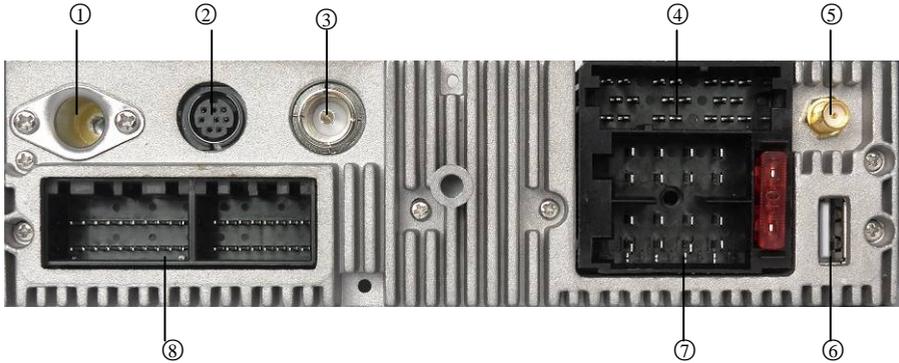


Function instruction

1. Power on/off button: press once to turn on/off unit.
2. Mode switch button: Press once to switch to RADIO/DVD/AUX/TV/GPS
3. Pause button: on DVD mode this button is for pause function
4. Mute button: mute function
5. Band switching button: on RADIO mode to switch to FM1/FM2/FM3/AM1/AM
- 6 . Menu up select button
7. Title: need the support of dvd disc

8. SUB-T: need the support of dvd disc
9. Menu left select button
10. Confirm button
11. Menu right select button
12. DVD stop button
13. Time-out button
14. Menu down select button
15. Angle button
16. Easy ahead button
17. Repeat button
18. Programming button
19. Volume+
20. Enlargement button
21. Random play button
22. MovePrevious button(SEEK-)
23. Volume control button
24. MoveNext button(SEEK+)
25. DVD menu
26. DVD information display
27. Volume-
28. Audio switch button.on TV mode to switch audio.on dvd to switch left/right Sound
29. Number key
30. GOTO

XIV. Input interface



1. Radio antenna port.
2. iPod port.
3. TV port.
4. Original USB/AUX wire port.
5. GPS antenna port.
6. USB cable.
7. Original car power wire port.
8. RCA OUT interface including:
 - 1 way AU video input
 - 1 way rear camera input
 - 2 way video output
 - 4 way audio output
 - 1 way DBB output

Wheel control operation instruction: (Special canbus don't need setting)

- 1.press "steer" in main menu
- 2.keep pressing the keypad on wheel when it appears a voltage value in "assign" area.then click "assign" to finish



The Technical Parameters

DVD Technical Parameters

Laser wave length	DVD 650nm;CD 780nm
Pick up	HITACHI 1200W
Compatible disc	MPEG-4(DIVX),DVD,DVD+R,DVD-R,VCD,CD,MP3,WA,JPEG,CD,CDR,CD-R/W
Anti-Shockproof	DVD 3 seconds;VCD/CD 10 seconds;mp3 90seconds
Audio output level	Audio:1.2V \pm 0.2
Frequency response	20Hz-20KHz
Audio signal-noise ratio(S/N)	\geq 80dB
Dynamic scope	\geq 80dB
Video pup ut level	1.0 \pm 0.2Vp-p
Brightness signal-noise ratio(S/N)	\geq 56dB

Color signal-noise ratio(S/N)	$\geq 60\text{dB}$
Display system	Auto/NTSC
Menu language	Chinese/English/Spanish/French/German/Italian/Turkish

TV Technical Parameters

Frequency Range	48.25MHz-847.25MHz
TV display system	PAL/NTSC/SECAM/SECAM-L
Audio system	DK/I/BG

Radio Technical Parameters

FM Frequency Range	87.5MHz-108.0MHz
AM Frequency Range	522MHz-1620MHz
FM sensitivity	$\leq 25\text{dB}$
AM sensitivity	$\leq 45\text{dB}$
Signal-noise ratio(S/N)	$\geq 50\text{dB}$
Distortion	$\leq 0.3\%$

TV Technical Parameters

Frequency Range	48.25MHz-847.25MHz
TV display system	PAL/NTSC/SECAM/SECAM-L
Audio system	DK/I/BG

Technical Parameters of TFT-LCD Screen

LCD Screen Size	6.2 inch
LCD Screen Ratio	16:9
Spot pitch	0.107(h)x0.372(V)
Resolution	800X3X480

Contrast	150:1
Brightness	300cd/m ²
Response speed	R:30/F:50
Viewing angle	U:15/D:35 L/R:55
Original luminous lamp	LED
Lamp longevity	Over 10 thousand hours

18. Trouble Shooting

As the machine is controlled by micro-computer, if any functional problem happened, please press the "RST" (reset) button on at the right hand side of the front panel to reset the unit. Wait some seconds and turn on the unit again, if all the functions work normally, then can operate the unit again. But if the unit doesn't work normally yet, please try below solutions to check again the unit.

Symptom	Solution
No power	<ol style="list-style-type: none"> 1. Make sure the connection is correct. 2. Check if the key of the car is inserted and turn on. 3. Check if the "Power" button is plug up by any hard things. 4. Check if the fuse was blown.
Canot play disc	<ol style="list-style-type: none"> 1. Check if the screws on the top of the unit are removed. 2. Make sure the disc is inserted in correct side. 3. Check if the disc is terrible dirty and scratched.
No image	<ol style="list-style-type: none"> 1. Check if the brake wire and reserve wire are in correct connection. 2. If the disc is DVD/VCD/MP4 etc image disc? 3. If the setup for brightness and contrast are correct? 4. If under TV mode, please check if the TV image system is in correct system (PAL/NTSC/SECAM)?
No sound	<ol style="list-style-type: none"> 1. If the wires for speakers are connected correct ? 2. If the wires for speakers and power are short circuit ? or the outer shell are short circuit ? 3. If the volume are turn down to the lowest ? 4. If it is in the MUTE mode ? 5. If under the TV mode, the set up of the audio system are correct ?
No response for touch / touch departure	<ol style="list-style-type: none"> 1. If there are some hard things withstand the panel? 2. If the unit are under Backing or Braking mode? 3. Press Set menu>general>next page>TS calibrate, Adjust and reset up the touch point area to see if it will work normally.
No response from remote control	<ol style="list-style-type: none"> 1. Check if the plastic are removed out. 2. Check if the batteries were run out. 3. Please point to the IR area to use the remote control.
No TV signal or weak TV signal	<ol style="list-style-type: none"> 1. Check if the TV antenna is installed in the correct place. 2. Maybe the signal in local is not strong enough. 3. If the TV system is set up correct?
GPS navigation cannot work normally	<ol style="list-style-type: none"> 1. Check if the navigation software path is correct setup. 2. If the map software is compatible with Unit. 3. If the GPS antenna is correct installed.
Display " warning please stop watch video player"	Brake wire connect Err, Please read page 25 the wiring diagram

Notes:

1. Due to continuing improvements, the features and design are subject to change without any notice.
2. To make sure the machine work normally, it is recommended to use the attached accessories and optional parts..

Professional Car Multimedia

