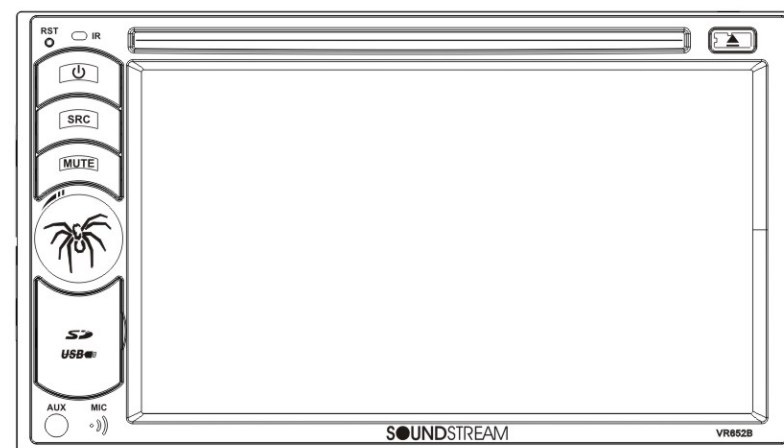




VR652B

INSTRUCTION MANUAL



CD PLAYER / MP3 / DVD
BLUETOOTH / SD / USB

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Safety Precautions



This product without waterproof function. To avoid the risk of fire breakout or electric shock, please do not expose this unit in the rain or moist environment. Do not open the cabinet. Such operation will absolve relative maintenance guarantee. Only the legally authorized professionals are allowed to conduct such operation.



LASER: This unit installs a laser system. To ensure proper use of this product, please read this owner's manual carefully before operating this unit and keep it for future reference. If the unit requires maintenance, please contact an authorized professional. Please operate according to correct process in order not to hurt by laser beam.



Please use this unit at normal temperature. Do not put the unit under -10 degree or higher than +60 degree environment. Otherwise it will distort the plastic shell, debase the display quality and products quality.



Installation should be very tight and secured to prevent the fallen unit hurt people and damage the unit when moving on or a sudden brake.



Please install carefully to avoid damaging working platform. Please clean the internal working platform, and ensure sufficient space for installation. Inner shell will be installed on the working platform. Then install the mainframe, connecting the power and video signals jack, then put mainframe into the shell. Then assemble the shell with the mainframe device.



Please do not try to repair display device by yourself. It is made up of many precision electronic elements, and any dismantlement or refit will make it damaged or broken. If any problem on the unit, please switch off the power immediately, and consult your nearest seller or distributor.



Please keep the monitor away from the pollution of moisture, dust, water soot etc. Please switch off the power immediately if any moisture or other objects pollute, please contact the seller or distributor.



If you drive with the sound at a level preventing you from hearing sounds outside the car please keep the unit at an appropriate sound level, otherwise this may affect your driving and cause an accident.



For your safety, please do not watch or operate the monitor when you are driving.



The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Preface

Thank you for your support of the company's products and options. This unit is crystallization of the modern high-tech. It is a cross-functional player mode and adjustable true color LCD automatic retractable screen LCD touch screen. Allows you to be arbitrary choice To appreciate the program. Here, we wish you to personally experience this high-tech products can be Perfect fun and enjoyment. To ensure proper use of this product, please read this owner's manual carefully before operating this unit and keep it for future reference.

Note: The graphics of this manual are for your reference only, please in-kind products prevail.

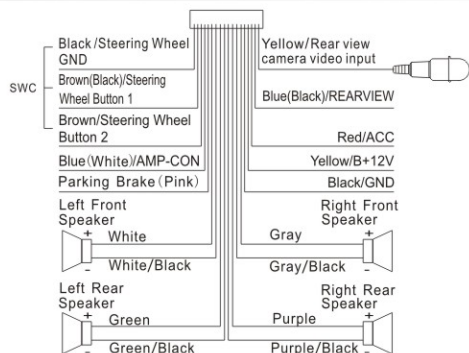
Main Features

1. 6.2" Wide screen TFT LCD high-definition media player monitor.
2. This unit is with touch icon interface and touch button icon.
3. DVD/RADIO/AUX/USB/SD/BT/Steering wheel control/Car Back function build in.
4. DVD/VCD/MP3/CD/MPEG compatible.
5. FM/AM digital synthesizer tuner with 30 memory presets.
6. Intelligentize bluetooth function, for you to make and answer the phone comfortably.
7. Built-in 4X45W power amplifier, 4.1 soundtrack audio output, can connect to external audio device.
8. Signal: 1 video output, 1 video input.
9. Under car reverse mode, can auto switch to the reversing mode, if connect to the camera, can observe the back side of car to ensure the safety.
10. Menu function: all function is operated by OSD menu.
11. Display system: AUTO/PAL/NTSC.
12. Original steering wheel without any changes, you can achieve the steering wheel control.
13. Auto memory: all the feature or position adjustment can be auto memoried and will auto resume.
14. Support USB/SD card to play MP3/MP4/WMA/AVI/JPEG media format.
15. Picture pixel: 800*3(R.G.B)*480.
16. Power: DC 12V $\pm 10\%$; Low power consumption: $\sim 25W$.
17. Working Temp: $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$.
18. Max Current: 10 A.
19. This unit has anti shock function.

User Introduction

1. Please connect the signal cable with power cable according to "Unit rear side connection" to connect to power and signal.
2. After connect to power, press the power button, screen to enter the main interface.
3. When display DVD or VCD disc, the unit is automatically identify the video system PAL and NTSC.
4. Can through the button on panel to adjust the function. And can use the remote control or touch screen to adjust the function.

Wiring Diagram



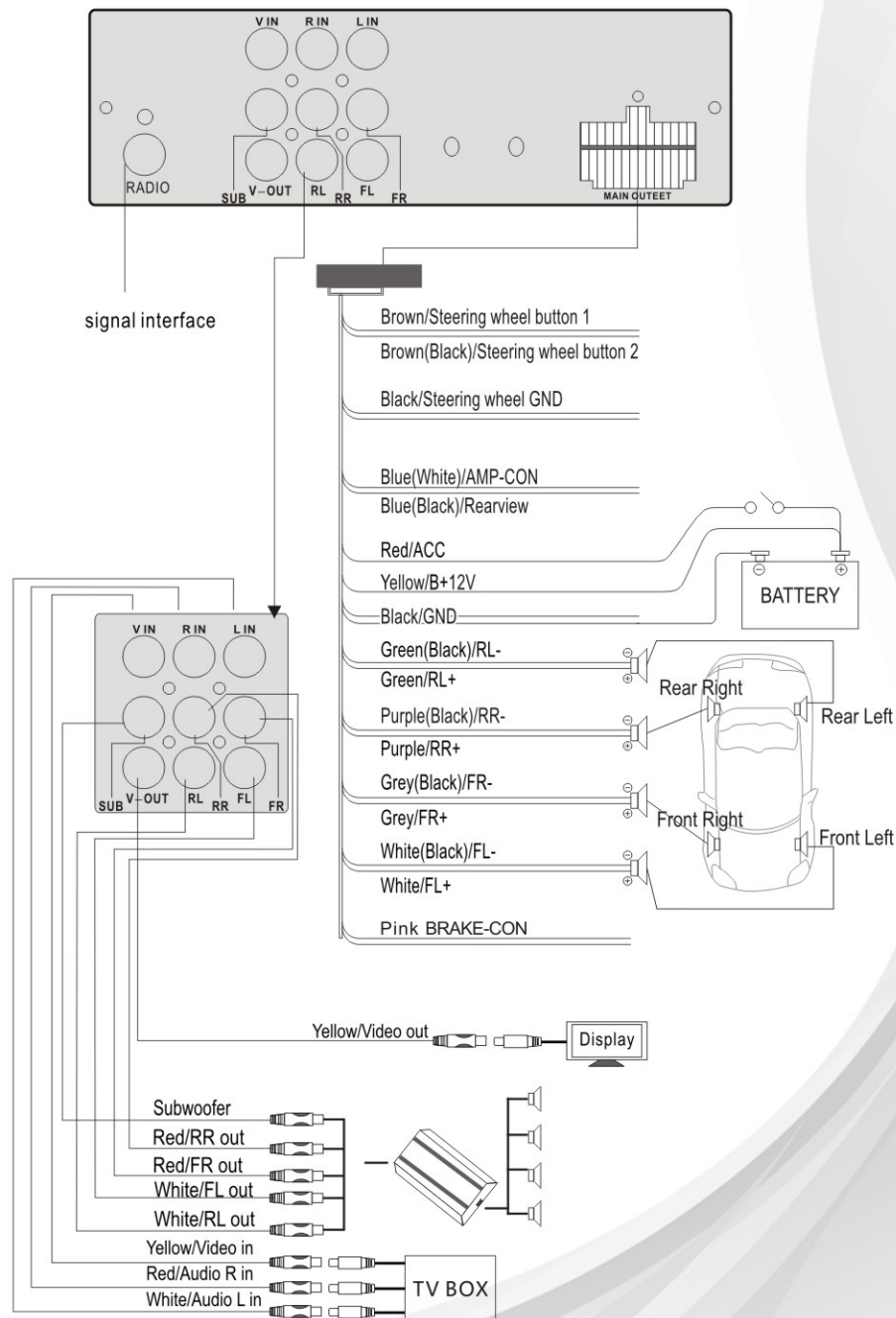
Left

1. Rear view camera Black / Steering Wheel GND
- 2/3. Brown/Steering wheel button 1, Brown(Black)/Steering wheel button 2: Connected to the steering wheel button (positive pole).
4. Blue/AMP-CON: Control power amplifier switch.
5. Parking Brake (Pink): Hand brake connection cable (cathode)
6. Green / RL +: Rear left audio output (positive pole).
7. Green (Black) /RL -: Rear left audio output (cathode).
8. White / FL +: Front left audio output (positive pole).
9. White (Black) /FL -: Front left audio output (cathode).

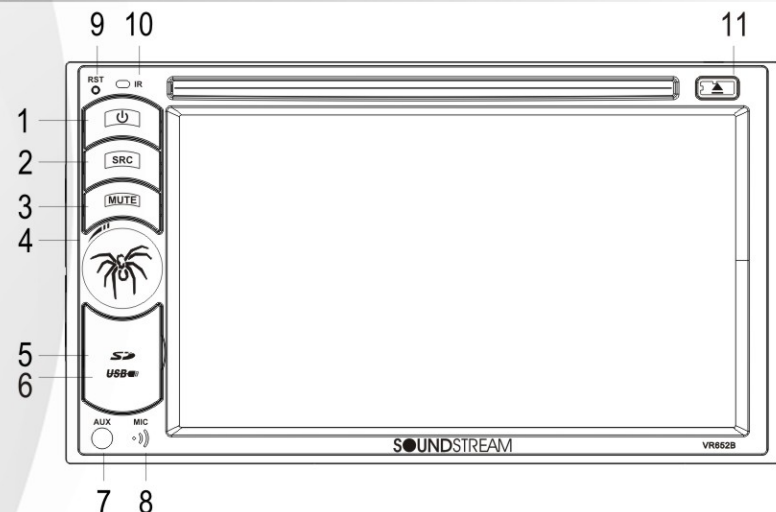
Right

10. Rear view camera video input
12. Blue (Black) / REARVIEW: Car reversing line.
13. Red / ACC: Triggering power.
14. Yellow / B +12 V: +12 V power cord.
16. Black/GND: Ground.
17. Grey (Black) / FR -: Front right audio output (cathode).
18. Grey / FR +: Front right audio output (positive pole).
19. Purple (Black) / RR -: Rear right audio output (cathode).
20. Purple / RR +: Rear right audio output (positive pole).

Unit Rear Side Connection



Appearance and Function Introduction



1. Power key.
2. SRC: Change modes.
3. MUTE: Short-press it to turn off the speaker, press it again to resume. Long-press it to close the screen display, and then long-press it again or touch the screen, the screen back to normal.
4. VOL: Volume adjustment.
5. SD card reader slot.
6. Mini USB connector.
7. AUX: Audio input interface mode.
8. MIC: Microphone.
9. RST: Reset button.
10. Remote control window.
11. Eject/enter the disc.

Connect To Storage Accessories

Connecting With USB

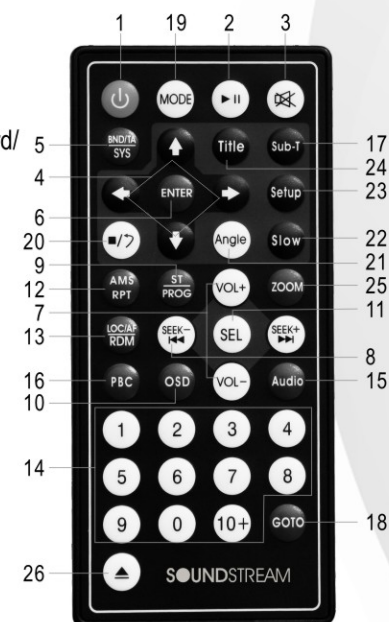
1. Under power on mode, click the USB icon in the main interface, it will play the USB.
 2. It will display "USB READ", then play the file.
 3. Pull out the USB when you want to stop playing.
- If there are some file in the memory card that can't play, please delete it then connect to the unit to read the file.

Connecting With SD Card

1. Under power on mode, click the SD icon in the main interface, it will play the SD card.
 2. Will show can play the file.
 3. Pull out the SD card when you want to stop playing.
- Note: Please take attention for the SD card using direction, upward label side, then insert the card.

Remote Control Operation

1. : Power
Press this button to turn on/off the unit.
2. : Play/Pause
3. : MUTE
4. Cursor direction key to move around as fast forward/rewind, Move up and down cursor is select file
5. In radio mode is band switch, TV mode is system switch, other mode is invalid.
6. Enter
7. Volume: VOL+/VOL-
8. SEEK- /SEEK+ : Previous/next
9. DVD Programming
10. OSD: Press it to display the disc information.
11. SEL: Sound adjustment function
12. AMS/RPT
DVD mode is Loop broadcast, RADIO/TV mode is the search channel
13. Under DVD mode, press it for shuffle
14. Number: Pilih lagu
15. AUDIO memilih mode.
16. Switching sub menu
17. Subtitle on/off (need the disc support)
18. Anycast title, chapter, audio, subtitle
19. MODE: Change modes
20. : Stop playing
21. DVD display disc there are more angle select (need the disc support)
22. SLOW: slow forward/slow playing
23. SETUP: System setup



24. TITLE
Return to the menu title
25. ZOOM
Press it can zoom or shrink picture displayed
26. : Eject button.
Press this button to eject or slot -in the disc

Precautions Before Using Remote Control Unit

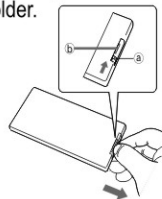
1. Please pull out the PVC when the remote control unit is first using.
2. Don't drop or step in remote control unit or subject it to shocks.
3. Note that it maybe impossible to operate the main unit if there are obstacles between it and the remote sensor.
4. Using the remote control unit within the specified operating range.

Remote Control Unit Operating Range

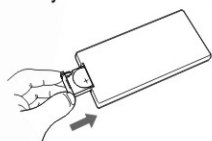
Horizontal: ± 30 degree
Vertical: ± 30 degree
Distance: 6M

Replacing The Battery

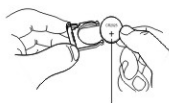
1. Insert your finger nails into A and B on the diagram below, press A according to the direction, then pull out the battery holder.



3. Fit the battery holder back to its place.



2. Remove the old battery, then insert the new battery into the battery holder with the + side facing upwards.



Lithium battery(Cr2025)

Note:

To prevent leakage of fluid from the lithium battery, remove the battery when not using the remote control unit for long periods of time(one month or more). If the battery leaks fluid, carefully wipe it out of the battery case, then change to a new lithium battery.

Basic Operation

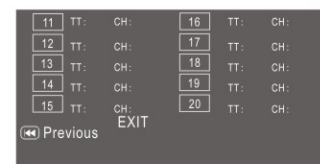
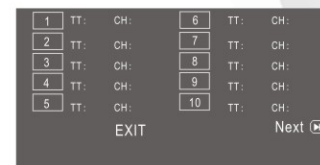
1. Power on /off
Press the "⏻" button on remote control, enter into power on condition, press this button again to turn off the unit.
2. PLAY/PAUSE
On normal play disc mode, press this "⏮" button to pause. Press this button again to continue playing.
3. ⏸ STOP
In play mode, press it to stop playing, press "PLAY" button to resume playing.
4. DISC IN /OUT ⏮
Press to eject the disc. The disc into the disc slot, will inhale automatically.
5. MUTE control
Press "⏸" button on remote control to turn off the sound. Press it again will resume the previous volume level.
Note: there are some functions no work when mute.
6. Function mode switch
Press "MODE" button on remote control to switch the mode. But if the unit without disc/SD/USB inside, can't enter to DVD/SD/USB mode.
7. "⏮" "⏭"
In DVD mode, short-press for previous/next item, long-press for fast forward/fast back;
In TV mode, short-press for previous/next channel, long-press for manual search forward up/down; In FM mode, short-press for adjust radio frequency, long-press for manual search forward up/down;
8. OSD:
Press the OSD remote control key, the screen will display elapsed time, remaining time, title, chapter, time, section time, time remaining chapters, show off.

9. Select the subtitle
10. Press "Sub-T" to select different subtitles inherent in DVD disc.
11. Press ZOOM key for times, the picture will change in order of 2X, 3X, 4X, 1/2, 1/3 and 1/4 of normal size. (Note: USB/SD within video and photo can be magnify or narrow)
12. Press SLOW on the remote control to slow playing. Change the playing speed to 1/2, 1/4, 1/8, and 1/16 through pressing SLOW button.
13. During playback press the "AUDIO" voice key, can be included on the DVD disc in a variety of audio languages to choose.
14. "GOTO" chooses play button, Press it, the play information will show on screen, use cursor button on the remote control to choose disc title, chapter or time and then press "enter" button to play.
15. Press ANGLE to select the play angle when the main unit is in play mode for DVD disc, there is no function for other disc. It will be no working if the disc not have this function.
16. The main unit may auto play the list according to the order of title, chapter or set list; Press ST/PROG, the menu will shown on the screen.

Hint: TT is for Title, CH is for Chapter of DVD disc. DVD disc is divided into several parts called Title. Then title is divided into chapter; Normally one movie only corresponding to one title. CD disc is divided into several items. For KARAOKE disc one music corresponding to one title.

Use the ⬅ ⬆ ⬇ ➡ and number button, to input the corresponding title, chapter.

Use ⬅ ⬆ ⬇ ➡ move cursors to "play", press "enter" button, the unit starts playing on the program list. Choose "Exit" button, press "enter" to exit.



- NOTE: (1). The program list will be cancel when the main unit is power off or eject the disc.
(2). There is no program function for some disc.
(3). The unit can not play the list if you select the item that does not exist in the disc.

Main interface

Main Interface

Touch the “main interface” icon on the top left corner of the screen enter the main interface, As shown, Touch screen and leftward move your finger can be turn the page.



DVD: Disc function mode.

USB/SD: Memory signal input mode.

DIMMER: Screen backlight switch.

RADIO: Radio mode.

AV IN: AV signal input mode.

BT: Bluetooth function(Optional function).

AUX: Audio input interface mode.

THEME: Switch the theme.

SETUP: setup me

Note: Insert the Disc / SD / USB can be enter into DVD/MEDIA/MMC mode.

Touch corresponding center icon on the screen, then can enter into the interface what function you choose.

DVD Mode Interface

The disc within the unit, press “mode” button to switch, or touch the “DVD” icon on the main interface enter the DVD mode. Insert the disc will auto switch mode and play.
Note: Different disc have different interface, and some functions need the disc support.

☀ : Close the screen display, and then click on the screen back to normal.

⏮ : Press them for the Previous/Next, Long-press them for the fast forward/fast back.

⏮⏭ : Previous/Next.

⏮⏭ : Fast forward/fast back.

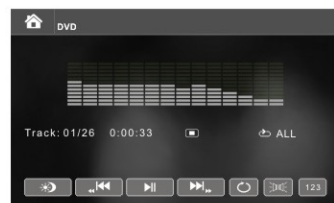
⏮⏭ : Pause/play.

■ : Stop playing.

🔄 : Play order. (All repeat, Random, Track)

🔊 : Audio. (Stereo, left mono, right mono, Mix-mono,)

123 : Number for chose chapter.

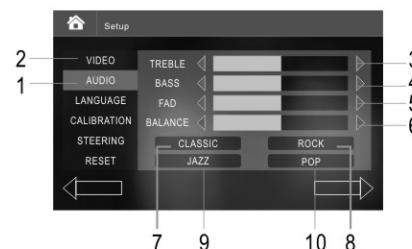


Note: In any mode, once placed the DVD disc, it will automatically switch back to DVD mode.

Audio/Video Setup

Under DVD mode, touch “⚙” button enter to “AUDIO/VIDEO” setup interface.

(Picture 1) Audio setting interface



(Picture 2) Video setting interface



1. AUDIO mode: Touch this icon, the icon is concave, then will enter to audio setting mode.
2. VIDEO mode: Touch this icon, the icon is concave, then will enter to video setting mode.
3. TRE: Alt volume adjustment, Touch the “▶” “◀” icon, on the screen, the alt volume will change.
4. BAS: BAS: Bourdon volume adjust. Touch the “▶” “◀” icon on the screen, the bourdon volume will change.
5. FAD: Front and Rear volume adjustment, Touch the “▶” “◀” icon on the screen, the front and Rear volume will change.
6. BAL: Left and right track adjustment, Touch the “▶” “◀” icon on the screen, the left right track volume will change.
7. CLASS:
8. ROCK:

9. JAZZ
10. POP
11. BRI: Brightness
Touch the “▶” “◀” icon on the screen, to adjust the picture brightness.
12. CON: Contrast,
Touch the “▶” “◀” icon on the screen, to adjust the picture contrast.
13. COL: Color,
Touch the “▶” “◀” icon on the screen, to adjust the picture color.
14. HUE: Hue,
Touch the “▶” “◀” icon on the screen, to adjust the picture hue.
15. STDY: Standard mode.
16. BRIG: Brightness.
17. SOFT: Soft.
18. VIVID

USB/SD Interface

Connect USB/SD, press "mode" button to switch, or touch the "USB/SD" icon on the main interface enter the USB/SD mode. will auto read.

1. Close the screen display, and then click on the screen back to normal.
- 2/7. Previous/Next.
- 3/6. Fast forward / Fast back
4. Play/Pause
5. Stop



When playing USB or SD card, Touch the DVD menu arrow keys to move the cursor to the file bag, file, MP3 or JPEG icon you want, and then press to confirm the selection, the selected file will automatically play. Play JPEG photo files, touch to confirm the current picture to exit picture playback, press the stop button to exit.

While the USB/SD is playing, and if you Insert the disc, will go to DVD playing. Pull out the USB/SD when you want to stop playing. Click the file directly can play the selected file.

Note: Click the bottom half of the screen can appear "Actions" menu, then click the "disappeared."

DIMMER Interface

Screen backlight switch. Touch the "DIMMER" icon on the main interface enter the DIMMER mode.

Radio Interface

Press "mode" button to switch, or touch the "RADIO" icon on the main interface to enter the Radio interface.



1. Close the screen display, and then click on the screen back to normal.
2. BAND: Select radio band.
3. ST/MONO: Stereo on or off.
- 4/5. Previous/next radio channel.
6. AMS: Touch it will auto search for the radio channel and auto save.
7. Radio band shows.
8. Show currently radio frequency.
9. RADIO channel display.
- Short-press one to play this channel.
- Long-press one to save current frequency.
- 10/11. Receiving frequency tuning.

AV IN Interface

Press the remote control "mode", select display picture, or icon on the touch screen to enter the AV IN mode.

Bluetooth Interface

Press the remote control "mode", select display picture, or icon on the touch screen to enter the BT Bluetooth mode: see the picture below.



1. Back to the main interface.
- Status Information shows column.
- Delete button: touch the button can delete the already input number.
- Dialing button: answer and make the phone.
- When on the calling, press it to switch to the phone mode.
- Hang up button: End the call or refuse the call.
- Number buttons
- When play songs by bluetooth, they act as respectively previous, stop, pause and next.

Operating instructions

1. Starting up and enter into the bluetooth system picture.
 2. Open up the bluetooth equipment of the mobile phone can search this unit's bluetooth equipment "CAR KIT". Then match the bluetooth by presentation.
 3. Input 4 figures pass code "0000", this unit's bluetooth will be set up to the authorized equipment of the mobile phone. If the match is successful the status of the bluetooth picture will show "LINK OK"
- Tips:** If it unable to match please starting up again. After setting up the unit to authorized equipment, the bluetooth will connect or enter into mobile phone bluetooth system automatically. Select "CAT KIT" to connect it.
4. After you match successfully you can make and answer the phone comfortably. Within the effective limits, this unit can adjust the voice through mobile phone. (Within the effective limits of 10 meters).

Cautions: This unit can only match with one mobile phone equipment which has bluetooth function. The bluetooth function of this unit can only receive audio frequency information.

AUX Interface

Press the remote control "mode", select display picture, or icon on the touch screen to enter the AUX mode.

System Setup

After opening the machine, press the "SETUP" on the main interface or remote control, enter into system setup interface, shows Video setup, Audio setup, Language setup, Calibration, Steering setup and Reset, As shown:

Prompt: Audio/Video operation is the same as the DVD setup.

Language settings

Built-in multinational language(English/ Portuguese/Thai/Russian/Arabic/Chinese) for you choice,



Touch screen calibration

Touch-efficiency adjustment (follow the prompts to click on the center of "+" sign, if successfully adjust, it will auto-exit)

Steering operate

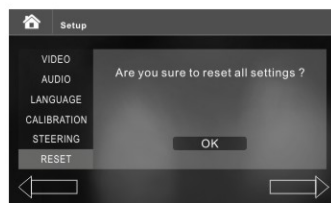
When the user want to set steering wheel keys for shortcut purpose, please long-press the buttons of the car's steering wheel, and then touch the function keys of the unit, you can achieve the purpose for setting the steering wheel functions.

1. Information shows column.
2. Cancel.
3. Power.
5. Hang up button: end the call or refuse the call.
4. Dialing button: answer and make the phone.
6. Previous/Next.
7. Mode.
- 8/9. Volume adjustment buttons
10. Mute.



Reset

"Are you sure to reset all settings ?" Press the "OK" button, all settings resume factory settings.



Function Index Sign

FM	FM Frequency range	87.5~108.0MHZ
	Noise limit sensitivity	15dBu
	S/N Ratio	50dBu
	Antenna resistance	75Ω
AM	MW Frequency range	530-1710KHZ
	S/N 30db	35dBu
	S/N Ratio	40dBu
	Antenna resistance	75Ω
AUDIO	S/N Ratio	80dBu
	Max output power	45W*4CH
VIDEO	Video output scope	1+/-0.2V
	Video Horizontal Resolution	≥600

Warning

1. To ensure the accurate of touch function, please touch the center point of relative function.
2. There are build in anti-jamming system in touch screen, to prevent the wrong position touch, please keep to touch this function for 0.5 second, then the product will get respond for your instruction.
3. Please do not use the object, which is bigger than the function icon to touch the screen. Otherwise the touch function will failure or give the wrong operation to other function.
4. To ensure the panel safety, please don't press or use the sharp object to touch the panel.
5. Don't play the severity scratch disc, otherwise will damage the DVD play capability.
6. Be sure to distinguish the anode and the cathode when connecting the power. If connect wrong, the fuse in filter box will melt immediately to protect unit. Then please replace the same parameter fuse.
7. DC 12V should be best to connect with the power adapter to prevent from the over-voltage drop the may influence the normal work of the monitor.
8. Keep this machine away from too hot, or under effect of moisture, dust or oil smoke, avoid this machine from dropping or impacting, never extrude or chafe this machine with sharp objects.
9. Dangerous high voltages are present inside the enclosure. Do not open the cabinet, non-professionals can not disassemble unit.
10. Installation should be very tight and secure. Preventing the fallen unit hurt people when moving on or a sudden brake.

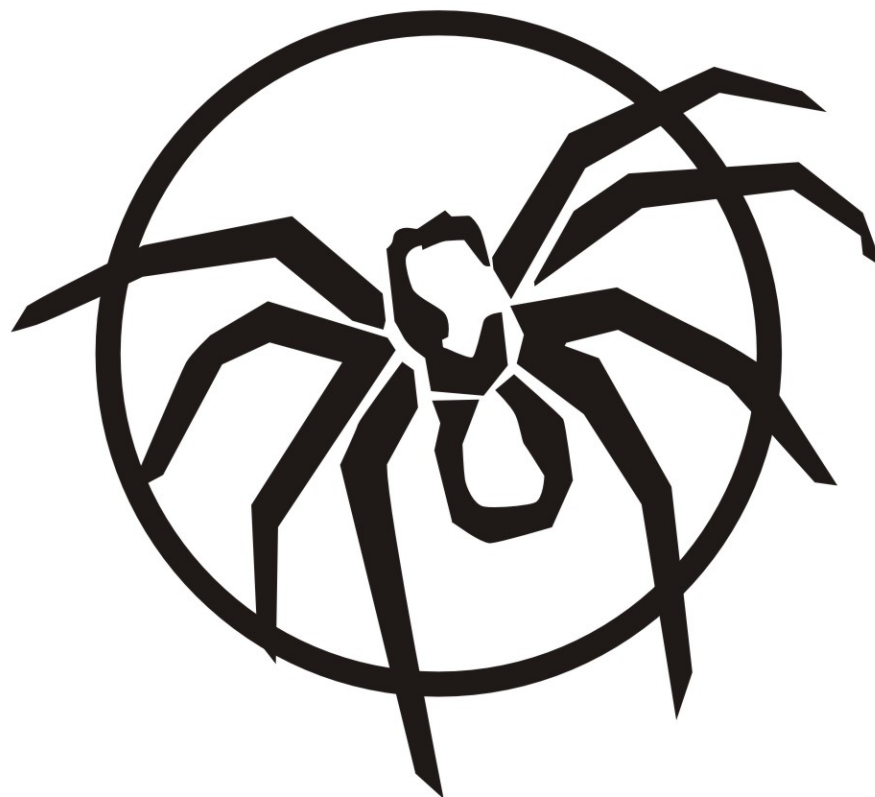
Trouble Shooting

PROBLEM	CAUSE	SOLUTION
Cannot power on	Check whether power fuse melt or not	Change fuse same as the old one.
	Some factor cause MCU wrong operation	Press RST button on the panel by pen point, then power on
After ignition switch off, setting information all lose	Wrong connection between ignition line ACC and power line anode pole	Reconnect line
Remote control no function	No enough power supply from battery	Change battery of remote control
Poor performance of radio station	Improper set of length of antenna, poor connection of antenna grounding	Check whether antenna is connected or not, or poor connection.
Cannot play disk	Disk is scratched.	Change new disk
	Put wrong side of disk into unit.	Slot in the disk with sign side up
	Disk has dirty.	Clean disk
Cannot switch language/subtitle	There is only one language/subtitle in dish	If disk is not with multi-language/subtitle, it cannot switch language/subtitle
No image	Video line between unit and TV is not properly connected.	Reconnect lines

Machine accessories list:

Accessories	Quantity
power cable	1
screws	4
Install bracket	2
remote control	1
manual	1
warranty card	1

SOUNDSTREAM



FCC Caution:

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.

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

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.