



BV9370B USER'S MANUAL

MP3-COMPATIBLE DIGITAL MEDIA AM/FM RECEIVER
FEATURING 6.5" (165 mm) WIDESCREEN TOUCHSCREEN
DIGITAL TFT LED MONITOR

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To ensure safety while driving

and to comply with laws,

drivers should not watch video or

operate the video device while driving.

Congratulations on your purchase of a **Boss Audio Systems®**
Multimedia Receiver.

It has been designed, engineered and manufactured to bring you
the highest level of performance and quality, and will offer you
years of entertainment pleasure.

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SPECIFICATIONS

Model No.	BV9370B		
General features	Fixed front panel 6.5 inch TFT screen FM/AM Radio RBDS Front USB & SD reader support Built-in Bluetooth AUX Input Front, Rear view camera Front, Rear and Subwoofer Pre-Amp Output 4*80W AMP power output maximum Steering wheel control		
TFT screen	800*480pixel		
SD	32G		
Working power	12 V		
Max Output	4*80W		
Working Temperature	-20°C~70°C / -4°F~158°F		
Size	100*178*132mm		
Weight	871.5g/1.92lbs		
Compatible Media			
Picture	JPG /JPEG/BMP		
Audio file	MP3/ WAV		
Video file	Format	Video code	Audio code
	MPEG1	MPEG 1	MP2
	MPG	MPEG2	MP2

SAFTY NOTICE

Please read and understand the following safety information before operating this unit.

- ⊘ The device is suitable for 12V power supply (requires grounding). Do not connect it to 24V power supply in trucks or buses, or else it will be damaged.
- ⚠ Please use genuine discs instead of incompatible discs, or it will damage the device and/or shorten the service life.
- ⚠ Without the guide of qualified personnel, do not replace the fuse, or else it may damage the device or cause fire.
- ⚠ Please follow the traffic laws and regulations and do not watch programs or operate the device when you are driving, to avoid accidents(excluding passengers watching through rear monitor).
- ⚠ To ensure safety and operate the device normally, please ask qualified personnel to install the device. Do not disassemble or repair the device without authorization, to avoid damage and accidents. please contact a local car audio distributor for details.
- ⊘ Do not put the device in a moist environment or water, to avoid electric shock, damage and/or fire due to a short circuit.
- ⊘ The mechanical drive part of the monitor uses an automatic precision transmission component. Do not pull, push or rotate the device by force or impact the TFT screen to avoid damaging the device.
- ⚠ Do not insert the audio plug of the vehicle into the master unit directly. Please convert with the dedicated end cable provided by our company.
- ⚠ When installing the unit, prevent metal objects from falling into the master unit from the vents to avoid a short circuit and damaging the device.

Safety Statement

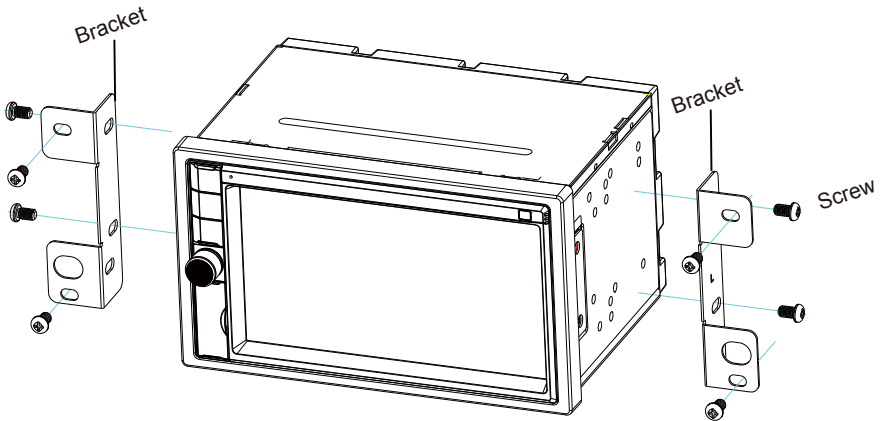
- ⊘ For the safety of yourself and others, do not watch programs or operate the device when you are driving. It is prohibited by law.
- ⚠ The back up monitor function should be used as an auxiliary view only. We are not responsible for any accidents occurred during backing.

ACCESSORIES

ACCESSORIES

- Qty 1 Remote control
- Qty 1 Mounting Hardware Set
 - Brackets (2)
 - M5 x 6mm screws (8)
- Qty 1 Trim ring
- Qty 1 Power cable

UNIT INSTALLATION



1. Put the 2 brackets to the left and right side of the unit;
2. Use screws to fix the brackets to the unit.
3. Once the screws are attached, the brackets can be adjusted forward or aft depending on the installation requirements.

REMOTE CONTROL OPERATION

1.TURN ON/OFF

Press to turn on or turn off the unit.

2.MUTE

Press to mute the unit ,press again to restore the volume.

3.MENU

Press to return to the home menu.

4.MODE

Press to change mode.

5.Direction and OK

Press to select previous/next one under Video, Audio, Picture list menu, press ok to confirm.

6.SEARCH

Press to automatic search under Tuner mode.



7.

Tuner mode: long press to search backward, short press to auto search backward

when bluetooth is calling in ,long press to receive call.

bluetooth mode: called out ,then hang up ,long press again to call out.



8.

Tuner mode: long press to search forward, short press to auto search forward

when bluetooth is calling in ,long press to hang up.

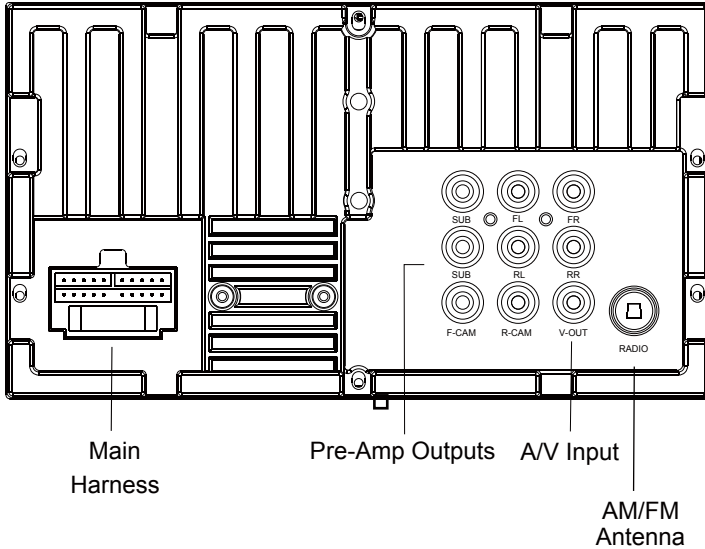
9.VOLUME UP/DOWN

Press to adjust the volume up and down.



WIRES CONNECTION DESCRIPTION

The Description of the Input/Output Interface



Power

Yellow.....	Constant (+12v)
Red.....	Accessory (+12v)
Black.....	Ground (-)
Orange.....	Illumination Input (+12v)
Violet/Wht.....	Reverse Input (+12v)
Blue.....	Ant. Output (+12v, 500 mA)
Blue/Wht.....	Rem. Output (+12v, 500 mA)
Lt.Green.....	Parking Brake Input

Control

3.5mm.....	SWC Input
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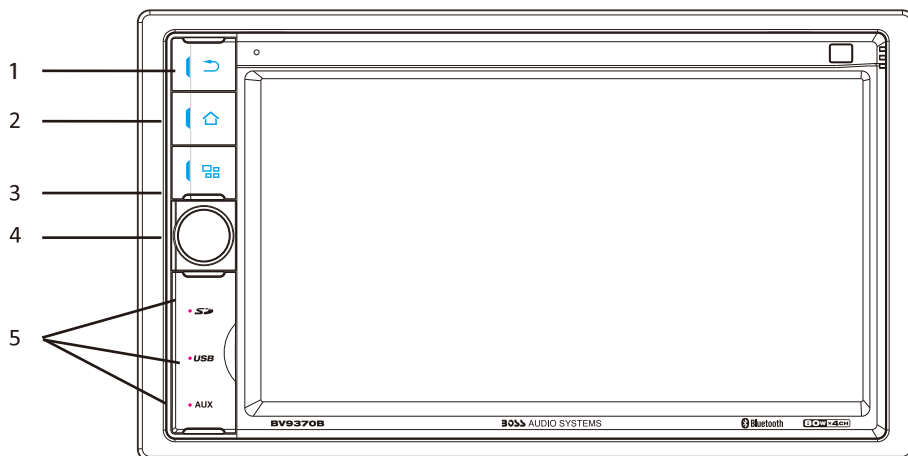
Speaker Outputs

White.....	Left Front (+)
White/Blk.....	Left Front (-)
Gray.....	Right Front (+)
Gray/Blk.....	Right Front (-)
Green.....	Left Rear (+)
Green/Blk.....	Left Rear (-)
Purple.....	Right Rear (+)
Purple/Blk.....	Right Rear (-)

Camera Power

Red/Violet.....	Front Output (+12v, 500 mA)
Red/White.....	Rear Output (+12v, 500 mA)

PANEL INTRODUCTION



1. BACK :

Back to previous source

2. MENU:

Press to return to the home menu

3. MODE:

Press to change mode.

4.TURN ON/OFF & VOLUNE UP/DOWN

Long touch to turn ON/OFF the unit. Short touch to activate the MUTE function and silence the audio output. Touch again to restore sound. Rotate to adjust the output volume UP or DOWN.

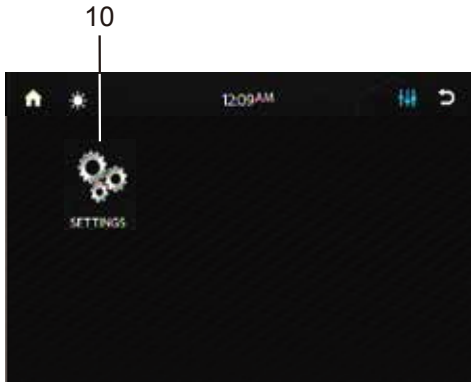
5.Open to see SD lot,USB port ,AUX IN jack and reset key .

MAIN MENU OPERATION INSTRUCTION

MAIN MENU 1



MAIN MENU 2



1. Press to go into main menu 2.
2. Tuner Interface
3. Streaming Interface
4. Phone Interface
5. USB Interface
6. Front Camera Interface
7. Rear Camera Interface
8. Aux In Interface
9. SD Interface
10. Setting

ACCESS SETUP INTERFACE

There are nine menu in setting:

SYSTEM SETTING – Menu 1



1. Area: Press to choose Europe, America, S.America
2. Language: Press to choose English /Espanol
3. Illumination: Turn on this button , when turn on the illumination, the screen darkens; Turn off this button, when turn on the illumination, the screen will not darken;
4. System tone: Choose to turn on or turn off the key sound.
5. Default volume: Press to set the volume of each boot.
6. EULA: If turn on , will prompt the user agreement; if turn off , will not prompt the user agreement.

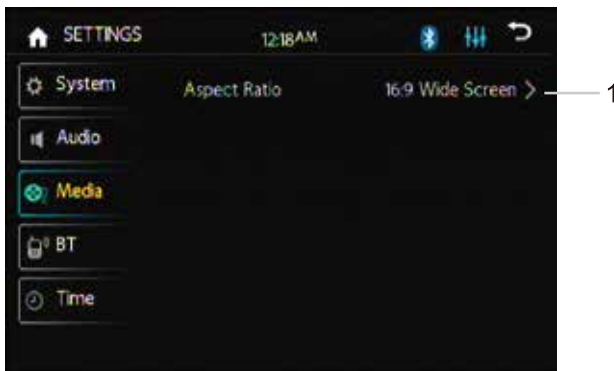
ACCESS SETUP INTERFACE

AUDIO SETTING Menu-2

1.EQ:Press to enter into EQ set up menu



MEDIA SETTING-Menu 3



1.Aspect Ratio: Press to select 16:9 wide screen or 4:3 pan scan

ACCESS SETUP INTERFACE

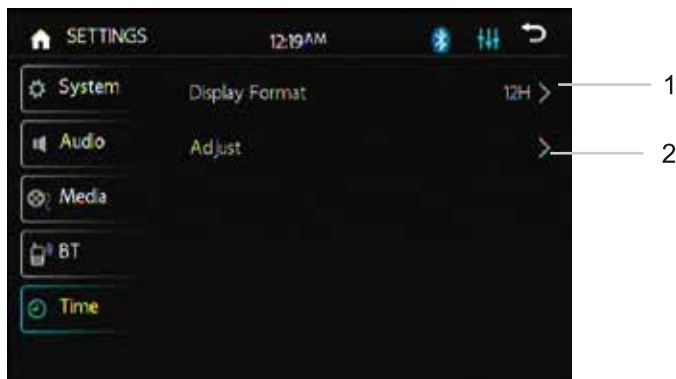
BT SETTING-Menu 4



1. Bluetooth: Turn on and turn off of bluetooth.
2. Name: Default Bluetooth name for this unit: Boss Audio BV9370B
3. Pin Code: Default password "0000", and can be changed by yourself click "0000". When the mobile phone connects with the unit bluetooth, need enter the pin code to connect .
4. Auto Connect: Turn on this button ,if phone bluetooth is turned on , will connect device automatically.
5. Auto answer: Turn on this button ,when there is an incoming call, will answer automatically
6. Auto loading phonebooks: Turn on this button, the unit will auto loading the phonebooks.
7. Call volume: when turn on, can adjust the volume in the call; after turning off the ACC, the Bluetooth volume has the memory of the last tone; when turn off , will use the default volume .

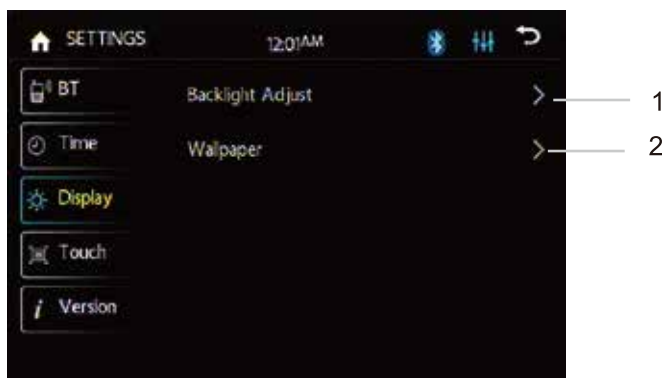
ACCESS SETUP INTERFACE

TIME SETTING –Menu 5



1. Display format: Press to set time mode: 12H /24H
2. Adjust: Press to adjust the time Hour /Minute.

DISPLAY SETTING –Menu 6



ACCESS SETUP INTERFACE



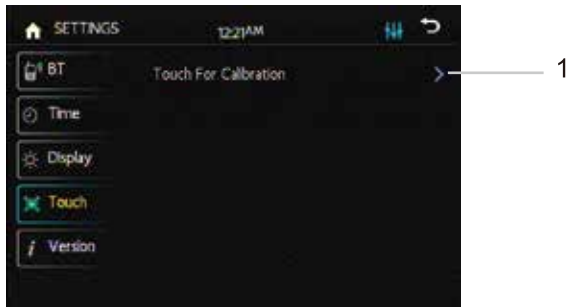
1. Backlight Adjust:

a. Adjust screen brightness under normal condition

b. Adjust screen brightness when turn on the illumination.

2. Wallpaper: Touch to set wallpaper.

TOUCH SETTING –Menu 7



1. Touch for Calibration: Press to calibrate the accuracy of touch screen

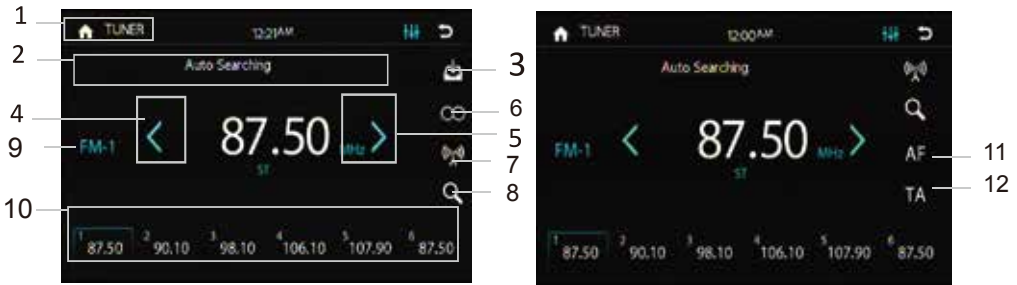
VERSION SETTING –Menu 8

Show the software version information.



System reset: Press to restore the factory setting.

TUNER OPERATION



1. Touch to go back to the home page
2. Show automatic search or manual search
3. Press to do automatic forward search, press again to pause search.
4. Long press to manual search, long press again to automatic search , short press to backward automatic search.
5. Long press to manual search, long press again to automatic search , short press to forward automatic search.
6. Press to turn on or turn off Stereo.
7. Press to choose local, short-range broadcast
8. Press to automatic search the last six frequencies which saved.
9. Press to choose FM / AM
10. Press to select the preset frequency, long press to save the current radio frequency.
11. AF(Auto Frequency): Touch the button to turn the AF function on/off. AF function is turned on, When the received station signals become weak, the radio will automatically fine-tune to other frequencies. When receiving an emergency announcing, the screen will display warning message.
12. TA(Traffic Announcement)
ON: When the traffic station is turned on, the radio will automatically search for traffic stations.
OFF: Re-press [TA] button to close TA function. In other modes, traffic announcement will automatically switch to radio mode, after the traffic announcement is completed, it will automatically switch to the previous mode.

PHONE-BLUETOOTH OPERATION

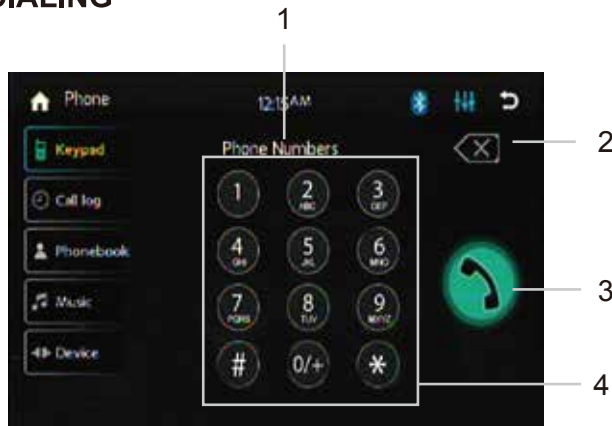
BLUETOOTH OPERATION MENU

Click the phone icon to enter the bluetooth function interface:



1. keypad: Press to see the dialing keypad ,users can dial number, then call out.
2. Call log: Press to see the Bluetooth call history.
3. Phonebooks: Press to see the Bluetooth Phonebooks.
4. Music:Press to enter Bluetooth music.
5. Device: Press to see the Bluetooth pairing device name .

BLUETOOTH DIALING



- 1.Show the number you entered in .
- 2.Delete the wrong number
- 3.Touch to call out.
- 4.Number key area.

PHONE-BLUETOOTH OPERATION

BLUETOOTH CALL



1. Press to hang up the phone call
2. Press to mute or un-mute mic.
3. Touch to select talk through phone or through Bluetooth.

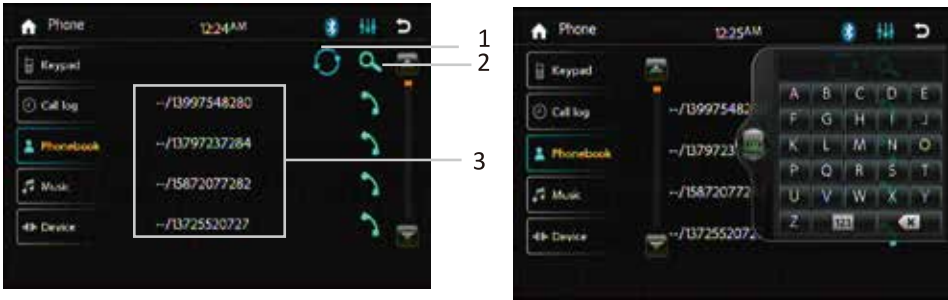
BLUETOOTH PHONE CALL LOG




1. Click to sync phonebook.
2. Touch to show missed calls.
3. Touch to show the dialed phone number.
4. Touch to show the received phone number.

BLUETOOTH CALL LOG

BLUETOOTH PHONEBOOK



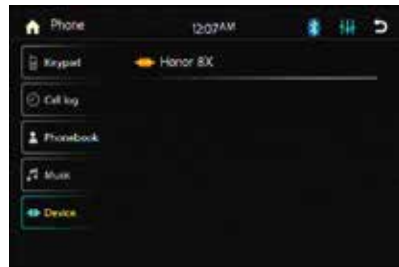
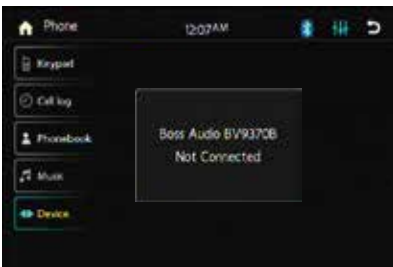
1. Touch to sync phonebook
2. Touch  to show the key, then can enter name to search phone number
3. Contact list

BLUETOOTH MUSIC

1. Previous song
2. Play/Pause
3. Next song



BLUETOOTH PAIR DEVICE



1. Disconnect the phone.
- 2 Connect the phone.

USB/SD PLAYBACK-AUDIO/VIDEO/PHOTO

AUDIO



1 2 3 4 5 6

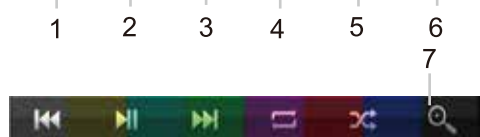
7 8 9 10 11

- 1.Touch to enter USB/SD menu
- 2.Previous song
- 3.Play/Pause
- 4.Next song
- 5.Touch to enter repeat mode
- 6.Touch to select Random play/sequence play
- 7.Go back to previous menu
- 8.Press to select to show music file
- 9.Press to select to show image file
- 10.Press to select to show video file
- 11.Press to select display view format

PHOTO



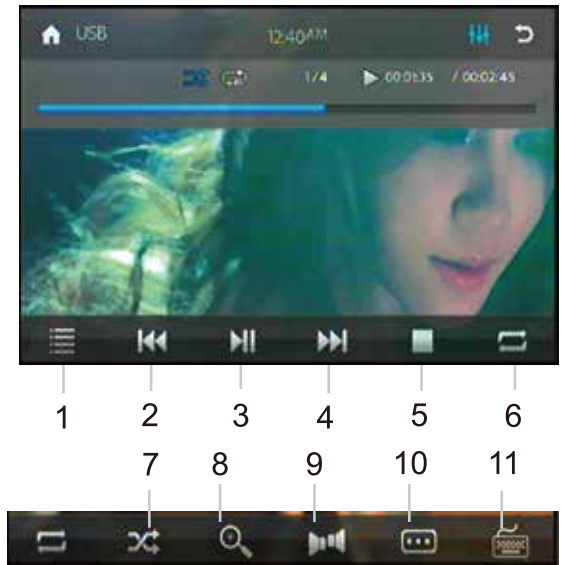
- 1.Press to enter file list
- 2.Previous picture
- 3.Play/Pause
- 4.Next picture
- 5.Repeat mode select
- 6.Random play
- 7.Zoom out/in the present picture



USB/SD PLAYBACK-AUDIO/VIDEO/PHOTO

VIDEO

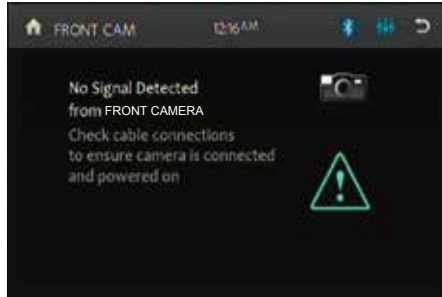
- 1.Press to enter file list
- 2.Previous file
- 3.Play/Pause
- 4.Next file
- 5.Stop
- 6.Repeat mode select
- 7.Random play
- 8.Zoom out/in the present picture
- 9.Select left channel / right channel / stereo
- 10.Show subtitles if the file has subtitles
- 11.Keypad: enter number to select file



NOTE: When properly installed, a picture video cannot be displayed unless the parking brake is applied. If the parking brake wire is not installed correctly, the following message will appear.



FRONT CAMERA



- 1.Touch Front CAM icon to enter front camera view.
- 2.In the front camera view, it will switch to the rear camera view, when you are reversing the car, and back to last source after reversing the car.

REAR CAMERA



- 1.Touch Rear CAM icon to enter rear camera view.
- 2.The rear view video signal can display automatically when you are reversing the car, and back to last source after reversing the car.

AUX IN: External audio input function

Connect the audio device to the unit by the 3.5mm jack in front of the panel and touch AUX INPUT icon.



TROUBLESHOOTING

Table 1:General problem

problem	Casue	Corrective Action
Unit does not power on	Radio fuse blown	Install new fuse with right rating
	Car battery fuse blown	Install new fuse with right rating
	Illegal operation	Press the Reset button
Screen touch is insensitive	Place of touch screen is offset	Go to setup menu and set the calibration
No audio output	Improper audio output connection	Check wiring and correct
	VOLUME 0	Turn up the volume
	Improper MUTE connection	Check wiring and TEL MUTEconnection
Low audio output	Volume set too low	Increase the volume
	Heavily biased volume balance	Check and adjust the channel balance to the center position
Poor sound quality or distortion	Speaker power rating not compatible with unit	Connect proper speakers
	Speaker is shorted	Check speaker contrast

Table 2:Tuner problem

problem	Casue	Corrective Action
Weak station searching	Auto antenna is not fully extended	Connect the auto antenna properly
	Local function is activated	Turn Local function OFF

TROUBLESHOOTING

Table 3:TFT monitors problem

problem	Casue	Corrective Action
NO image	Incorrect connection to parking wire	Check wiring and correct
	Parking brake is not engaged	Stop vehicle in safe place and parking brake ON
Flashing image or interference appears on screen	Improper video signal connections	Check wiring and correct
Improper image, improper height/width radio display	Improper aspect ratio setup	Use correct aspect ratio setting