



BV9986BI

USER MANUAL

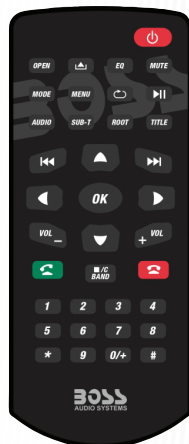
BLUETOOTH® | DVD/MP3/CD

AM/FM RECEIVER

FEATURING MOTORIZED 7" (178 mm)

WIDESCREEN TOUCHSCREEN

DIGITAL TFT LCD MONITOR



**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.	BV9986BI		
General features	Fixed front panel 7 inch TFT screen FM/AM Radio DVD fully compatible with DVD/VCD/CD/MP3/MPEG4/JPEG Front USB, Rear USB&SD reader support Built-in Bluetooth AUX Input AV Input AV Output Rear view camera Front, Rear and Subwoofer Pre-Amp.Output 4*85W AMP power output maximum Steering wheel control		
TFT screen	800*480pixel		
SD	32G		
Working power	12V		
Max Output	4*85W		
Working Temperature	-20°C~70°C/-4°F~158°F		
Size	7"*3.94"*6.67" (178*100*169.5mm)		
Weight	1.92kg/4.23lbs		
Compatible Media			
Picture	JPG/JPEG/BMP		
Disc	CD/CD-R/CD-RW/DVD/DVD±R/DVD±RW		
Audio file	MP3/WAV		
Video file	Format	Video code	Audio code
	.MPEG1	MPEG1	MP2
	.MPG	MPEG2	MP2

SAFETY 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 the device will be damaged and/or the service life will be shortened.
- ❗ Do not replace the fuse without the guidance of qualified personnel or the device may be damaged and/or catch 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 normal device operation, 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 connect 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

Below are the photos with the accessories included in the box.

Remote Control



Cable



Mounting Strap/Release Key /Mounting Sleeve



Mounting Hardware



Screw
PM4*5mm 4pcs



Flat gasket
M5Φ10X1.0mm
2pcs



Hex nut
8.0 mmΦ5.0X1.0mm
1pc

USB switching cable



Screw
PA5*18mm 1pc



Spring Washer
1pc

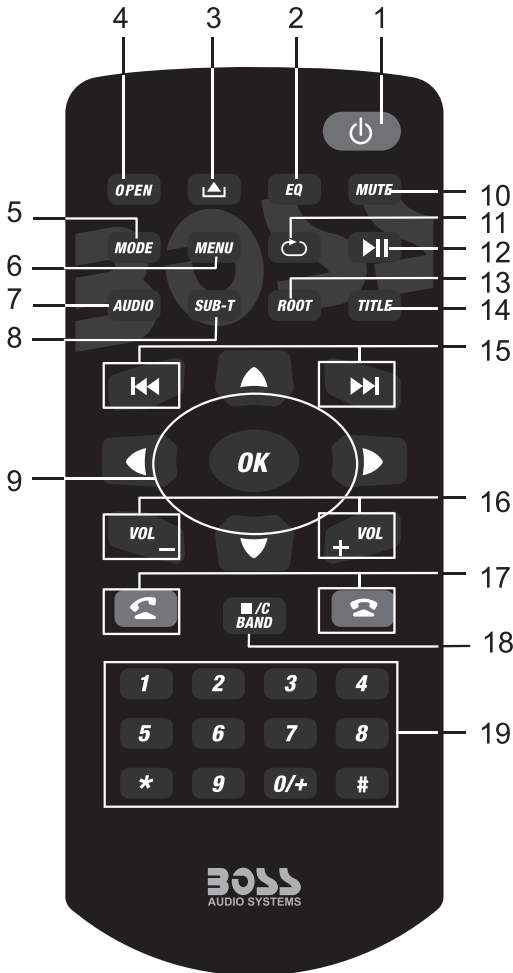


Rear Chassis
Support Bolt
M5x23mm 1pc



Rubber Support
Boot 1pc

REMOTE CONTROL OPERATION



1. TURN ON/OFF

Press to turn on or turn off the unit.

2. EQ mode

Press to set EQ mode.

3. EJECT Key

Press to eject the Disc in the unit. And press again to load the Disc if you do not take out it.

4. OPEN key

Press to make the screen stretching out or go back.

5. MODE key

Press to change mode of the unit.

REMOTE CONTROL OPERATION

6.MENU key

Press Menu to return to the home menu.

7.Audio KEY

Press to change switch language in DVD mode, and switch left, right or stereo in VCD mode.

8.SUBTITLE Changing Key

Switch the subtitle during playing if the Disc have multiple subtitle.

9.Direction and OK key

If there is a Disc with root list menu,press direction key to move up/down/left/right, and press OK to confirm.

10.MUTE key

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

11.REPEAT key

Under DISC/SD/USB mode, press to set the repeat mode.

12.Play/Pause

Press to switch play pause.

13.ROOT key

DVD playing mode, press to go into root list menu; VCD playing mode, press to turn on/off PBC function.

14.TITLE key

Under DVD playing mode, press to enter into title list menu.

15.Under Disc/ SD/USB mode, press to choose previous/next song.

Under music list menu, press to choose PRE/NEXT page. Under RADIO mode, press to search frequency forward/backward.

16.VOLUME UP/DOWN key

Press to adjust volume up and volume down.

17.Receiving calls/call out; hang up.

18.STOP/C/BAND

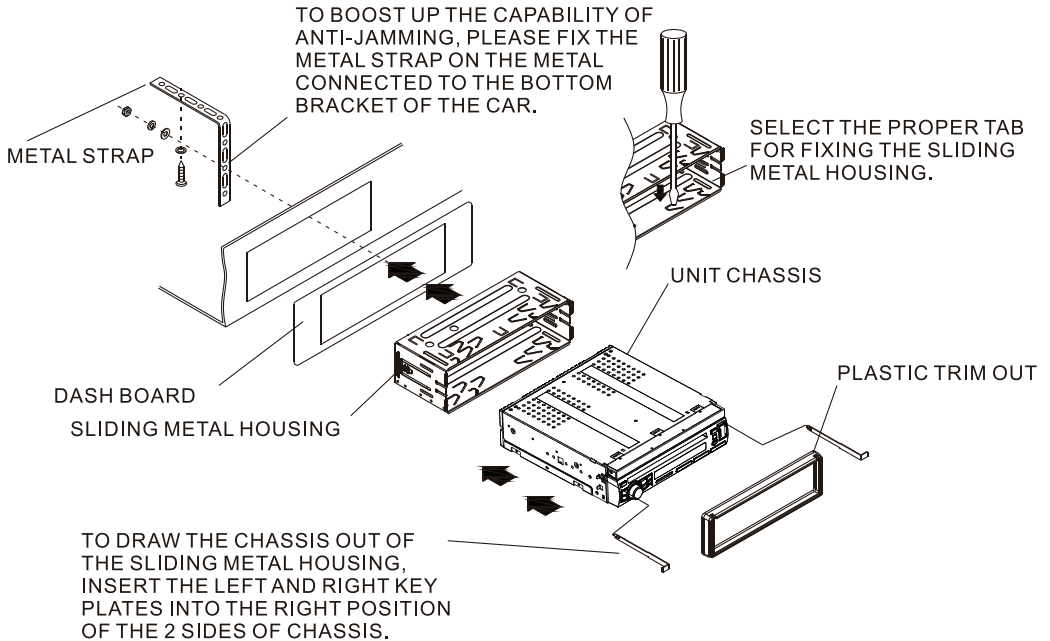
In disc playing mode, press to STOP, press "ok" to start; In radio mode press to change band between FM1/FM2/FM3/AM1/AM2; Press to enter RADIO mode, except DVD/USB/SD/PHONE/STREAMING mode. Delete wrong number when in phone mode.

19.Number key

Enter phone number in phone mode.

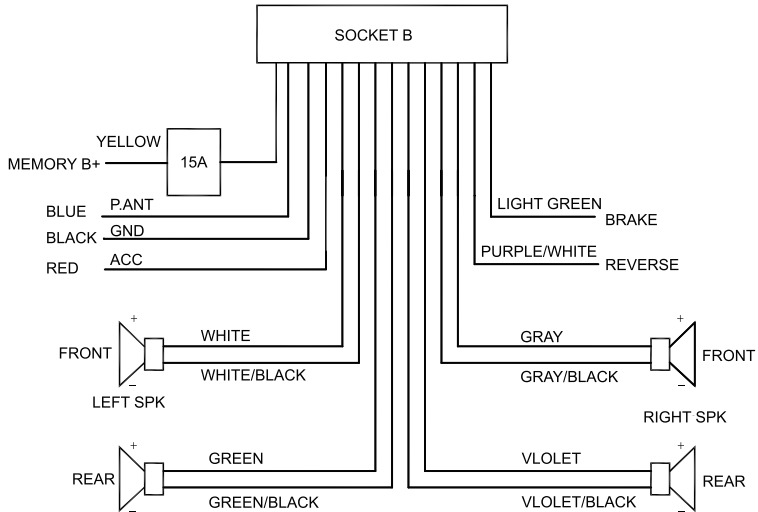
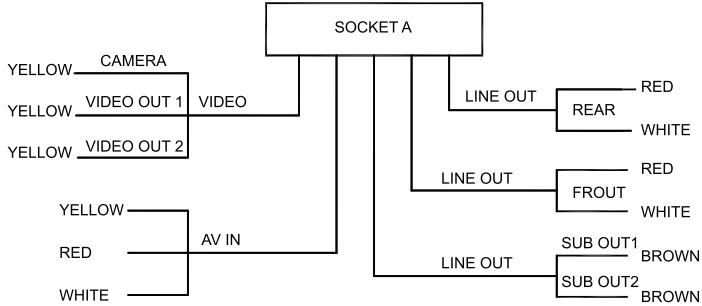
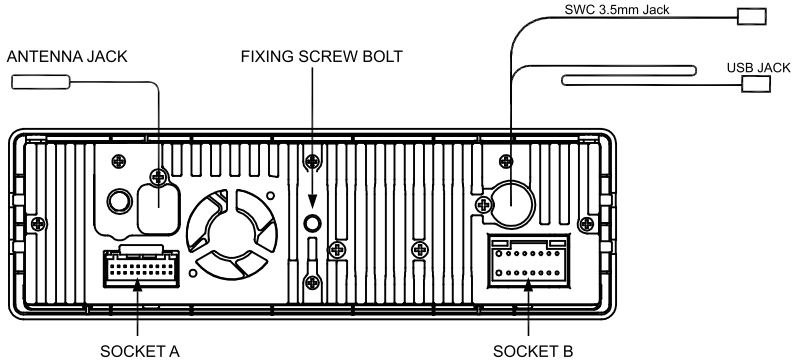
UNIT INSTALLATION

THE UNIT IS INSTALLED TO BE AN ANTI-THEFT ONE. THE CHASSIS OF THE UNIT WEARS A SLIDING METAL HOUSING. PLEASE DO THE CONNECTION OF THE POWER, SPEAKERS AND ANTENNA ACCORDING TO THE REQUIREMENT OF THE INSTRUCTION BOOK , THEN INSTALL THE SLIDING METAL HOUSING IN THE CAR AS FOLLOWS.

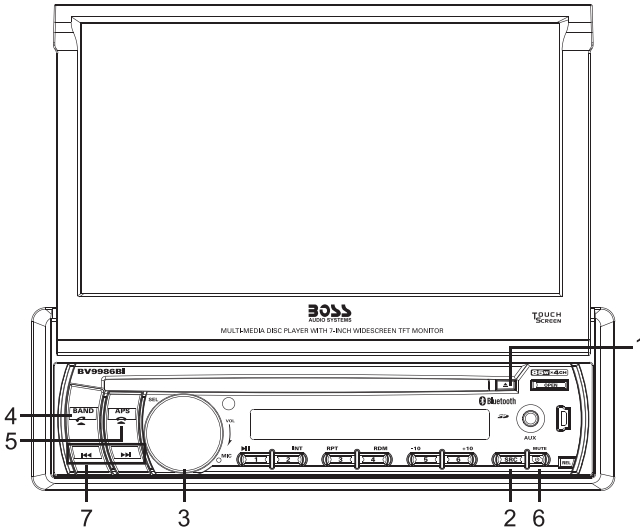


WIRES CONNECTION DESCRIPTION

The Description of the Input/Output Interface of the Rear Cabinet



PANEL INTRODUCTION



1. Eject key

When there is a Disc in the unit, press EJECT to remove the Disc. And press again to load the Disc if you do not take out it.

2. SOURCE key

Press to select system mode (RADIO/DISC/AUX IN/PHONE /STREATNG/USB/SD/AV INPUT) .

3. VOLUME UP/DOWN

Rotate to adjust the output volume UP or DOWN.

4. BAND & Talking Calls

Under RADIO mode, touch to change band between FM1/FM2/FM3/ AM1/AM2. Taking the phone calls coming from bluetooth.

5. APS & HANG UP

Under APS mode, short press for PS and long for AS. Hang up the phone calls coming from bluetooth.

6. TURN ON/OFF & MUTE

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.

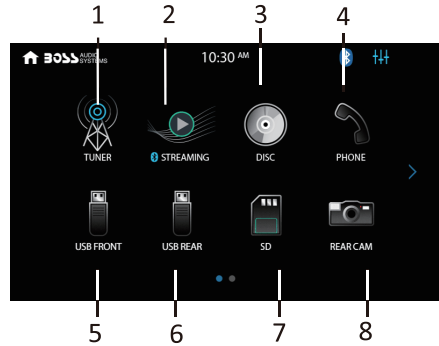
7. ⏪ & ⏩ button

Under Disc/music Video mode, press to choose previous/next song. Under music list menu, press to choose PRE/NEXT music. Under RADIO mode, press to search frequency forward/backward.

MAIN MENU OPERATION INTRODUCTION

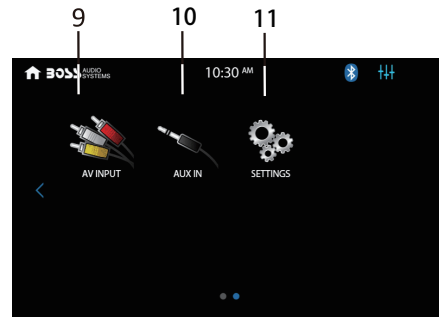
MAIN MENU 1

- 1.Tuner Interface
- 2.Streaming Interface
- 3.DISC Interface
- 4.Phone Interface
- 5.USB FRONT Interface
- 6.USB REAR Interface
- 7.SD Interface
8. Rear Camera Interface



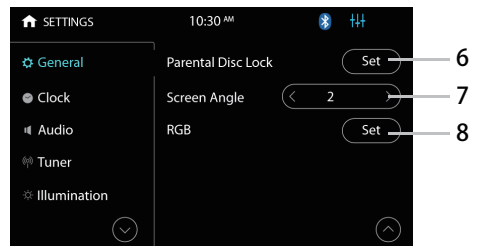
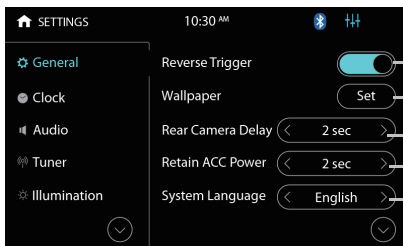
MAIN MENU 2

- 9.AV INPUT Interface
- 10.AUX IN Interface
- 11.Setting Interface



There are six Setting Menus

GENERAL SETINGS-Menu 1



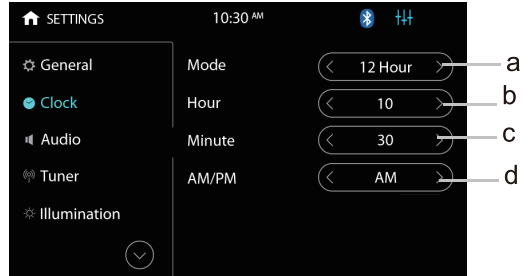
- 1.Reverse Trigger: Turn on if you have a rear view camera. Turn off if you do not have a rear view camera .
- 2.Touch to set wallpaper for the home menu background.
- 3.Rear Camera Delay: Touch to delay trigger of the rear camera view by a set time (1/2/3 seconds or off) when shifting the gear to the reverse position. Due to varying vehicle configuration, the camera view trigger can be delayed to suit the vehicle.
- 4.Retain ACC Power: Select how many seconds to delay shut down of the unit after the vehicle powers down.

ACCESS SETUP INTERFACE

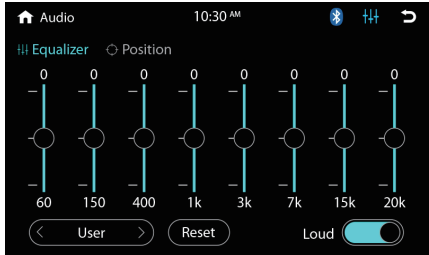
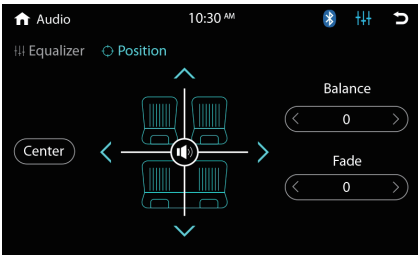
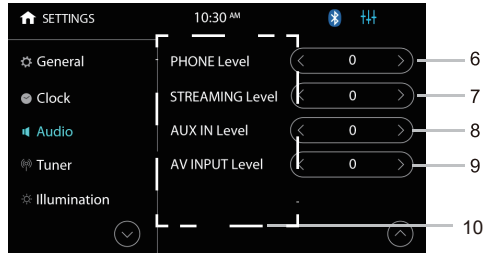
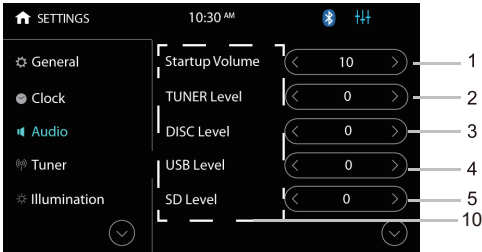
5. Touch System Language to select Spanish/English.
6. Touch to select parental control level.
7. Touch to adjust the screen angle.
8. Touch to adjust the button colors.

CLOCK SETTINGS-Menu 2

- a. Press to set clock mode:
12/24 hr
- b. Press to set hour
- c. Press to set minute
- d. Press to set AM/PM at 12hr mode



AUDIO SETTINGS-Menu 3

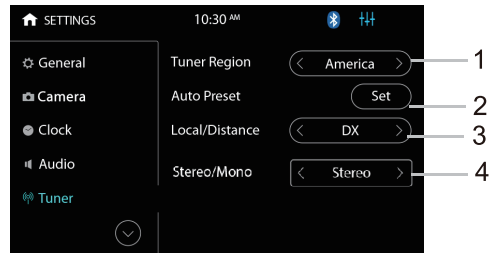


ACCESS SETUP INTERFACE

1. Startup volume: default volume;
 - ①.If the volume at the last shutdown is less than this volume, the volume at the last shutdown will be used when rebooting;
 - ②.if the volume at the last shutdown is greater than this volume, this default volume will be used when rebooting
- 2-9.Press to set preset gain.
- 10.Slide up or down to enter previous functions.

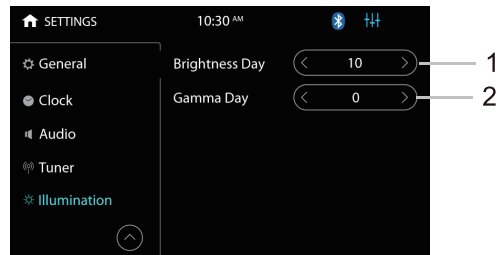
TUNER SETTINGS –Menu 4

1. Select America or EU region you are in to receive radio stations.
2. Perform radio search and store radio stations in each radio band.
3. Select Local to receive strong signal only. Select Distance to receive both strong and weak signals
4. Select Stereo or Mono sound effect.



ILLUMINATION SETTINGS –Menu 5

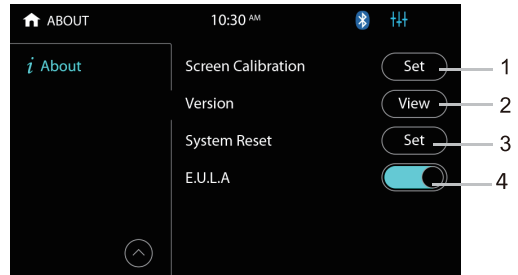
1. Touch to set screen brightness
2. Touch to set gamma brightness




TUNER OPERATION

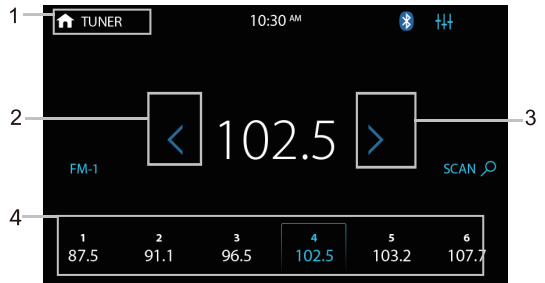
ABOUT SETTINGS –Menu 6

1. Touch to enter the touch calibration interface
2. Touch to view the version number of the machine.
3. Touch to restore the machine to factory status.
4. Touch to select whether it is necessary to display a warning interface when booting up.



TUNER OPERATION

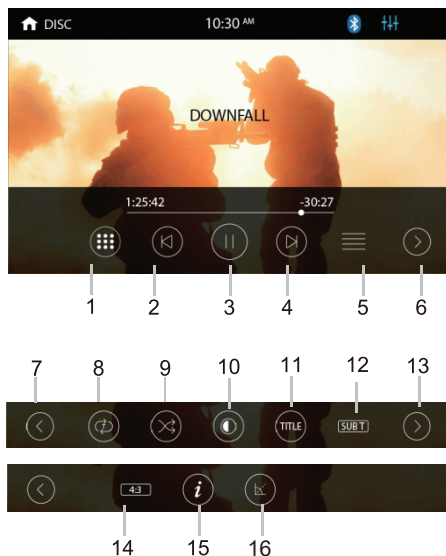
1. Touch  to go back to the home page.
2. Short press to seek backwards; long press to enter manual mode then press repeatedly to adjust the frequency for fine tune.
3. Short press to seek forward; long press to enter manual mode then press repeatedly to adjust the frequency for fine tune .
4. Short press to select the preset station; long press to save the current station.



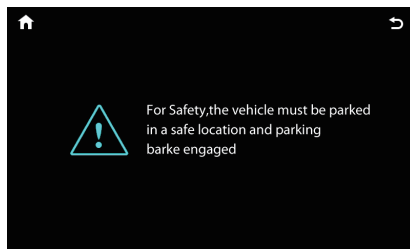
DISC/CD/USB/SD PLAYBACK

DVD MODE OPERATION

1. Touch to select a title/chapter of DVD.
2. Short press to move to the previous chapter; long press to rewind quickly.
3. Touch to playback/pause.
4. Short press to move to the next chapter; long press to fast forward quickly.
5. Touch to enter the DVD root menu.
6. Go to the next page of the menu bar.
7. Go to the previous page of the menu bar.
8. Touch to change the repeat mode in the following sequence:
DVD: repeat all, repeat off, repeat chapter, repeat title.
VCD (PBC off): repeat all, repeat off, repeat single.
9. Touch to change random play mode.
10. Touch to enter the picture settings page.
11. Touch to enter the DVD title menu.
12. Touch to select the subtitle language if the disc is recorded in multiple languages.
13. Go to the next page of menu bar.
14. Touch to switch the picture format between 4:3 and 16:9.
15. Touch to select DVD audio language.
16. Touch to select DVD video angle.



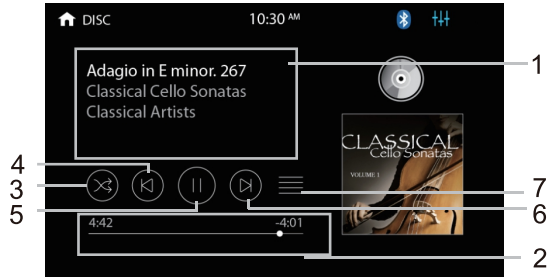
NOTE: When properly installed, a video cannot be displayed unless the parking brake is applied. If the parking brake wire is not installed correctly, a warning message will appear.



DISC/CD/USB/SD PLAYBACK

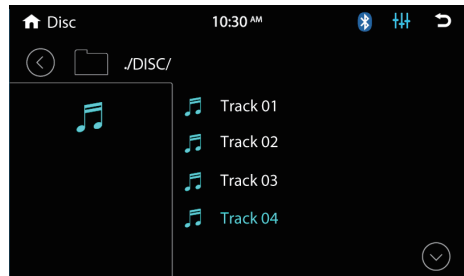
MEDIA PLAYING—CD AUDIO

1. Show the music's ID3 information
2. Time bar: show the total time and playing time of the present song
3. Touch to change play mode: repeat all, repeat directory, repeat single, sequential play and shuffle play
4. Touch to return to previous chapter
5. Touch to playback/pause
6. Touch to go to the next chapter
7. Touch to enter file list page



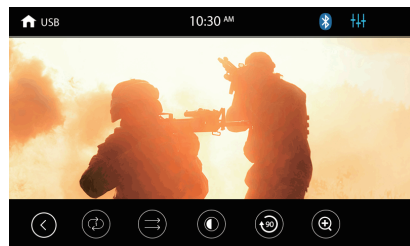
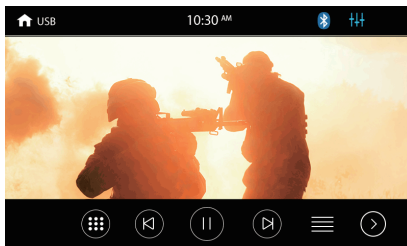
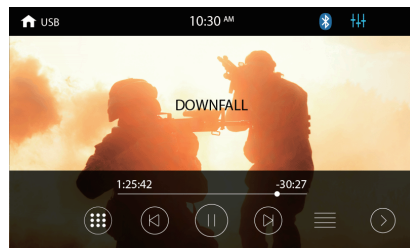
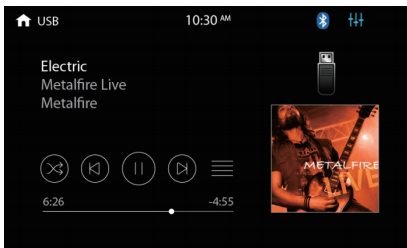
CD SOURCE MENU

Touch the SOURCE MENU (ICON 5) to access the CD track menu to view or change tracks manually. Touch again to return to playback.



USB/SD MUSIC/VIDEO/PICTURE

Press USB/SD in the main menu. The music menu is similar to the disc music menu except there is more ID3 information on it (such as song name & singer).



BLUETOOTH OPERATION

BLUETOOTH OPERATION MENU

Click the phone icon to enter the Bluetooth interface.

1. Bluetooth setting menu:

a. Turn on and off Bluetooth.

Turn on and the display loops between the gray Bluetooth icon, the white Bluetooth icon. The icon will turn blue when a phone is paired.

b. Connect automatically.

c. Answer automatically.

d. PIN code: The default password is "0000" and can be changed by clicking "0000".

e. Default Bluetooth name for this unit:

Boss Audio BV9986BI

2. Function area:

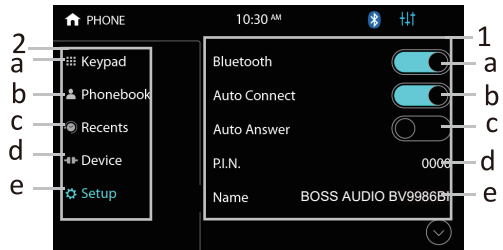
a. Click to see the dialing keypad. Users can dial phone numbers and make calls.

b. Click to see the Bluetooth phonebook menu.

c. Click to see the Bluetooth call history.

d. Bluetooth pairing interface.

e. Bluetooth setting menu.



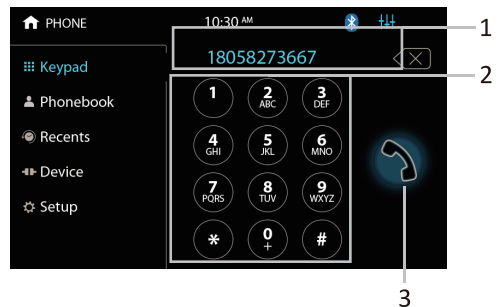
BLUETOOTH DIALING

1. Shows the number dialed in.

Press  to delete wrong numbers.

2. Key area.

3. Touch to call out.



BLUETOOTH CALL

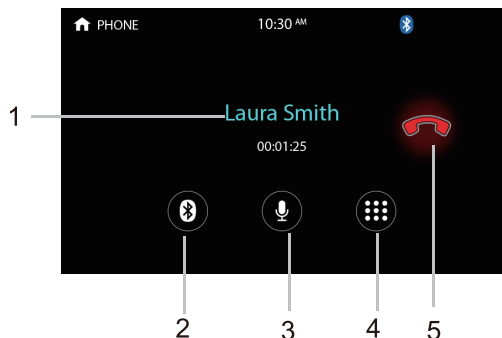
1. Show contact name.

2. Touch to select talk through phone or through Bluetooth.

3. Touch to mute or un-mute mic.

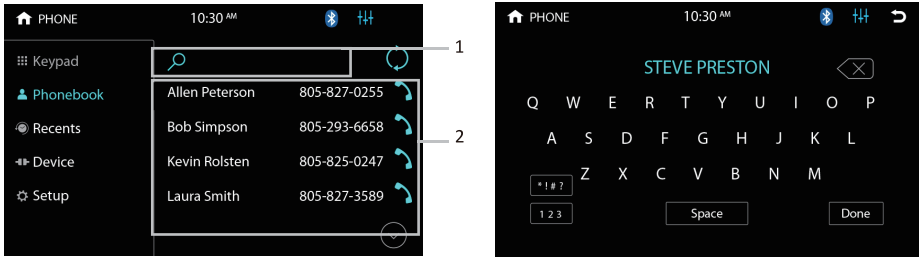
4. Keypad area.

5. Press to hang up the phone call.



BLUETOOTH OPERATION

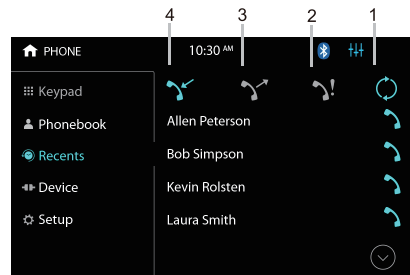
BLUETOOTH PHONEBOOK



1. Touch to search for a name or phone number.
2. Contact list.

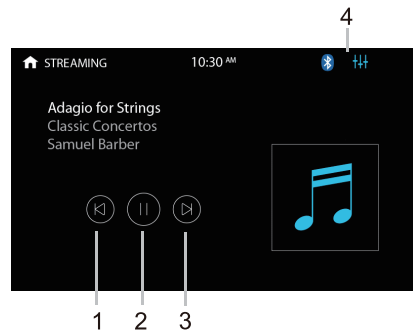
BLUETOOTH PHONE CALL HISTORY

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.

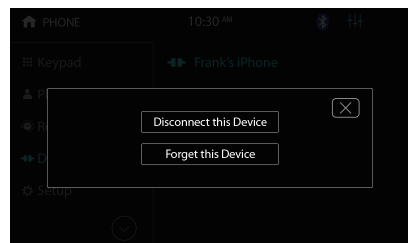


BLUETOOTH MUSIC-A2DP

1. Previous song.
2. Play/pause.
3. Next song.
4. Enter EQ setting menu.



BLUETOOTH PAIR DEVICE



PHOTOS

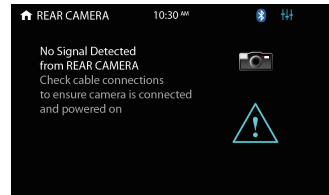
PHOTOS

1. Keypad: enter number to select file.
2. Previous pic.
3. PLAY/PAUSE: TOUCH TO PLAY/PAUSE: Touch to start picture playing mode. Press again to pause. During picture playing mode, each picture will be played for 5 seconds and then automatically move to the next if the PLAY/PAUSE button is not pressed.
4. Next picture.
5. List: Press to enter file list.
6. Go to the next page of the menu bar..
7. Go to the previous page of the menu bar.
8. Select repeat mode.
9. Random play.
10. Touch to enter the video adjust page.
11. Turn right 90 degrees.
12. Zoom out/in the present picture.



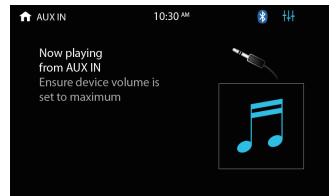
REAR CAMERA:

Rear view function. The rear view video signal will display automatically when you are reversing the car and will switch back to its last source when the user is finished reversing the car.



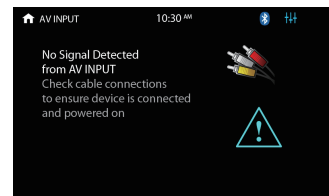
AUX IN:

External audio input function. Connect the audio device to the unit by the 3.5mm jack in front of the panel and touch AUX IN icon.



AV INPUT:

External video and audio input function. Connect the video and audio device to the unit by the RCA jacks and touch AV INPUT icon.



TROUBLESHOOTING

Media displayed	Cause	Corrective Action
Loading	Disc is being read	
No Disc/Bad Disc	Disc is dirty	Clean the disc
	Disc is upside down	Insert Disc in right way
Unknown Disc	Unsupported Disc type	Check the disc and change
Error	Illegal mechanism operation	Press EJECT for 5s to reset loading mechanism
Problem	Cause	Corrective Action
Unit will 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 uncalibrated	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
Low audio output	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 short circuit	Check wiring
Weak station searching	Auto antenna is not properly connected	Connect the auto antenna properly
	LOCAL function is activated	Turn LOCAL function OFF

TROUBLESHOOTING

Problem	Cause	Corrective Action
No image	Incorrect connection to parking wire	Check wiring and correct
	Prking brake is not engaged	Stop vehicle in safe place and set 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
Cannot insert Disc	Disc already inside unit	Eject the current Disc and insert the new one
Loss of audio, music stops	Disc is scratched or warped	Use a new one in good condition
	Disc is dirty or wet	Clean the Disc



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3451 Lunar Court - Oxnard, CA 93030
www.bossaudio.com
805-751-4853 Customer Service
Tech Support: www.bossaudio.com/support



0320

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