SSL®

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SD726MB

BLUETOOTH® • DVD/MP3/CD AM/FM RECEIVER

SSL®

USER'S MANUAL

SD726MB

BLUETOOTH® • DVD/MP3/CD AM/FM RECEIVER
FEATURING 7" (178 mm) MOTORIZED WIDESCREEN
TOUCHSCREEN DIGITAL TFT LCD MONITOR

Bluetooth®

SD™

To ensure safety while driving

and to comply with laws,

drivers should not watch video or

operate the video device while driving.

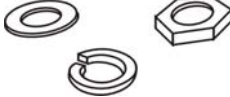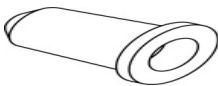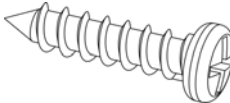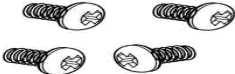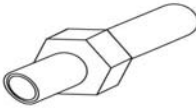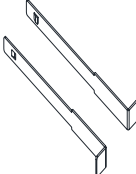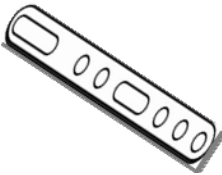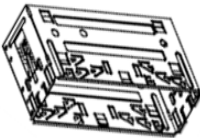**Congratulations on your purchase of a SSL Multimedia Receiver. It has been designed, engineered and manufactured to bring you the highest level of performance and quality, and will offer you years of entertainment pleasure.**

Content

Accessories

Package contains the following accessories for installation and operation of the unit.

(1) Washer, Spring Washer, M5 Nut	1		(5) Rubber Cushion	1	
(2) Screw	1		(6) Screw	4	
(3) Bolt	1		(7) key	2	
(4) Mounting Strap	1		(8)Half-sleeve	1	

Remote Control

Power Cable

User Manual
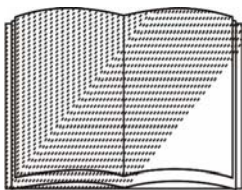
Panel bag

Unit Installation

Note
Before starting installation of the unit, make sure the wiring is connected properly.
Use only the parts provided with the unit to ensure proper installation.
The use of unauthorized parts may cause malfunction.
Install the unit where it does not get in the driver's way and will not injure the passenger in case there is a sudden stop, like an emergency stop.

◆ INSTALLATION （Figure 1）
◆ Insert the unit into dash-board hole.
◆ If necessary, place the mount strap at the rear of the unit and fix it with provided washer as figure 2.
◆ Push the unit into the Half Sleeve until you hear a click sound
◆ Place Trim Ring over the unit and installation is completed as figure 3. (Some vehicle may not need Trim Ring)

figure 3

Figure 2

Dash Board

Figure 1
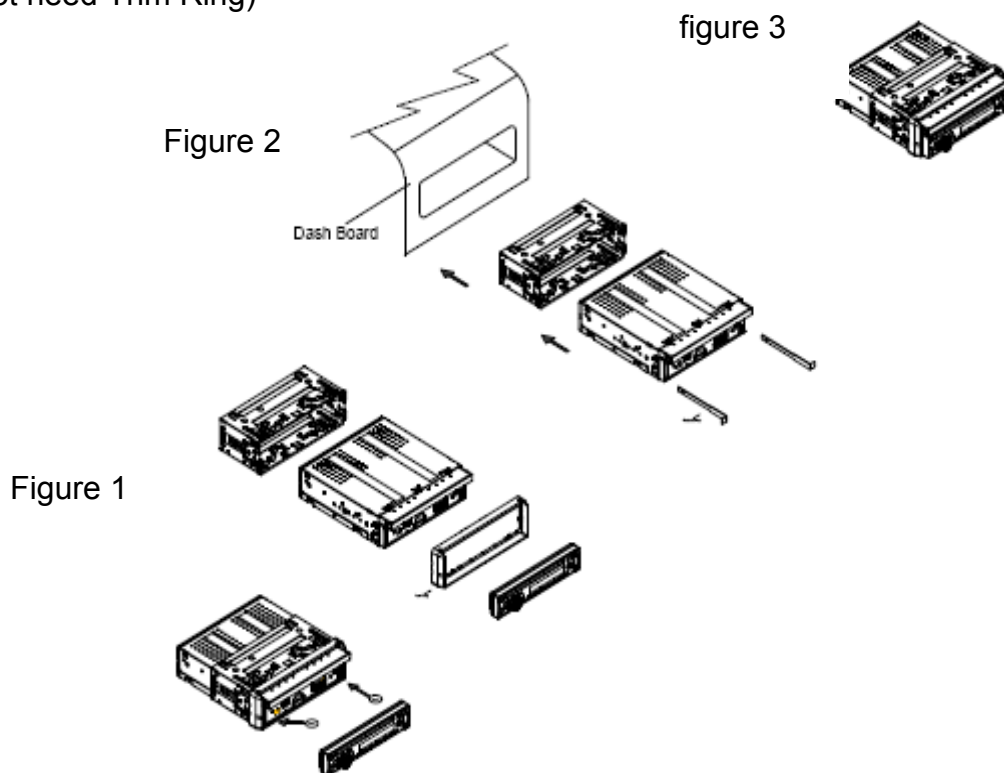
Wire Connection

The Description of the Input/output Interface of the Rear Chassis

SWC

Radio Antenna

USB

L-OUT FL White
L-OUT FR Red
L-OUT RL White
L-OUT RR Red
Subwoofer 1 Brown
Subwoofer 2 Brown
AUX IN L White
AUX IN R White
AUX Video in   Yellow
Camera in   Yellow
Video out 1   Yellow
Video out 2   Yellow

Light Green (Parking sensor wire)
Red (Ignition wire)
Yellow (Battery wire)
Black (Ground wire)
Purple / White (Reverse sensor wire)
Blue (Antenna control wire)
Orange (Illumination+12V)

Purple/Black — To rear right speaker

Green/Black — To rear left speaker

Gray/Black — To front right speaker

White/Black — To front left speaker

Parking Brake Connection

In order to view videos, the parking brake wire must be connected, and the vehicle is parked.

Parking Brake wire from car DVD player (Light Green)

Parking brake indicator Light

Parking Brake

Parking Brake switch
(Activated by parking brake)

Car Battery

To metal body part or chassis ground of your car
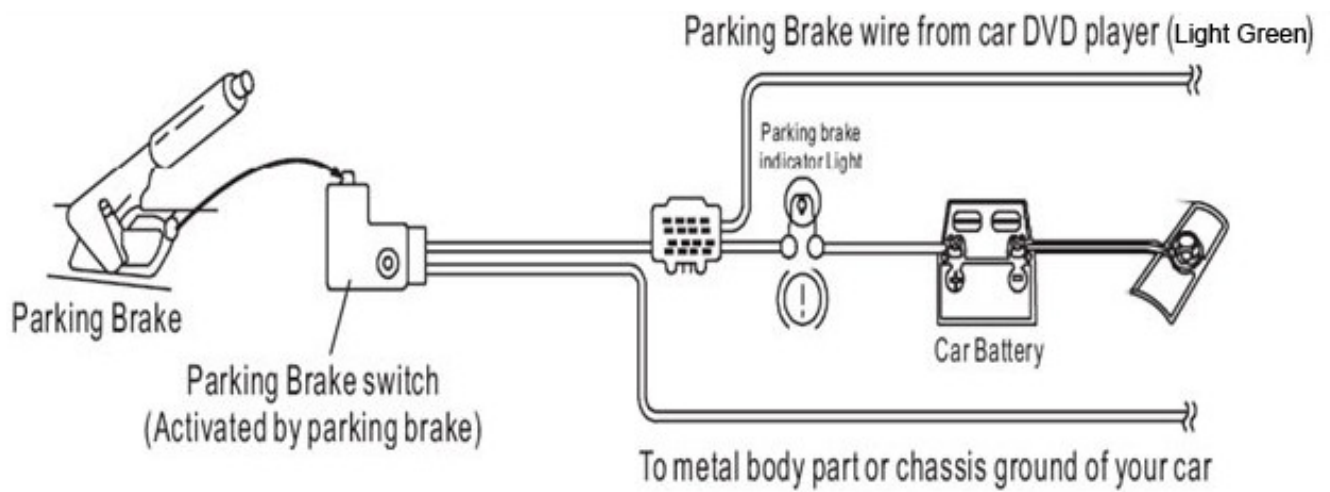
Connecting the reversing line to tail light on the car

To reversing line

Taillight line

To taillight

To Car Battery

Taillight
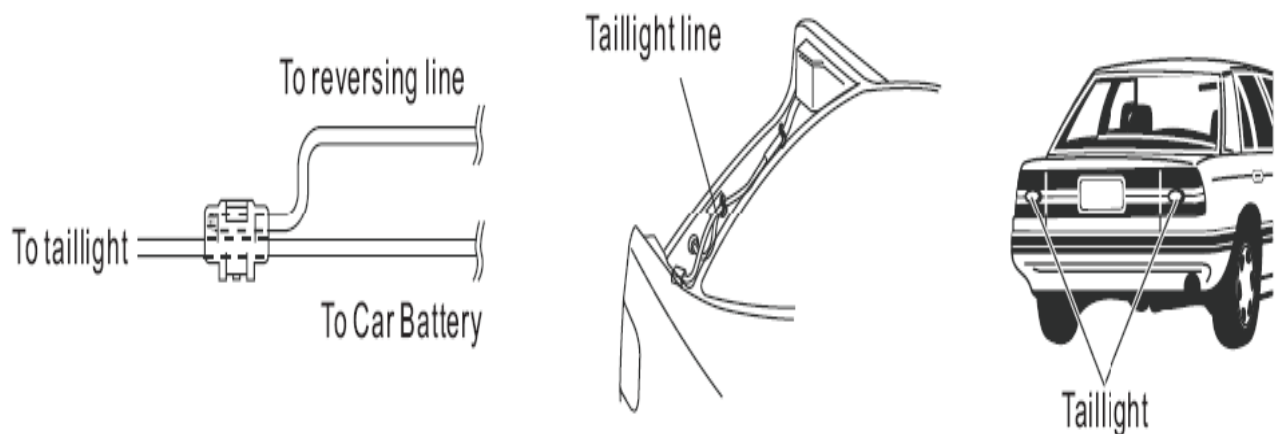
Speaker Connection

Connect the speakers according to the following diagram, incorrect connections may damage the unit or   your speakers. Do not chassis ground the speakers. Always observe correct polarity.

Correct connection

Left front - Right front | Left rear - Right rear

Incorrect connections
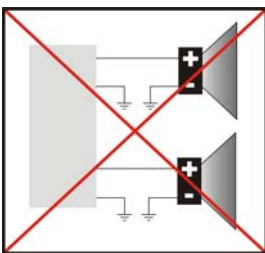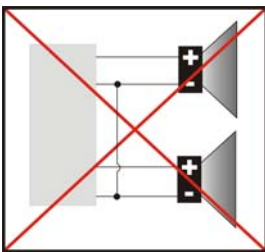
Button Description
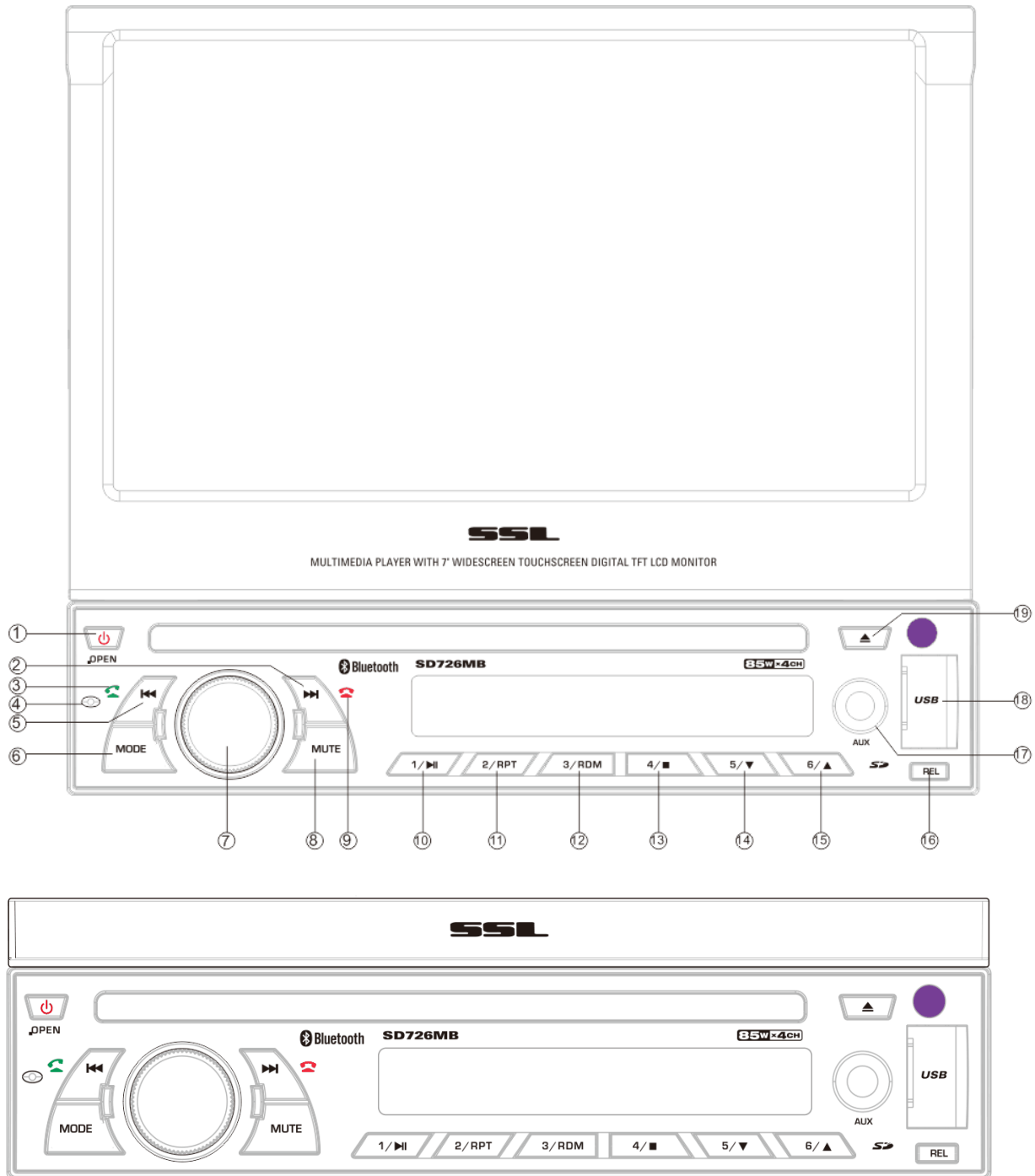
1.Open button
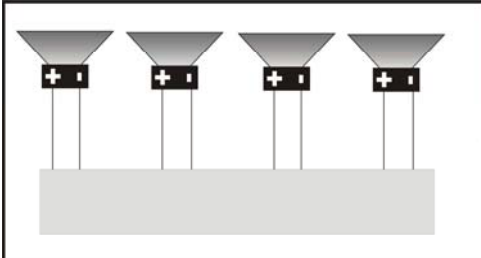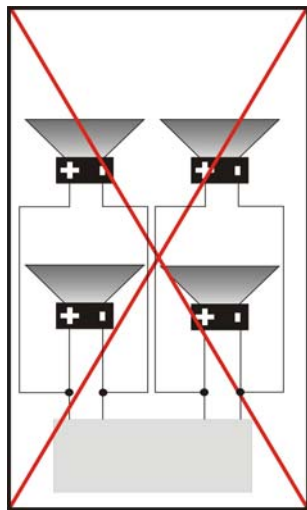Press the button to open/close the screen.
Press the button for short moment to turn on power,and long press it to turn off power.
2 /9 .Fast Forward /Hang up button
In Radio mode, press the button to select station upward.
In Bluetooth mode, press to reject a coming call.
3/5 . dial /Fast Forward button
In Radio mode,press the button to select station backward.
In Bluetooth mode, press to hang up call .

Button Description

4.MIC input

Bluetooth microphone input socket

6. Mode Button

When the unit is power on ,Repeat press this button can switch to different function mode as follow picture.

7 .Rotate Button

Press the button to increase or decrease volume level

8. Mute Button

Press the button will briefly to mute

10. Number Button1

In Radio mode,press this button to hear radio preset

In Disc playback mode,press this button to turn on/off TFT LCD display.

11. Number Button2

In Radio mode,press this button to hear radio preset

In Disc playback mode,press this button to repeat the current track indefinitely.

12. Number Button3

In Radio mode,press this button to hear radio preset

In Disc playback mode,press this button to play Tracks on the disc in random order.

13. Number Button4

In Radio mode,press this button to hear radio preset

In Disc playback mode,press this button for to stop playback.

14. Number Button5

In Radio mode, press this button to hear radio preset.

In playback mode,press this button to adjust the angle of screen.

15. Number Button6

In Radio mode, press this button to hear radio preset.

In playback mode,press this button to adjust the angle of screen.

16.RELEASE Button

Press this button to release the panel.

17. AUX

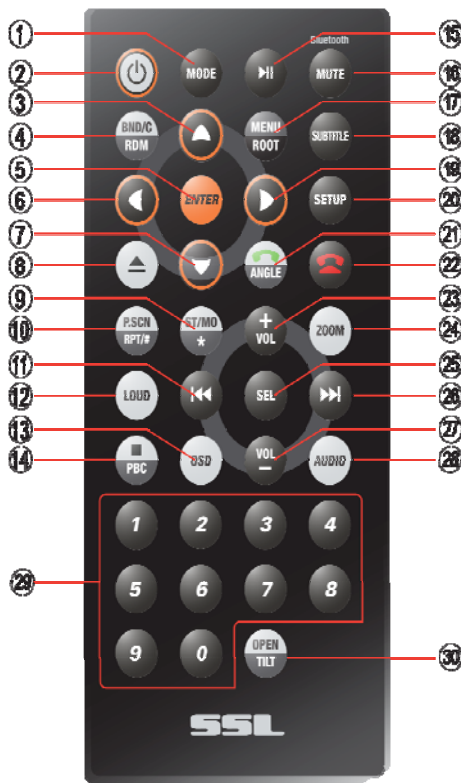Put the Aux plug into the Aux-In jack which was marked on front panel

18. USB

Insert a USB into this slot and the unit will automatically start reading and playback

19.Eject

When there is a disc in the unit,press the button to eject the disc.

Remote Control

1: MODE
2: POWER
3: UP
4: BAND/RANDOM/CLEAR
5: ENTER
6: LEFT
7: DOWN
8: EJECT
9: STEREO/MONO/*
10: P.SCAN/REPEAT/#
11: SEEK-/BACKWARD
12: LOUD
13: STOP/PBC
14: OSD
15: PLAY/PAUSE
16: MUTE/BLUETOOTH
17: MENU/ROOT
18: SUB TITLE
19: RIGHT
20: SETUP
21: DIAL/ANGLE
22: HANG UP
23: VOLUME UP
24: ZOOM
25: SELECT
26: SEEK+/FORWARD
27: VOLUME DOWN
28: AUDIO
29: NUMERIC KEY
30: OPEN/TILT

1. MODE button

Press it to select the mode: Radio, Disc (if there is a disc in unit), USB (if there is a USB device in the unit), SD (if there is a SD/MMC card in the unit), Bluetooth, Aux-In

2. POWER button

Power on or power off.

3. UP button

Press it to move the cursor up.

4. BAND/RDM/CLEAR button

In Radio mode, press to change radio band in sequence of FM1 → FM2 → FM3 → AM1 → AM2; In DVD mode, press to play randomly; In Bluetooth mode, short press it to clear the single phone number; long press it to clear all the phone number.

5: ENTER

Press it to confirm your selection

6. LEFT button

Press it to move the cursor left

7. DOWN button

Press it to move the cursor down

8. EJECT button

Press it to eject the disc.

9. STEREO/MONO/* button

Press to switch the radio in stereo and mono sound. In Bluetooth mode, press it to make a symbol.

10. P.SCN/ RPT /# button

In DVD mode, press to repeat REP 1 => REP Title => REP ALL.
In SD /USB mode，press to repeat REP 1 => REP Dir => REP ALL.

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Remote Control

In Radio mode, PS (preset scan): Press to scan all preset stations in the memory of the current band and stay on each memory stations for about 5 seconds.

AS (Auto Save), long press to save the stations with good reception automatically.

In Bluetooth mode, press it to make a # symbol.

11. ◄◄ / SEEK- button

In DVD/CD mode, press ◄◄ button to skip to the previous track, press and hold ◄◄ button for two seconds to activate fast reverse (REW) search in a track.

In Radio mode, press and hold ◄◄ button to select station backward automatically, touch again will stop select station. ◄◄ button frequency down.

12. LOUD

Press to select loudness on or off.

13. STOP/PBC button

Press to stop playback from the current position, press again to final stop from the beginning. Press play/pause button to play.

14. OSD button

In DVD mode press to show disc playing information.

15. PLAY/PAUSE button

In DVD/USB/SD mode, press it to break playback, press again to resume playback.

16. Mute button/Bluetooth button

🔇 : Short press to mute the volume output, press again to resume volume.

Long press this button to enter into Bluetooth mode (Hands free).

17. MENU/ROOT button

Press it to show main menu, in DVD mode, long press it to enter title menu (Available only if the DVD disc with title menu).

18. SUBTITLE button

Press it to select the subtitle language (Available only if the disc with subtitle function).

19. RIGHT button

Press it to move cursor right.

20. SETUP button

In DVD mode press it to enter the setup menu, press again to resume playback.

21. Dial button/ANGLE Button

In DVD mode, press it repeatedly to change the viewing angle (Available only with a recorded DVD file or DVD disc has this function).

In Bluetooth mode, press to make a call after inputted a phone number or accept an incoming call.

22. HANG UP button

In Bluetooth mode, press to reject a coming call or hang up while calling.

23. VOLUME UP button

Press to increase volume level.

24. ZOOM button

In DVD mode Press to zoom the image in or out in the sequence of zoom 2-> zoom 3-> zoom4-> zoom 5-> zoom 1/2-> zoom 1/3-> zoom 1/4-> zoom off.

25. SELECT button

Press it to enter the EQ setting menu, and press cursor up/down button to choose an item and press cursor left/right buttons to set the item, press select button again to exit the menu.

26. ►►I / SEEK + buttons

In DVD/CD mode, press ►►I button to skip to the next track, press and hold ►►I button for two seconds to activate fast forward (FF) search in a track.

In Radio mode, press and hold ►►I button to select station forward automatically, touch again will stop

select station. ▶▶▍ button frequency up.

27. VOLUME DOWN button

Press to decrease volume level.

28. AUDIO

In DVD mode press it to select the audio language.

29. NUMERIC KEY

In Radio mode, select 1-6 the desired band; In DVD mode, select track.
In Bluetooth mode, press to input phone number，long press 0 number to make a + symbol.

30. OPEN/TILT

Press the button to open/close the screen.

Note:

- The distance may vary according to the brightness of ambient light.
- If the remote is not used for an extended period of time, remove the battery to prevent possible damage from battery leakage and corrosion.
- Do not place any objects between the remote control unit and the sensor on the unit.
- Do not drop the remote control onto the floor; it will damage it beyond repair.
- Do not use the remote control unit, while simultaneously operating the remote control unit of any other equipment; they may interfere resulting in improper operation.
- The battery normally last for about one year although depending how often the remote control is used. If the remote control unit isn't working even when it is operated near the unit, replace the battery with a new battery of the same make and use only a lithium cell battery type: CR2025 (3V).
- Dispose empty batteries in accordance with your local governmental regulations.
- Do not short-circuit, disassemble, heat or dispose of fire or flames the battery.
- Keep the battery out of reach of children, should the battery be swallowed, immediately consult a doctor.
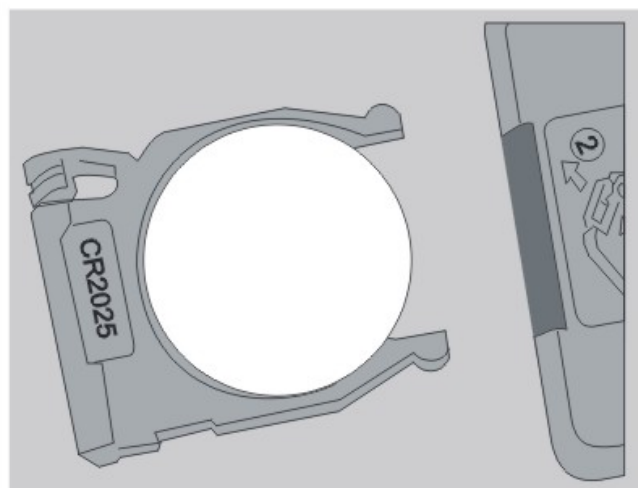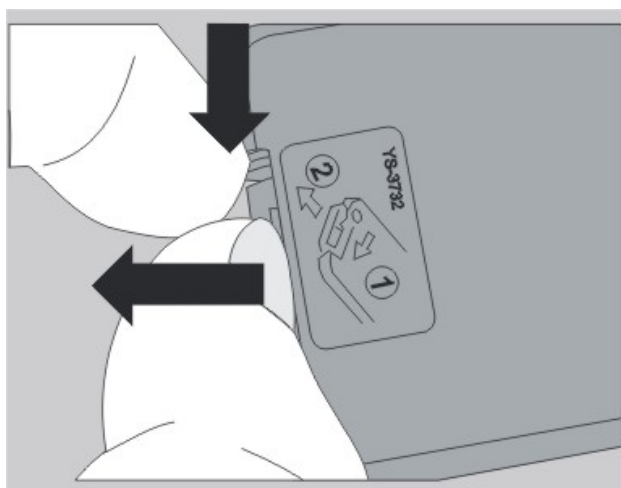
Main Menu

The best way to discover the program is to explore each screen in detail, and to find out how to move from one to another. Read this chapter for a guided tour.

Unit starts by displaying the main menu.

This is the root of the screen hierarchy, and you can simply access all features by tapping on the touch screen buttons.

Tap the icons to enter a desired mode. Swipe the screen left and right to switch between the 2 menu pages.

Page 1

Page 2

Radio Operation

To start radio, tap radio button on main menu screen.

| Icon	Description
《	Touch it to select station backward manually, touch and hold this icon to select station backward automatically.
》	Touch it to select station forward manually, touch and hold this icon to select station. forward automatically.
FM	Touch it to select FM1—>FM2—>FM3.
AM	Touch it to select AM1—>AM2.
▶▶▌	Touch it to select station forward automatically. Touch again will stop select station.
▐◀◀	Touch it to select station backward automatically. Touch again will stop select station.
🔊	Touch this button can turn on or turn off Local function.
∞	Touch this button to select mono sound reception.
Q	Touch this button can scan the stations from 1-6, Long Touch it to save the stations with good reception automatically and scan each station for about 5 seconds.
⚙	Touch this button go to setting mode

. **Radio Operation**

☼	Touch this button to adjust the brightness of TFT panel.
⌂	. Touch this button to return to main menu.
⌇	Touch button go to EQ setting.
TA	Touch this button to switch radio traffic service on or off.
PTY	Touch this button to select program type.
▣	Shortcut to the rear camera mode.
☎	Shortcut to bluetooth mode.

DVD Operation

DVD Player

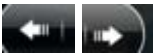To start DVD player, tap on DVD button from main menu screen.

Touch Screen Menu

You will not see any buttons while DVD is played, buttons will appear when you tap on TFT screen. Tap the screen again to hide the buttons, slide the subtitle part of bottom screen to switch the following 2 pages.
Note:

1. DVD player will automatically start playing when you insert the DVD disc.

2. Suggest that don't watch video if the vehicle is moving for driver's safety.

3. DVD Player will not only play video, but picture and music files as well.

⬅ ➡	Touch it to enter to previous/next page menu.
⏮	Touch it skip to the previous track
⏭	Touch it skip to the next track
⏯	Touch it to pause/play
▥	Touch it to select the sound track in the sequence of mono L => mono R =>auto L => auto R =>stereo
▦	Touch it choose brightness
🔍	Zoom the image in or out in the sequence of ×2×3×4×5×1/2× 1/3 ×1/4
↻	In DVD mode, touches it chooses Repeat 1=>repeat title =>repeat all. In VCD mode, touch choose REP 1 => REP DIR => REP ALL

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DVD Operation

🔀 Touch it to turn on / off random playback.

〰 Touch it go to EQ mode

▣ Select the subtitle language

💡 Touch it setting the display brightness of TFT panel

⚙ Touch it go to setting

`T 0001/0002` Press it to select title (only the file has many files)

`C 0001/0029` Press it to select file

`PBC` In VCD mode touch it can choose PBC ON or OFF

USB/SD Operation

When a file of USB or SD card is played (music, video, photo), the screen will show following interface:

🔁 Press it to repeat REP 1 => REP DIR => REP ALL

I◀◀ Press it to skip to the previous track

▶ Play/pause button. Press it to break the track, press again to resume playback. to resume playback

▶▶I Press it to skip to the next track

`C 0001/0029` Press it to select file

`T 0001/0002` Press it to select title (only the file has many files)

🔀 Press it to play track randomly

◣ Rotate the image in the sequence of ×90×180×270

▦ Change the image playback direction

🔍 Zoom the image in or out in the sequence of
×2×3×4×5×1/2× 1/3 ×1/4

Remark:To play media files from a USB flash drive or charge a mobile device, insert the flash drive or cable into the USB port on the front panel or rear of product. The product will play or charge automatically. When both front and rear USB ports are being used, the last inserted USB will be play or charge, and the other USB will become idle.

Settings Operation

Setting Control

Your device has default system setting, you can customize the settings to suit your personal needs. Once you change settings, your new settings will remain until you change it again. To start setting, tap it on main menu.

General Control

OSD Language : select English/Spanish	
Wallpaper	:select and change the wallpaper setting
Panel Adjust	:calibrate the touch panel
Radio Area	:select radio area, from Europe— USA— South America—Russian— Asia
Clock & Calendar :setting the clock and date	
SWC	: program Steering Wheel Control
Key Beep	:set beep sound on or off
Standby Display :set standby display on or off	
Version	: just show you the firmware version
Restore Default	

Tap Wallpaper button to setup wallpaper

Tap Panel Adjust button to setup panel touch
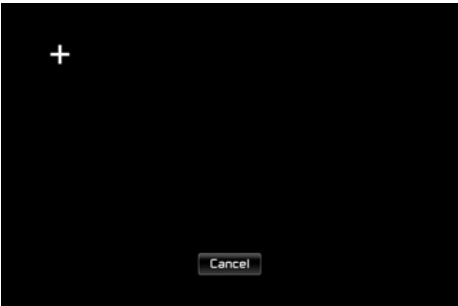
Tap center of the ⊞ and hold at least 2S, after tap five point, then it will show OK in the picture. and press OK exit calibration mode.

Settings Operation

Tap time setting button to setup time

Tap SWC item to program SWC

1) First check whether the car has steering wheel button.
2) The steering wheel and the unit must be connected on the line.
3) While holding down the button on the steering wheel and the corresponding button on the SWC interface it will display complete setting. When all the buttons on the steering wheel and the corresponding button on the SWC interface complete setting, you can use the steering wheel button to operation the unit, such as in radio mode, press ◄◄ button or ►► button to search station backward or forward; In DVD mode, press ◄◄ button or ►► button to select the previous or next track and activate fast reverse (REW) search or fast forward in a track, press VOL+ button or VOL - button to adjust the volume.

Note:
1. The "Enter" button and the "reset" button are not included in steering wheel, press the "enter" button to confirm the select, press the "reset" button to clear the former select.
2. The restriction of use SWC is the voltage between the adjacent buttons are above 0.2V that can be identified.

DVD Setup Menu

Audio Language	: select desired language
Subtitle Language	:select desired language
Menu Language	:select desired language
Password	
Rating	

[1].**Subtitle Lang setting:**

With this option you can select the preferred language for the subtitles. When the selected language is recorded on the disc then this language will automatically be shown. If not, the first language recorded on the disc is displayed.

[2].**Audio Lang setting:**

With this option you can select the preferred language for the audio output. When the selected language is recorded on the disc (not all discs have multiple languages recorded) then this language will automatically be played. If not, the first language recorded on the disc is played

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Settings Operation

[3]. **DVD Menu Lang setting:**.

With this option you can select the preferred language for the disc menu. When the selected language is recorded on the disc then this language will automatically be selected. If not, the first language recorded on the disc is displayed.

Sound Control

Sound Effect
Subwoofer
Loudness   : select on/off
Loud Cut off Freq:

Tap Sound Effect button to show following interface
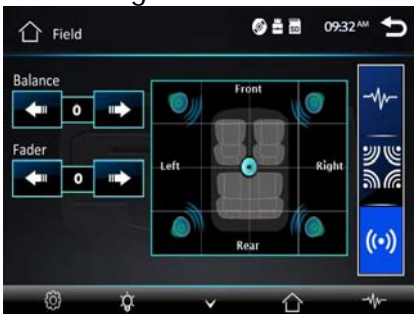
EQ   : select   User—Classic—Rock—Pop—Jazz—Electric—Flat
Reset

TV Type

Set TFT screen mode to the correct ratio:
Three screen ratio modes are available, Normal/PS (4:3 Pan Scan) and Normal/LB (4:3Letterbox) Different disc formats will display different images depending this setting and the screen size used.

Note: additional wide 16:9 only for DVD player.

Aspect ratio : select 4:3PS/4:3LB /16:9
Adjust   : adjust screen brightness /contrast/Hue/Saturation/Sharpness
Panel   :setting backlight time

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Settings Operation

Bluetooth section
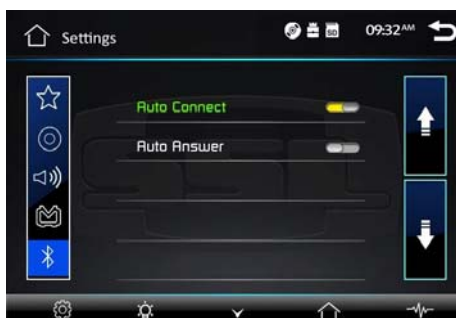
| Auto connect: select on/off |
| Auto answer : select on/off |

Subwoofer
Connect the subwoofer to the unit using sub output (see electrical diagram), tap menu on screen enter into main menu setting choose setting menu, choose sound and set subwoofer on to enable subwoofer.

Parking
When the car is stopped and the parking brake is working, the screen can display the video image, otherwise the screen can't display the video image.

Rear View Camera
This unit is equipped with Rear View Camera output. The camera is used to observe the situation behind the vehicle when you are backing the car.
Please connect your Rear View Camera with the back car video input. And connect the reverse wire for back a car with the rear gear light. Rear view camera picture will be enabled when you are backing the car.

Bluetooth Operation

To enter bluetooth mode, you can tap bluetooth icon on main menu or long press the mute/bluetooth button on the remote control or press mode button on remote.

Tap [icon] calling button to use phone functions.

Tap [icon] music button to start bluetooth music player.

Pairing Mode

At the 1st time when using bluetooth, you need to pair the mobile phone first.
When a phone has not been paired with the unit, the BT icon and pairing mark will blink continually on the panel.
When the unit have connect with phone, the BT icon will turn on and the mobile phone name (if available) will be display on the panel.
According to mobile pairing device manual, after searching new device (BT friendly name: SSL SD726MB) select it, input password "0000" and confirm ok, device paring is finished.
The phone name will available on the panel after the pairing is completed. It means device is connected and ready for bluetooth communication.
Auto-connect - Disconnect
When power on the unit, the last paired phone will be connected to the device via Bluetooth automatically, it can keep five phone names in the unit. Tap [icon] will delete from the first paired phone. if you want to disconnect the bluetooth connection, turn off the mobile phone Bluetooth function or tap the phone name in the list , and tap phone name again it will be connected again.

Bluetooth Operation

Calling Button

Tap on calling button to enter call mode.

In call mode, the unit can be used as your phone, making and receiving calls are possible with

bluetooth, simply tap phone number and tap ![green call] button

to make a call, and tap ![red hangup] button to hang up.

1) Tap clear button shortly to delete a wrong digit, tap the clear button or press RDM/C button on remote for 3-4 seconds to delete all the numbers at once.

2) Tap the ![green call] button for 3-4 seconds, the device automatically makes a call to the latest call in its call log.

3) The volume will be operated separately while calling.

4）In handsfree mode, press the icon ![icon], it will ask or enter into a menu to download phonebook.

5)Tap the ![person icon] can see phonebook.

6)Tap the ![search icon] can search phonebook contacts.

BT Phonebook

The unit can download the data from phone when the pairing between a phone and the unit is completed.

The unit displays the data which have been downloading from a phone.

Please note that certain mobile device functions are not supported. Phonebook contacts will be listed in alphabetical order.

Note: the phonebook only supports western characters, any difference in character will be shown such as "+, * or #".

Voice Transfer

During a call, you can change a call from bluetooth mode to phone by tapping ![transfer] transfer button, to

have a call in bluetooth mode again, tap ![transfer]transfer button.

(A2DP) Music Mode

Tap music button to listen music in bluetooth mode.
Tap the button for 'music' in bluetooth main menu.
You can select the function with the key for previous, play / pause, stop, and next.
A2DP(Advanced Audio Distribution Profile) Music Player
A2DP is a function which can receive the audio frequency signal from the mobile phone, amplified by the car audio and played out by the car speakers.
Notice: your mobile phone need to support A2DP.
Tap the buttons on the screen as shown, or press corresponding buttons (pause/play, stop, previous/next) on remote control to play, pause, play previous, or next music file.

Aux-In Operation

Aux-In MODE

To start Aux-In Mode, tap Aux-In icon from main menu screen. connect the external audio signal source to this unit will display "NOW PLAYING".

Note: Aux-In does not support a video display function. So, there is "NO SIGNAL DETECTED" displayed if no audio signal input. Press the ⌂ icon to be back to main menu.

Notes of Disc

Handling discs

Handling

When holding
With both hands

When holding
with one hand

- Do not use damaged (cracked or warped) discs.
- Do not scratch the signal surface or let it get dirty.
- Do not attach paper or seals to discs. The player may be damaged if there is any exposed glue, etc., On discs. For rental discs in particular, extra labels are often attached to the discs. Check carefully for any exposed glue before using such discs.

Storing discs

- Always place discs in their case and store them vertically.
  Avoid storing discs in hot or humid places, places exposed to direct sunlight and places in which the temperature is extremely low.
- Read any cautions included with the discs carefully.

Cleaning discs

- Fingerprints or dust on discs may reduce sound or picture quality. Remove them by gently wiping the disc from the center toward the edges using a soft cloth.
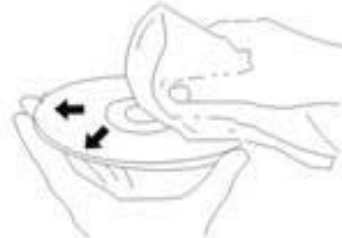
- Do not use benzene, thinner or other volatile chemicals.
  Do not use record spray or antistatic spray either.
- We recommend using the separately sold cleaning set to clean discs.
- For tough dirt, apply some water to a soft cloth, wring out thoroughly, wipe off the dirt, then wipe the disc with a dry cloth.

Irregular shaped discs
Irregular shaped discs(heart-shaped discs, hexagonal discs, etc.)Cannot be played on this player. Doing so could damage the player.
Never use such discs.

Troubleshooting

	Symptom	Cause	Remedy
General	Power does not turn on (No sound is produced)	Fuse is blown	Replace with fuse of the same amperage. If the fuse blows again, consult your store of purchase
		Incorrect wiring	Consult your local retailer
	No sound output when operating the unit with amplifiers or power antenna attached	Power antennal lead is shorted to ground, excessive current is required or remote on the amplifiers or power antenna	1. Turn off the unit 2. Remove all wires attached to the power antenna lead, check each wire for a possible short to ground using an ohm meter 3. Turn on the unit 4. Reconnect each amplifier remote wire to the power antenna lead one by one. If the amplifiers turn off before all wires are attached, use an external replay to provide remote-on voltage (excessive current required)
	Nothing happens when buttons are pressed Display is not Accurate	Unit needs to be Reset	Using a pen or toothpick, press and release the Reset button.
		Panel or main unit Connectors are dirty	Wipe the dirt off with a soft cloth moistened with cleaning alcohol
CD	Sound is bad directly after power is turned on	Compact disc is dirty	Clean the compact disc without scratches
		Compact disc is heavily scratched or warped	Replace with a compact disc without scratches
	Sound is bad directly after power is turned on	Water droplets may form on the internal lens when the car is parked in a humid place	Let it dry for about 1 hour with the power on

Troubleshooting

symptom	Cause	Solution
No power	The car ignition is not on	If the power supply is properly connected to the car accessory switch the ignition key to "ACC"
	The fuse is blown	Replace the fuse
Disc cannot be loaded	Presence of disc inside the player	Remove the disc in the player then put a new upward
Disc cannot be read	Inserting the disc in upside down	Insert the compact disc with the label facing upward
	Compact disc is extremely dirty or defective	Clean the disc or try to play a new one
	Temperature inside the car is too high	Cool off until the ambient temperature returns to normal
No sound	Volume is in minimum	Adjust volume to a desired level
	Wiring is not properly connected	Check wiring connection
The operation keys do not work	The built-in microcomputer is not operating properly due to noise	Press the power button for about 10 seconds to reset the unit
	Front panel is not properly fix into its place	
Sound skips	The installation angle is more than 30 degrees	Adjust the installation angle to less than 30 degrees
	The disc is extremely dirty or defective	Clean the compact disc/try to play a new one
The radio does not work, the radio station automatic selection does not work	The antenna cable is not connected the signals are too weak	Insert the antenna cable firmly select a station manually

General Specification

General	
Power supply	11~16V DC
Current consumption	Max. 10 A
Maximum power output	85W x 4 channels (max)
Compatible formats	DVD ±R/RW Video, CD ±R/RW Audio & Video
Dimensions (W x D x H) / weight	7.0″ x 6.4″ x 2.0″ /3.9 lbs
Working temperature range	-4°F -- +140°F
ESP function	10 sec. for Audio CD, 120 sec. for MP3
TFT display	
Screen size	7.0 inch
Resolution	800*480 pixel
Aspect ration	4:3/16:9
Brightness	460 cd/m^2
Contrast ratio	500:1
FM radio	
Frequency range(Europe area)	FM:87.5 –108MHz(Step 50KHz)
Frequency range(America area)	FM:87.5 –107.9MHz(Step 200KHz)
Frequency range(Asia area)	FM:87.5 –108MHz(Step 100KHz)
Frequency range(South America area)	FM:87.5 –108MHz(Step 100KHz)
Frequency range(Russia area)	FM:87.5 –108MHz(Step 50KHz) 65-74MHz(Step 30KHz)
Preset memory stations	18
AM(MW)radio	
Frequency range(Europe area)	AM:522-1620(Step 9KHz)
Frequency range(America area)	AM:530-1710(Step 10KHz)
Frequency range(Asia area)	AM:531-1602(Step 9KHz)
Frequency range(South America area)	AM:520-1710(Step 10KHz)
Frequency range(Russia area)	AM:522-1620(Step 9KHz)
Preset memory stations	12
Audio specification	
Frequency response	20 Hz-20 KHz
TV Color System	Color system NTSC/PAL
USB interface	
USB type	USB 2.0 full speed
Support format	MP3 , WMA, MPEG1, MPEG2, AVI

Specifications are subject to change without notice, mass and dimension are approximate.