BLAUPUNKT

ESTABLISHED IN GERMANY Since 1923

CAR RADIO
SALTO 4011

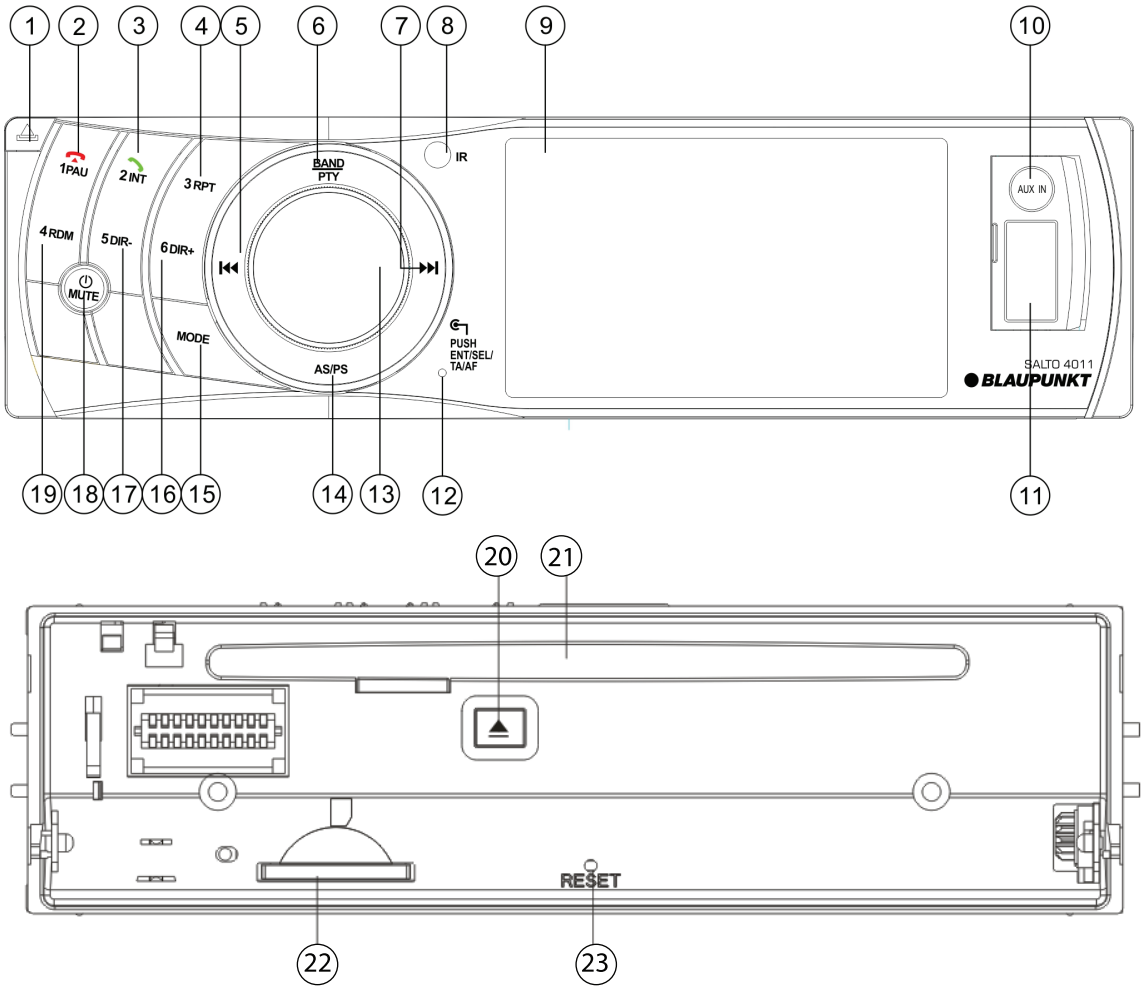
Enjoy it.

Operating and installation instruction

Content

Location of Button 1
Safety 2
Opening 2
Installing the unit 2
Removing the unit 2
Turn on/off 3
Panel release 3
Sound adjustment 3
Main menu 3
Radio operation 3
Switch to radio mode 3
Select frequency band 3
Select station 3
Manually store station & recall preset station 3
Automatic memory storing & program scanning 3
Listening to traffic announcement 4
TA interruption function 4
Using PTY to select program 4
Setting 4
Sound setting 4
Display quality setting 5
Time setting 5
Area setting 5
Reset function 5
Disc operation 5
Load / eject disc 5
Pause & play 5
Fast forward / reverse 5
Skip track 5
DVD video menu play 5
Repeat play 5
Special functions for DVD 6
Multi-subtitle language function 6
Multi-audio language function 6
Zoom function 6
Goto function 6
DVD setup 6
System setup 6
Language setup 6
Audio setup 6
Video setup 7
Speaker setup 7
On -screen display function 7
USB/SD play 7
AUX operation 7
Equalization 7
Mute 7
Bluetooth Operation 7
Pairing 7
Dial Mode 8
Music Mode 8
Technical Data 8
Remote control 9
Installation 10
Wiring Connection 11
Troubleshoot & supported format 12

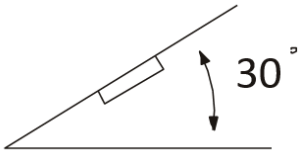
Location of Button



1. " " button
2. " 1/ PAU" button
3. " 2/INT" button
4. "3/RPT" button
5. " " Seek down button
6. "BAND/PTY" button
7. " " Seek up button
8. IR Sensor
9. TFT display
10. "AUX IN" jack
11. USB port
12. MIC
13. "VOL / SEL/ENT/TA/AF" button
14. "AS/PS" button
15. "MODE" button
16. "6DIR+ " button
17. "5DIR- " button
18. " / MUTE" button
19. "4RDM" button
20. Eject button
21. DISC slot
22. SD card slot
23. RESET button

Safety

- Assign a mounting location that will not obstruct driver in any circumstances. Or cause injuries to drivers and passengers in case emergency brake or accidents.
- Ensure all wires are connected properly, and that the unit is functioning well before fitting the unit into the mount.
- Any unauthorized installation and modification may cause malfunction to the unit. Always use the parts that are included with the units only.
- Consult authorized dealer if installation requires modifications on the vehicle.
- Unit might not be able to deliver optimum performance in the installation angle exceeds 30° of vertical view.



- Avoid unit from being exposed to high heat, sunlight, dust, dirt or excessive vibration

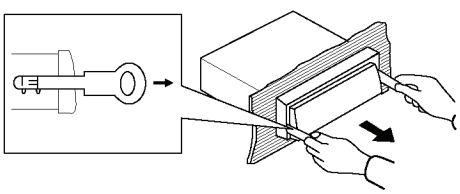
Opening

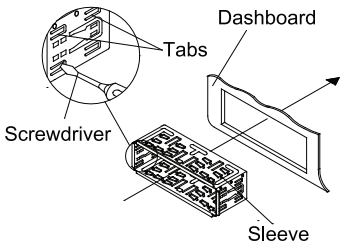
This unit can be installed in any dashboard having an opening as shown below:

Installing the unit

Be sure you test all connections first, and then follow these steps to install the unit.

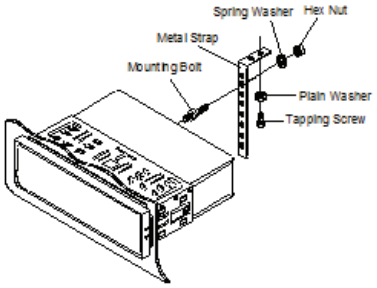
1. Make sure the ignition is turned off, and then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Disconnect the wire harness and the antenna.
3. Mount the sleeve by inserting the sleeve into the opening of the dashboard and bend open the tabs located around the sleeve with a screw driver.
4. Make appropriate adjustment on tabs such as bending or adjusting them in order to fit the sleeve perfectly into the dashboard.





5. Reconnect the wire harness and the antenna and avoid applying pressure on any wires.
6. Slide the unit into the sleeve until in locks into places.
7. To further secure the unit, use the supplied metal strap to secure the back of the unit in place. Use the supplied hardware (Hex Nut (M5mm) and Spring Washer) to attach one end of the strap to the mounting bolt on the back of the unit. If necessary, bend the metal strap to fit your vehicle's mounting area. Then use the supplied hardware (Tapping Screw (5x25mm) and Plain Washer) to attach the other end of metal strap to a solid metal part of the vehicle under the dashboard. This strap also helps ensure proper electrical grounding of the unit.

Note : Install the short threading terminal of the mounting bolt to the back of the unit and the other long threading terminal to the dashboard.



8. Reconnect the cable to the vehicle battery's negative (-) terminal. Then replace the outer trim ring.

Removing the unit

1. Ensure the ignition is turned off, then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Remove the metal strap attached the back of the unit (if attached).
3. Lift the top of the outer trim ring then pull it out to remove it.
4. Insert both of the supplied keys into the slots at the middle left and right sides of the unit, then pull the unit out of the dashboard.

Operation

TURN ON/OFF THE UNIT

Press ⏻ (18) on the panel to turn on the unit. Press and hold to turn off the unit

PANEL RELEASE
Press ⏏ (1) on the panel to remove the panel from the main unit.

SOUND ADJUSTMENT
Press **SEL** (13) on the panel to select the preferred mode. The adjustment mode will change in the following order :

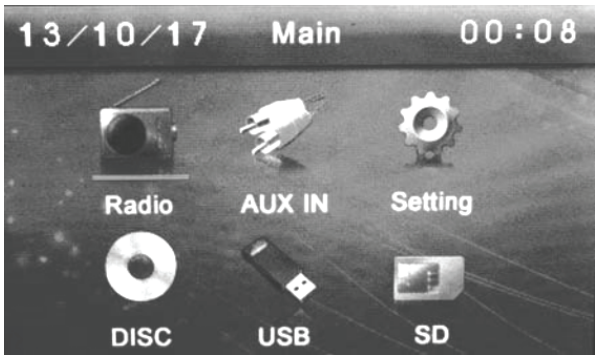
TA VOL – AF – TA – BAS – TRE – BAL – FAD – LOUD – EQ
LOC – STEREO – EON DX – TA VOL – BEEP – VOL

- AF : Alternative frequencies
- TA : Traffic announcement
- BAS : Bass
- TRE : Treble
- BAL : Balance
- FAD : Fader
- LOUD : Loudness
- EQ : Equalization
- LOC : Local
- DX : Distance
- EON : Enhance other network
- TA VOL : TA volume
- BEEP : Beep sound
- VOL : Volume

Rotate audio knob (13) to adjust sound quality setting.

MAIN MENU

Press ⏻ (18) on the panel to turn on the unit. Screen will display below main menu



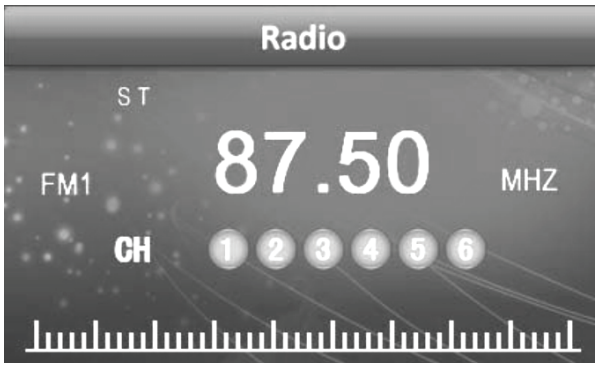
Select option by rotating the audio knob (13), then press **ENT** (13) to select and enter.

In any mode, press and hold to turn off the unit. Or press and hold **ENT** to enter main menu display.

RADIO OPERATION

Switch to

Press **MODE** (15) to select radio. And the following screen will appear



Select Frequency Band

Press **BAND** (6) on the panel to select the desired band. The band reception will change according to following order

For two wave bands :

->FM1 -> FM2 -> FM3 ->AM1 (MW1) -> AM2 (MW2) ->

Select Station

Press ⏮ (5) or ⏭ (7) on the panel to activate the automatic station search function. It will search up/down stations automatically. Press and hold either button until **MANU** appear on the display, this show manual tuning mode is selected. This mode allow tuning from one to next frequencies until station found. It will tune into the nearest frequency's station if the searching idled for more than 5 seconds.

Manually Store Station & Recall Preset Station

Press and hold any number key on the remote control to store selected station. The corresponding preset number keys allow immediate tune-in to the saved stations.

Automatic Memory Storing & Program Scanning

- **Automatic Memory Storing**

  Press and hold AMS button on the remote control, the unit will search from the start of the frequency to the end to test signal strength. Strong signal stations will be store in the corresponding preset number.

- **Program Scanning**

  Press AMS button to scan preset stations. The unit will hold at preset number for several second, press MUTE to release to resume searching.

- **RDS (Radio Data System) Operation**

Operation

Setting RDS mode :

Press **AF/EQ** on the remote control to switch on/off RDS mode. **SEL** menu also allow same on/off function.

When RDS is switched on, symbol **AF** will appear on the display.

Program name will be displayed on stored RDS station.
AF starts blinking if the broadcasting signal connection weaken.

ALARM will be displayed when an emergency broadcast is received. Volume level will be adjusted to the preset level automatically when the volume control is set as minimum.

- **Listening To Traffic Announcement**

Press **O/TA** on the remote control to turn on/off the **TA** function. Or select TA in **SEL** menu. Rotate the audio knob to switch on/on the TA function.

When **TA** mode is on and traffic announcement is transmitted :

The unit will switch to temporary radio mode even if the existing mode is USB/SD/DISC or AUX IN.

Temporary switch to **EON** linked station when **EON** detects a traffic announcement on the other program. Volume level will be adjusted to threshold point if the level is below the average point.

When **TA** mode is on, **TA** of individual segment will be turned on. If **TP** station is received, **TP** of individual segment will be turned on.

- **TA Interruption Function**

The current traffic announcement can be cancelled by turning off the TA function. Received EON TA information can be switched to EON linked station. Information cannot be received if EON linked station is located too far from the signal receiving area and will resume to playing station. If customer is listening to a wrong program or mute sound for awhile, the RDS data used are the PI, PS, AF, TP, TA, EON, and PTY data.

PI : Program identification code for identifying programs.
PS: Program service name broadcast station name data presented in alphanumerical characters.
AF: Alternative frequencies. Frequency list of broadcasting stations transmitting the same program.
TP: Traffic program identification. Identification data for traffic information-broadcasting station.
TA: Traffic announcement identification.

Identification data showing traffic information is being transmitted or otherwise.

EON : Enhanced other network information. Broadcasting information of PI, AF, TP, TA etc related to networks other than the network in-used for current reception.

- **Using PTY To Select Program**

PTY has a speech group and music group. Press PTY to change as below

PTY Speech – PTY Music – PTY Off

In speech of music group, rotate the volume knob to select the desired PTY. It will search automatically if left idled.

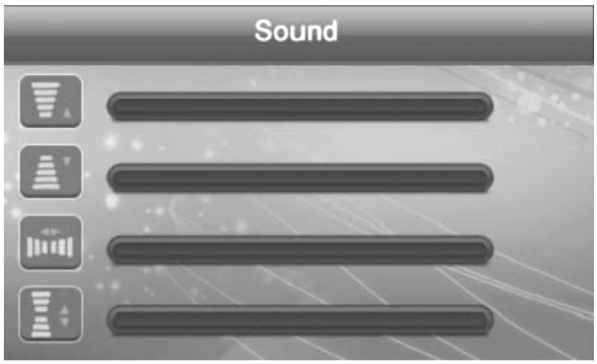
SPEECH group has below PTY kind :
NEWS / AFFAIR / INFORM / EDUCATION / DRAMA / SPORT / VARIED / CULTURE / SCIENCE / FINANCE / CHILDREN / WEATHER / PHONE IN / SOCIAL / RELIGION / TRAVEL / LEISURE / DOCUMENT

MUSIC group has below PTY kind :
ROCK / POP / LIGHT / EASY / OTHER / CLASSICS / COUNTRY / JAZZ / OLDIES / NATION / FOLK

SETTING

In main menu, select **Setting** Icon and press **ENT** to enter below setting menu, use volume knob to select and press **ENT** to enter :

SOUND SETTING



Press ENT to select, then adjust with volume knob: BAS / TRE / BAL / FAD

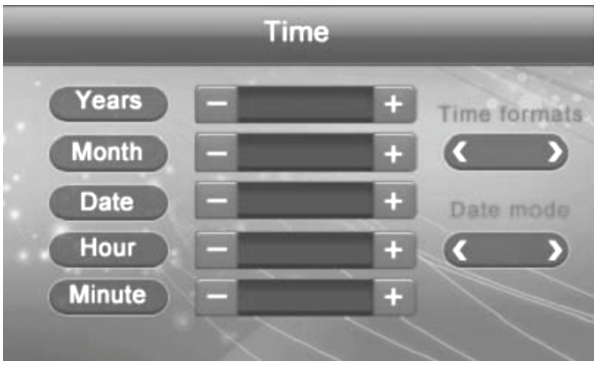
Operation

Press **ENT** to select, then adjust with volume knob: BAS / TRE / BAL / FAD

DISPLAY QUALITY SETTING

Press **ENT** to select, then adjust with volume knob : BRI / CON / CHR / SHA

TIME SETTING



Press **ENT** to select, then adjust with volume knob : Years – Month – Date – Hour – Minute – Time format – Format date

AREA SETTING

Select desired country by rotating volume knob.
Note : Press and hold ENT to return to previous interface.

RESET FUNCTION

RESET button can be easily activated with either a sharp end object or a ballpoint pen. Users are advised to reset the unit when following situation occur :

- After installation is completed.
- Function buttons failed to operate.
- Error message or symbol on the display.

Note : In case reset button cannot be activated, clean the front panel socket with cotton swab that contains isopropyl alcohol.

DISC OPERATION (DVD/VCD/CD/MP3)

- **Load / Eject Disc**

Press ⏏ button on the panel to remove the front panel to get access to the disc slot.
Insert the disc with printed side facing up into the disc slot (21). Media will be played automatically.

- **Pause & Play**

Press ⏯ on the remote control to pause the playing media. And press again to continue to play media. Same method even when on DVD/VCD/SVCD.

Press **STOP** on the remote control twice to stop the playing media and return to start-up logo.

- **Fast Forward / Fast Rewind**

Press ◀◀ or ▶▶ on the remote control while media playing. Each press on this button will fast forward/reverse when playing DVD/VCD/CD/MP3. The speed sequence is as following :

-> Normal playback -> x2 -> x4 -> x8 -> x20 ->

- **Skip Track**

Press ⏮ or ⏭ on the remote control or front panel while playing media to skip to the next track or skip to previous track.

Note : Skip track may not be available for all VCD2.0 with PBC on.

- **DVD Video Menu Play**

1. Press **TITLE** on the remote control while media playing to go to the TITLE MENU. The disc will play automatically and stop at MENU display.
2. Press ▶◀▲▼ on the remote control to move between option bars in the menu.
3. Press OK on the remote control to confirm selection.

- **Repeat Play**

Press **RPT** to select different repeat modes. Different repeat mode will apply on different disc.

Operation

DVD :

-> REP [Chapter] -> REP [Title] -> REP [Off] ->

VCD/SVCD/CD/MP3/WMA :

->REP [REP 1] -> REP [REP All] -> REP [Off] ->

Note : VCD2.0 with PBC on does not support Repeat feature.

SPECIAL FUNCTIONS FOR DVD

- **Multi-subtitle Language Function**

Press **SUB-T** on the remote control during media playing. The following information will be displayed :

Keep pressing the same button until the preferred language is selected.

Note : Language will vary from one to another and some disc may only contain one subtitle language.

- **Multi-audio Language Function**

Press AUDIO on the remote control during media playing. The following information will be displayed :

Keep pressing the same button until the preferred language is selected.

Note : Language will vary from one to another and some disc may only contain one soundtrack language.

ZOOM FUNCTION

Press **ZOOM** on the remote control to toggle scale from 1, 2, 3, 4, 1/2, 1/3 to 1/4. When the scale is 1/4, press ZOOM again to exit zoom function.

Use ▶◀▲▼ to move up/down/left/right during **zoom** mode to view certain zoomed angle.

GOTO FUNCTION

DVD :

Press **GOTO** on the remote control. The following information will be displayed :

Use number keys to insert the desired Title, Chapter or time, then press OK on the remote control to confirm.

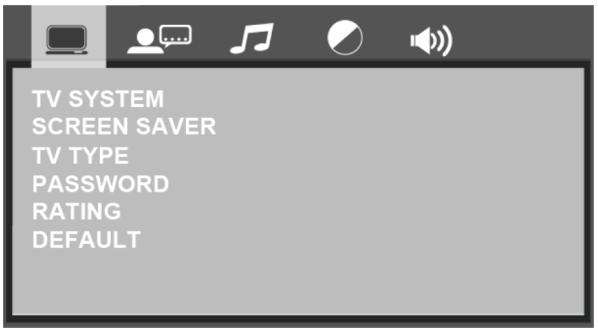
DVD SETUP

Press **SETUP** during media playing or stopped on the remote control to enter **SETUP** menu.

1. Use ▶ ◀ on the remote control to move between pages.
2. Use▼ to move the cursor down to the setup page below, then use ▲▼ to move between the setup
3. options.
   Press▶ to display more selections from the setup option, then press ▲▼ to move between the selections before pressing **OK** to confirm the selection.

SYSTEM SETUP

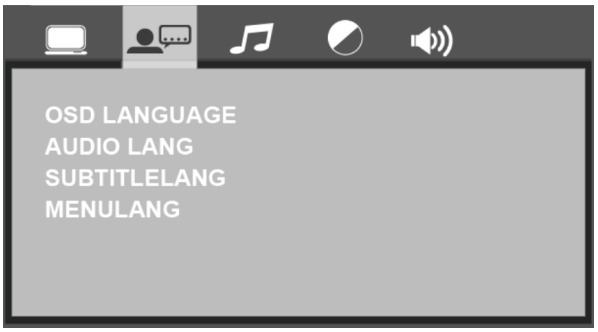
Following page will show upon entering system setup menu :



1. TV SYSTEM : Switch TV mode (NTSC/ PAL/ AUTO)
2. SCREEN SAVER : Turn on or off screen saver
3. TV TYPE : Switch screen ratio (4:3PS/ 4:3LB/ 16:9)
4. PASSWORD : Insert/change password
5. RATING : 1 KID SAFE, 2 G, 3 PG, 4 PG13, 5 PG-R, 6 R, 7 NC-17, 8 ADULT
6. DEFAULT : Restore default system setting

LANGUAGE SETUP

Following page will show upon entering language setup :

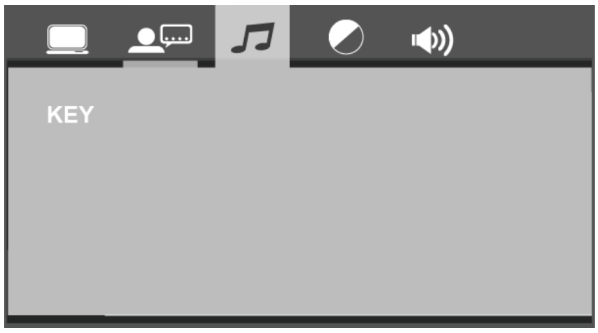


Use ▶◀▲▼ to adjust

AUDIO SETUP

Following page will show upon entering audio setup :

Operation



Use ▶◀▲▼ to adjust

VIDEO SETUP

Following page will show upon entering video setup :

Use ▶◀▲▼ to adjust and press **OK** to confirm.

SPEAKER SETUP

Use ▶◀▲▼ to adjust and press **OK** to confirm.

ON-SCREEN DISPLAY FUNCTION

Press **DISP** on remote control during media playing to display the consoled information of current disc.

USB/SD PLAY

USB is located on front panel. Access SD card slot by removing the front panel. The unit will read media automatically.
If disc is inserted during USB/SD media playing, unit will automatically read disc instead.
Press **STOP** on remote control to stop or on remote control / front panel to pause/play.

1. The unit only support standard USB/SD approved by Microsoft.
2. USB MP3 file may vary from one to another, unit may not be able to support all the files.
3. Remove MP3 player battery when connecting to USB port.

AUX OPERATION

A 3.5mm jack is located on the front panel. Press **MODE** to switch to AUX mode after connecting portable audio player to unit.

EQUALIZATION

Press **EQ** (4) on the front panel to select preset band. Press and hold **AF/EQ** on the remote to select the desire preset band. The band option are as following :

┌─>FLAT -> CLASSIC -> POP -> ROCK -> JAZZ -> EQ OFF─┐

MUTE

In radio, DVD, AUX mode, press **MUTE** on remote control to mute audio output. Press again to resume audio output.

BLUETOOTH OPERATION

- Before using Bluetooth function, make sure mobile phone supports Bluetooth function and that the function is turned on.
- Different mobile phone model will produce different Bluetooth emission power. To get the best conversation quality, it is recommended that the distance between the mobile phone and the unit is not further than 3 meter.

PAIRING

- Turn on Bluetooth setting of mobile phone. (Please refer to the instruction manual of your mobile phone on how to operate Bluetooth setting.
- "Car Kit" should appear in the list on your mobile phone Bluetooth device scanning. After selecting "Car Kit", key in "0000" when it requests for device synchronization password.

Operation

DIAL MODE :

i. Make Call

This allow dialing using mobile phone or remote control with below buttons :

DIGIT buttons : 0 ~ 9
TITLE button : #
GOTO button : *
AUDIO/PTY button : Delete
BAND button : Dial. Transmission of sound output between the unit and mobile phone.
MODE button : Hang up

ii. End Call

Press key to end call.

iii. Answer / Reject Call

Press to answer call or press to reject call.

MUSIC MODE :

Bluetooth synching allow music played by mobile phone and allow sound output by the speakers connected to the unit.

Press **1/PAU** of the unit front panel to pause/play song. Press ⏮ or ⏭ to select next or previous song.

Press **AMS** button on the remote to switch between **DIAL** mode and **MUSIC** mode.

Technical Data

Tuning Range

EUR FM : 87.5 ~ 108 MHz
EUR AM : 522 ~ 1620 KHz

Sensitivity

FM : 4uV (S/N = 30dB)
AM : 63uV (S/N = 20dB)

Signal Noise Ratio

FM : 50dB
AM : 45dB
MP3/WMA : 60dB

Stereo Separation

FM : >25dB
MP3/WMA : 50dB

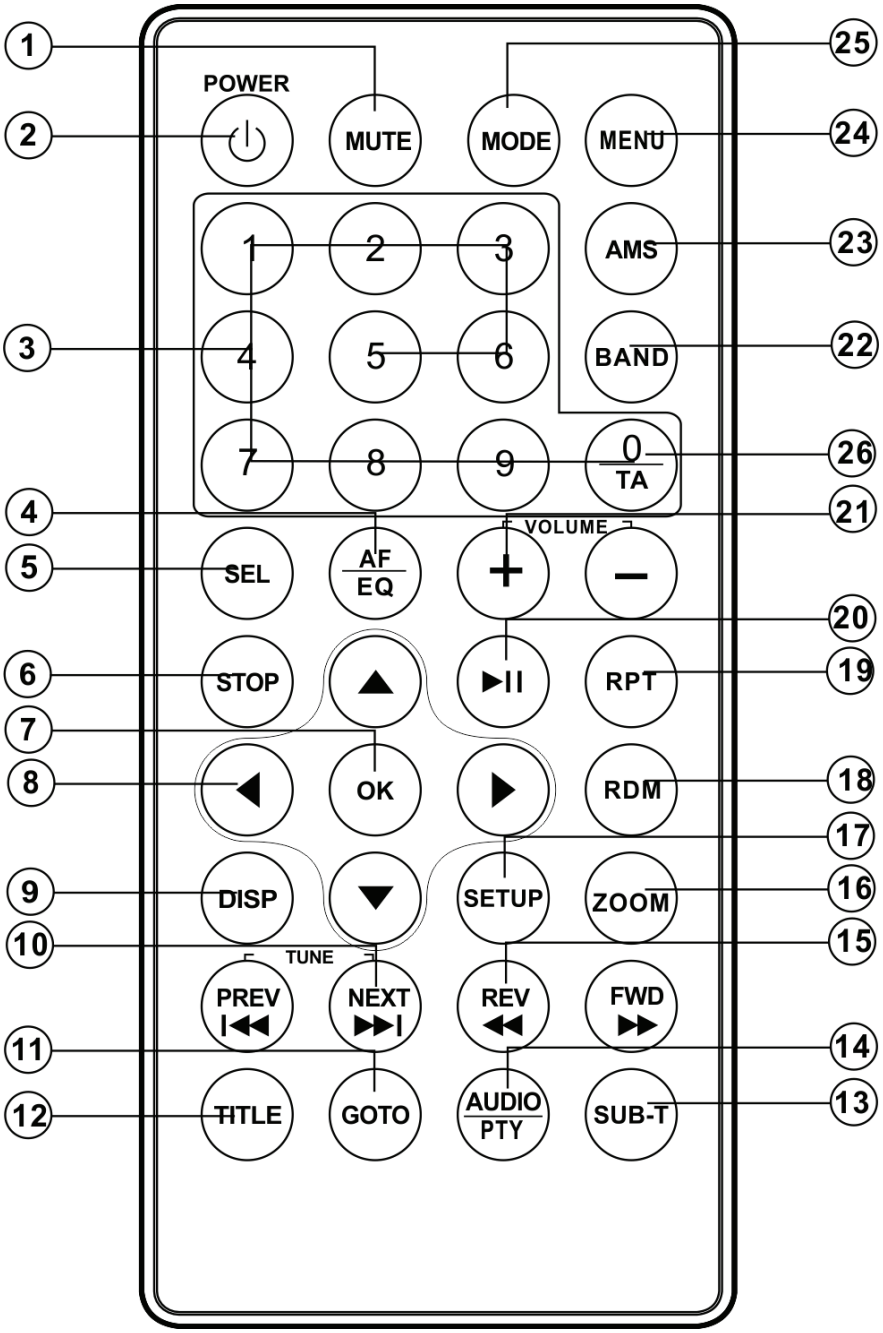
Frequency Response

FM : 40Hz ~ 12KHz
AM : 80Hz ~ 2KHz
MP3/WMA : 20Hz ~18KHz

Scope of Delivery

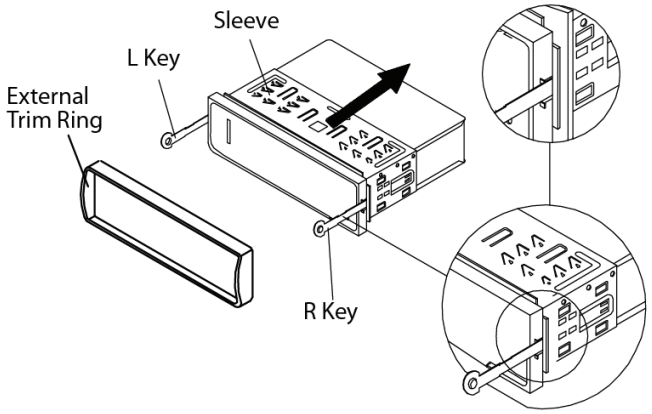
1 Car sound system
1 Operating/installation instructions
1 Case for the control panel
1 Support frame
2 Disassembly tools
1 Handheld remote control with battery
1 Connecting cable B

Remote Control

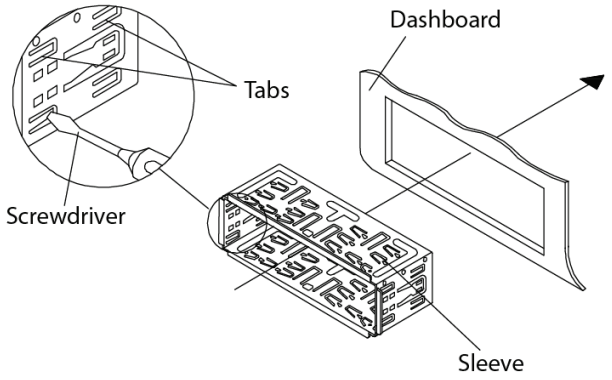


1. **MUTE** Mute audio output. Press again to resume audio output
2. **POWER** Turn on or off
3. **0-9** Corresponding input number
4. **AF/EQ** Press to turn on/off AF. Press & hold to select options
5. **SEL** Access to BAS/ TRE/ BAL/ FAD setting
6. **STOP** Stop media playing
7. **OK** Confirm selected options
8. ▶◀▲▼ Use button to select options
9. **DISP** Display information of the current media playing status
10. ⏮⏭ Skip to next track or previous track
11. **GOTO** Press to fast search track by entering desired track number
12. **TITLE** Display media's menu
13. **SUB-T** Change media's subtitle
14. **AUDIO/**
15. **PTY** Change Audio soundtrack. Press during radio mode to set PTY/SPEECH/PTY OFF
16. ◀◀▶▶ Press to manual radio tuning/ fast forward/reverse track
17. **ZOOM** Adjust screen ratio
18. **SETUP** Press for SETUP menu at DVD mode
19. **RDM** Shuffle songs to play randomly
20. **REP** Repeat chapter, title, tracks or album
21. ▶II Pause / play
22. **VOL+/-** Increase or decrease audio volume
23. **BAND** Select FM1, FM2, FM3 MW1, MW2, AUX bands
24. **AMS** Press to activate Automatic Memory Storing / Program Scanning Function
25. **MENU** Press to access main menu
26. **MODE** Press to switch media source input
27. **TA** Turn on/off TA function

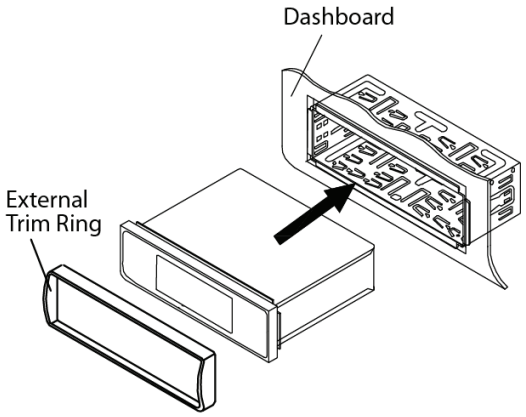
Installation



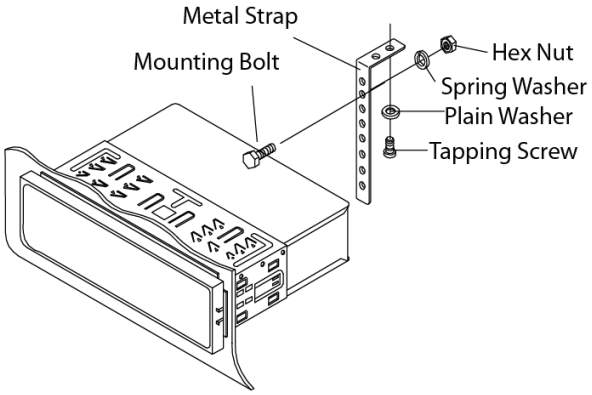
1. Remove the sleeve



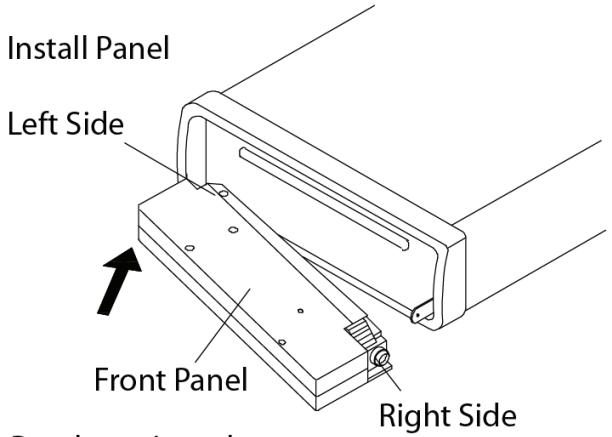
2. Insert the sleeve into the dashboard and adjust the tabs if neccessary



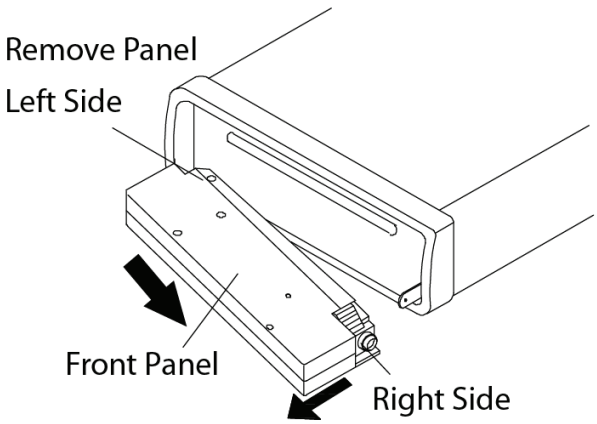
3. Put the unit to sleeve



4. Install the unit with metal strap and screws

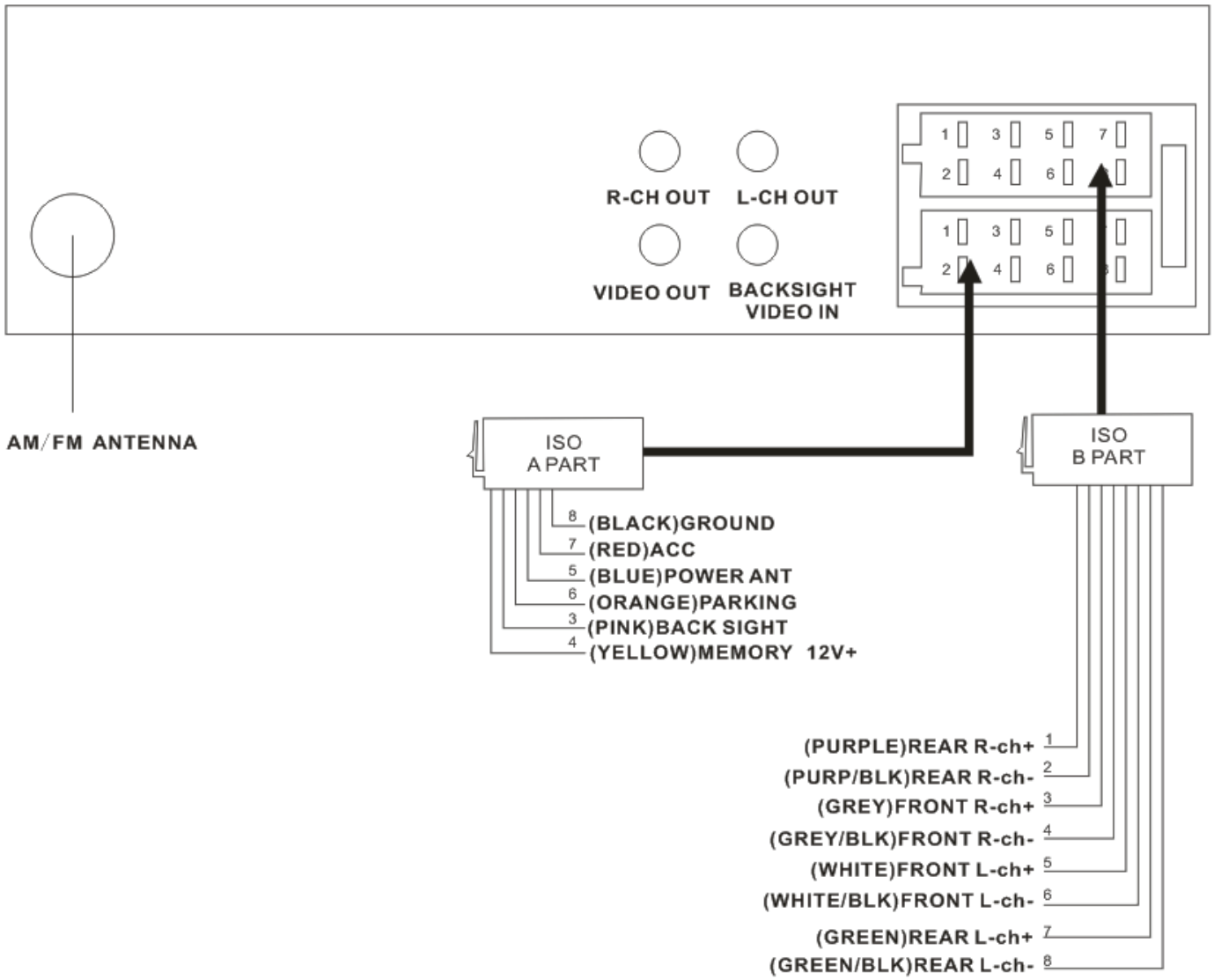


3. Put the unit to sleeve



4. Install the unit with metal strap and screws

Wiring Connection



Attention :

1. Make sure "B+" and "ACC" pin locations are correct before installation. These two pins may vary from one vehicle to another. Wrong connection will lead to burnt fuse.
2. "Parking" wire must be connected to the "Ground" in order to activate video function.
3. The unit applies to 12V DC cathode ground electrical system only.
4. Don't connect the terminals of the car battery until the wires are correctly connected.
5. Please make sure to connect yellow wire to the positive side of the battery (+).
6. Please make sure specification are similar to the existing fuse in case of replacement.
7. Use high quality speaker with impedance of 4 – 8 ohms for better sound effect.

Troubleshoot

Before going through the checklist, check wiring connection. If any of the problem continues after checklist has been made, consult an authorized dealer.

Symptom	Cause	Solution
No power	Car ignition turned off	Switch car key to "ACC to turn on car ignition
	Broke fuse	Replace fuse
Unable to load or eject disc	Presence of disc inside the player	Remove disc before loading another disc
	Disc was inserted in reverse direction	Insert disc with label facing upward
	Dirty disc	Clean the disc or try to use another disc
	High temperature inside car	Wait until the car is cooled off
	Condensation	Leave the player off for more than an hour before using it again
No sound output	Low volume	Adjust volume to desired level
	Wiring connection	Connect wire correctly
Unstable sound output	Installation angle	Adjust the installation angle to less than 30 degree
	Dirty disc	Clean the disc or try to use another disc
Operation key failed to function	Unable to operate unit properly due to noise	Press the RESET button
		Fit the front panel correctly
Failed to connect to radio stations	Antenna cable connection	Connect cable correctly
	Weak signal	Browse radio stations manually

Supported Format

Audio format : MP3/WMA/CDDA/HDCD/CD-G/ACC
Video format : AVI/MOV/MP4/MPG/DIVX/XVID/FLV
Photo format : JPEG

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