

# **ONEX**

# User Manual

CAR DVD/MP4/VCD/MP3/CD/AM/FM STEREO SYS MULTI MEDIA PLAYER









**Welcome!**

Thank you for purchasing our digital media player. To operate the unit correctly, please read the user manual carefully before using the unit. Keep these instructions and retain this booklet for future reference.

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## Notes on installation

-  The unit is designed for **12V DC**, negative ground operation system only. Before installing the unit, make sure your vehicle is connected to **DC 12V** negative ground electrical system.
-  The negative battery terminal must be disconnected before making connections, which can reduce damaging the unit due to short circuit.
-  Be sure to connect the colour coded leads correctly according to the diagram. Incorrect connections may cause the unit to malfunction or damage the vehicle's electrical system.
-  Be sure to connect the speaker (-) leads to the speaker ( - ) terminal. Never connect the left and right channel speaker cables each other or to the vehicle body.
-  Do not block vents or radiator panels. Blocking them will cause heat to build up inside and may result in fire.
-  After the completion of the installation and begin to play the unit (including replacing the battery), please press the **RESET** button on the front panel with pointed objects (such as ball-point pen) to set the unit to factory settings.

## Precautions

☞ This unit can play the following discs only.

Type of disc	Label on the disc	Recorded material	Size of disc
DVD		Sound and moving Pictures	12cm
VCD		Sound and moving Pictures	12cm
MP3/MP4	MP3/MP4	Sound and moving Pictures	12cm
CD		Sound only	12cm

Note: 1. The unit is compatible with DVD.VCD1. 0/ 2.0/3.0 DVCD.CD-RW. CD-R.PICTURE-CD version Disc.

2. The manual conforms to DVD VCD MP3 and CD If no DVD VCD or MP3 on some models,you should ignore them. While enjoying DVD VCD MP3 and CD. the display will automatically identify the discs and indicate the corresponding words.

☞ Do not attempt to modify the unit, modifying the unit may cause damage.

— Do not use your CDs with paste residue or ink attached .

☞ Stop the vehicle before carrying out any operation that could interfere with your driving.



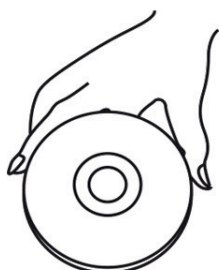
— Do not use CDs with labels or stickers attached .  
(Shown as picture)

☞ Do not work in extreme high or low temperature inside the vehicle is between +55°C and -20°C before turning your unit on .

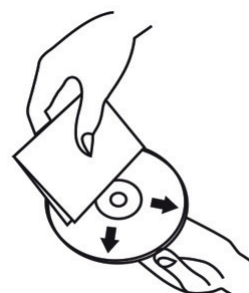


☞ To enjoy optimum sound and images while playing , handle the discs as follows:

— Handle the disc by its edge to keep the disc clean, and do not touch the surface.



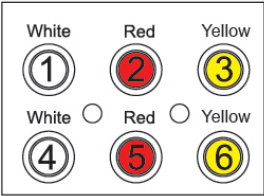
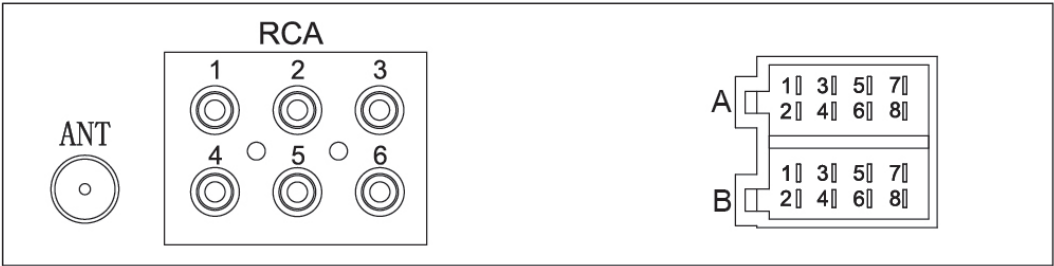
— Clean the discs with soft, dry cloth .Wipe each disc from the centre out. (Shown as picture)



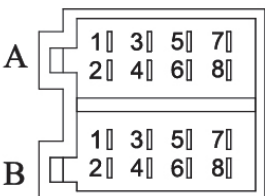
# Wiring Diagram

## STANDARD CONNECT

### Wiring Diagram

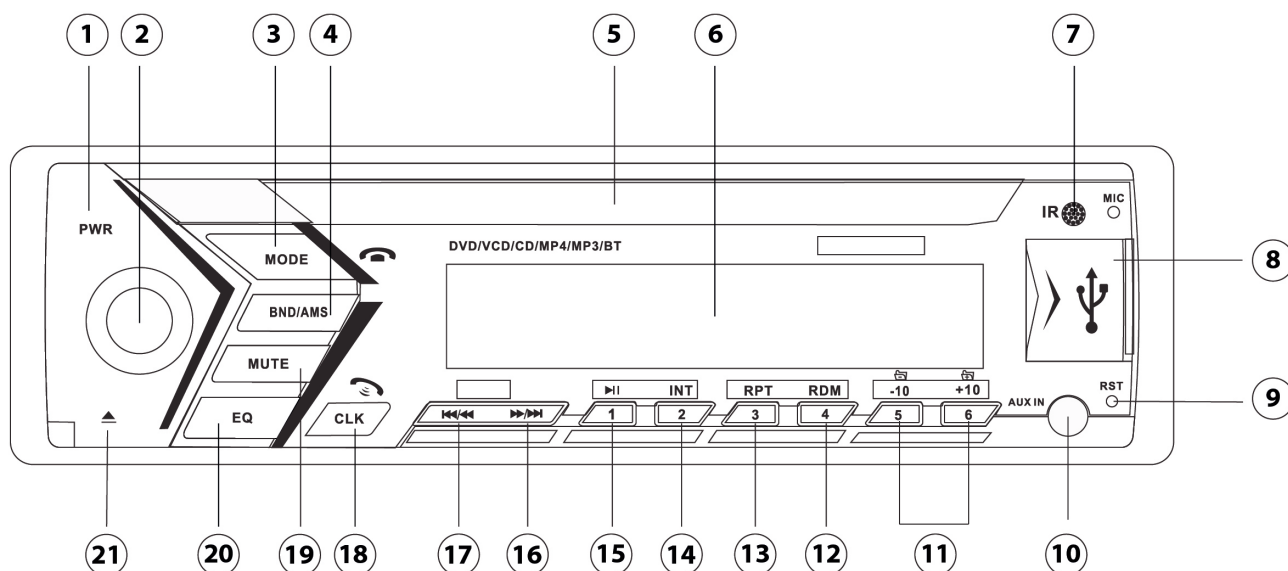


RCA	
1	RCA-FL(White)
2	RCA-FR(Red)
3	VIDEO(Yellow)
4	RCA-RL(White)
5	RCA-RR(Red)
6	VIDEO(Yellow)



A:Speaker connection	B:Power connection
1>Rear Right Speaker+(Violet)	1>NC
2>Rear Right Speaker-(Violet/black)	2>NC
3>Front Right Speaker+(Grey)	3>NC
4>Front Right Speaker-(Grey/black)	4>Battery(yellow)
5>Front Left Speaker+(White)	5>Auto Antenna output(blue)
6>Front Left Speaker-(White/black)	6>NC
7>Rear Left Speaker+(Green)	7>Lgnition Key ACC(red)
8>Rear Left Speaker-(Green/black)	8>Ground(black)

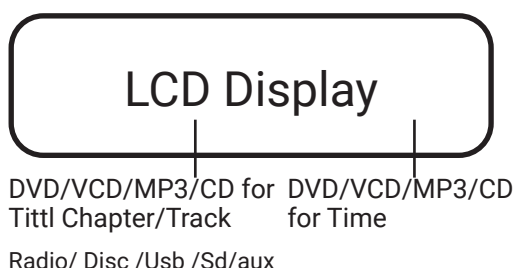
## Location of the Control



1. Power On/Off
2. Volume Control Dial
3. Mode Button/End call
4. Band Selector
5. DISC Slot
6. LCD Display
7. Remote Control Receptor
8. USB In
9. Reset Button
10. AUX In
11. Number Buttons for radio /DISC/USB/SD
12. Random
13. Repeat
14. Number Buttons for radio /DISC/USB/SD
15. Disc play/pause
16. Seek down (Tracks down )
17. Seek up (Tracks up)
18. Clock Button/Answer call
19. MUTE On/off
20. ST(L/R) Audio pilot
21. Eject Button

## Basic Operation

### Display Screen



### Initial System Start-up

1. Operating the unit for the first time or after replacing the car battery, you must reset the unit. Press **9** (RST) button with a pointed object (such as a ballpoint pen ) to set the unit to factory setting.

*Note : If some errors occur in the LCD display , you can also press R E S E T button to resume to normal. And it will erase the clock setting and some memorised functions.*

### Turning the Unit On/Off

#### Power On/Off

2. Press **1** (PWR) button to turn on the unit, and press it again to turn off the unit.

### Vol/Bass/Tre/Bal(L-R)/

### Fad(F-R)/LOUD/EQ Selector

For Volume Control **2**, rotate VOL dial clockwise to increase the sound level, and rotate it anticlock wise to decrease the sound level.

Repeatedly press **3** (SEL) button to select the desired mode in the following order:



### Repeat Playing

During DVD mode, Press (RPT) to repeat at the current track being played. Press it again to repeat playing all the tracks. The third press cancel the repeating function.

### 18 Clock Button

Press clock button **18** on, then press seek up for hour 0~23 and press seek down for munutes 0~59.

Press **18** again to exit.

## Basic Operation

### Turning ST/AUDIO

5. Press **20** (L/R) button to increase the ST for FM stereo/Mono Disc L/R

### AUX IN

6. **10** Aux In for audio input L and R  
7. **15** Disc play/pause

### Mode Selector

8. Press **3** ( M O D E )button to select radio mode or DISC/USB play back mode and AUX in .

### Senor

9. Receptor for the card remote commander (for remote control version only).

10. **4** Band Selector  
radio to fm/am,dvd to pal/ntsc/auto sys

11. **17** SEEK UP/SKIP BACK  
Tune radio station or skip back;

12. **19** MUTE On/off

### USB IN

13. **8** USB input can auto play;

14. **16** SEEK DOWN

Tune radio station or skip forward.

15. **14** Number Buttons

**1~6** for radio,

Disc/usb **1**=play/pause, **2**=stop, **3**=repeat, **4**=enter, **5**=fast rewind  
**6**=fast forward

### EJECT BUTTON

16. Press EJECT button **21** to eject the disc, OPEN will appear on display  
EJECT button only for DISC mode .

17. **5** DISC Slot

18. **6** LCD Display

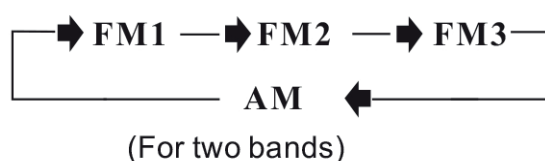


## Radio Operation

*Note: This window is used for the unit with remote control function. Without this function, you should ignore the operation contents about remote control function.*

### Band Selector

1. Press **4** (BAND) button repeatedly to select bands in the following order:



### Radio seek UP/DN

2. Press **17/16** (UP/DN) button to select radio seek UP/DN.

### Tuning /Fast Rewind/Forward

Tuning radio mode, continuously press (**—⏮** or **⏭+**) button to automatically search a station downward or upward respectively until it finds a station. If pressed for more than 3 seconds, the radio will hold (**—⏮** or **⏭+**) button for manual search a station downward or upward respectively;

## DISC/USB/BT

## DVD.VCD.MP4.MP3.CD Operation

### Bluetooth MODE

#### Setting Up Bluetooth:

Turn on BT setting on phone. Select CAR BT under devices. BT will auto connect when selected.

#### Stream music:

- Select mode button on stereo **3**
- Press the mode button until the display shows BT

### Number Buttons

#### 1~6 Number buttons for radio only

3. (1~6) Number buttons can help you store your favorite station by pressing any one of the number buttons. You can follow the steps as below:  
Press and hold any number button until <ch> appears in the LCD display when receiving a station. The is Station will already be stored in the corresponding number button. (See the picture)  
You can store up to 18 FM stations, up to 6 AM stations.

*Note: Working at 3 band fm for 1 band am. Represents*

#### **AS/PS(auto seek search tuning)**

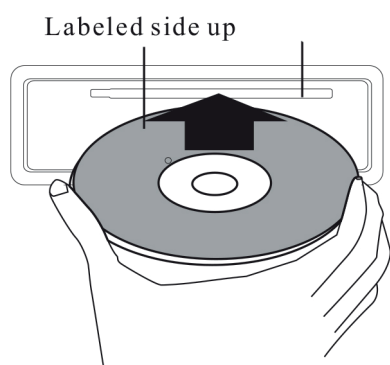
4. By pressing shortly, the radio searches for each preset station when field strength level is holding at than the threshold level of stop level the radio is holding at that preset number for 5sec with releasing mute and then searches again by pressing longer than 1sec, and then 6strongest stations are preset to the corresponding preset number. When as operation is finished, the radio executes the pre-set scan.

### USB MODE

Plug USB with music on into USB connection to play **8**.

## DVD, VCD, MP3, CD Operation

3 . To listen to (or to watch) a DVD, VCD, CD, MP3, insert a CD (with labelled side up ) into the CD SLOT **5**. The mechanism will automatically switch on. If a CD is loaded, press **3** MODE button for Disc to start playing.



To listen to ( or to watch) MP3, CD-RW, insert a CD into the CD SLOT **5** ,the mechanism will automatically switch on. The menu on the disc will display to select playing pictures or music.

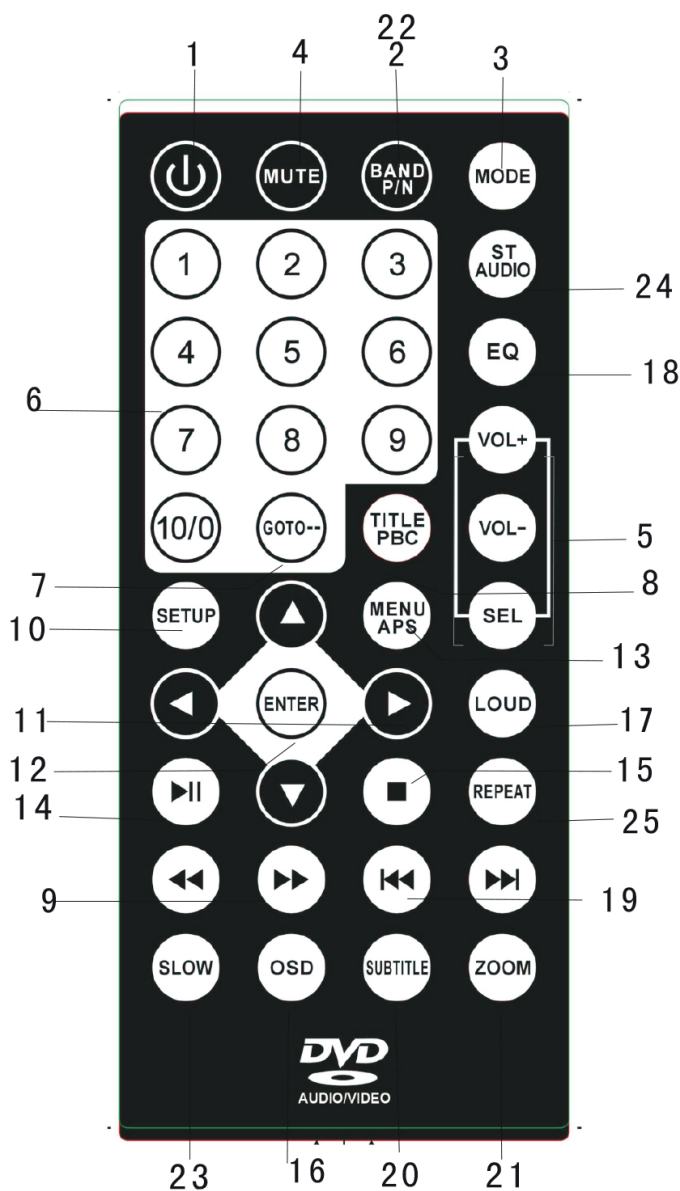
### A. Main menu operation:

Press **11** ( ) key on remote control to choose your desired contents and it will display on TV screen. Press ENTER key or press to confirm. If you want change the contents you selected press (return) key to re-select.

### B. Secondary menu operation:

If " "mark shows on screen after you selection, it's means contain next secondary menu, press (ENTER) key in succession to select desired contents.

## Location of the Remote Control



- 1** Power ON/OFF
- 2** Band /Pal/Ntsc/Auto sys
- 3** Mode
- 4** MUTE
- 5** Volume up/down
- 6** Number Button
- 7** OSD/goto
- 8** TITLE
- 9** F.F/F.REW
- 10** Setup
- 11** Selecting direction
- 12** Enter
- 13** Menu/APS
- 14** Pause/Play
- 15** Stop
- 16** OSD On/Off
- 17** LOUD
- 18** EQ
- 19** SEEK /Track up/down
- 20** Subtitle-setting
- 21** Zoom
- 22** P/N
- 23** Slow
- 24** AUDIO/ST
- 25** Repeat

## Replacing the Battery

### Replacing the Battery

When the battery becomes weak, the range of the card remote commander becomes shorter.

Replace the battery with two Alkaine AAA batteries. Make sure of the battery polarity.

### Main key

#### 1. Power Button

— Press **1** (Power) button to turn On/Off the power.

#### 2. Band

During radio mode, press **2** (BAND) to switch receiving Band: FM1.2.3--AM

#### 3. Mode

— Press **3** (MODE) button to **FM&AM--DVD--AUX(Optional)**

#### 4. MUTE

**MUTE** button to turn On/Off the mute;

#### 5. Volume Increasing/Decreasing



Press( VOL+ or VOL- ) button to increase or decrease the volume level respectively 0--40; BASS +/-10,treber +/-10, balance+/-10, fader +/-10, loud on/off, EQ flat/class/pop/rock/disp off/ and disc/usb/sd number 0-500 track;

# Remote Control Operation

## DVD(DVD/VCD/MP3/CD)KEY ONLY

### 6. Number buttons

The number (0~9,10+) buttons

During the playing mode, you can select any track directly by using (6) number button (0~9,10+) for example, if you need the fifteenth track, you can first press button 10+ and then press button 5, the corresponding track 15, will be played.

*Note: vcd-PBC mode play, number button is not functional*

### 7. On-Screen Display/GOTO

Press **7** button. The Video shows: A) TITLE:  
B) CHAPTER:  
C) TIME:

### 8. TITLE KEY

— DVD, playing mode, Press **8** tracks (TITLE) key to show all tracks title on TV screen. Then press ( 0 ~ 1 0 + ) key or press **6** key to choose your desired track number and press **12** (ENTER) key or **14** to start.

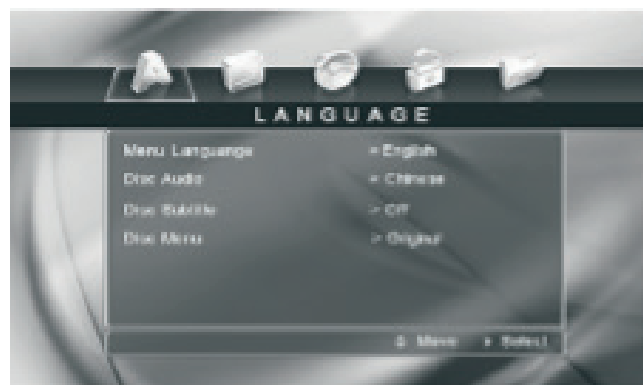
*Note:*

1. No title display in MP3, CD mode
2. For choose a desired language to press title key.

### 9. FAST FORWARD/REWIND

During the playing mode, press **9** button to fast rewind or fast forward for you to reach your desired quickly.

### 10. SYSTEM SETUP MENU



A) You will first see the **LANGUAGE** menu page when the setup menu is brought up, as illustrated above.

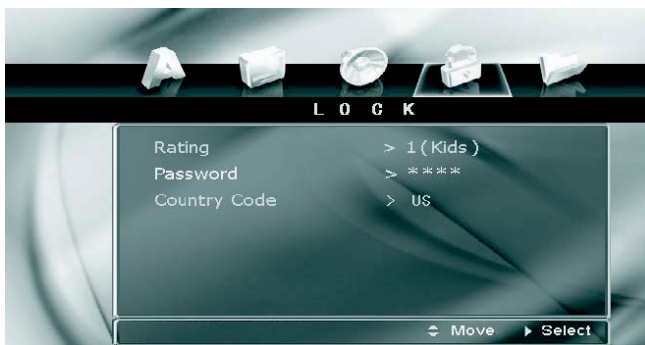


B) You will first see the picture as shown above after you enter the **DISPLAY** setup menu page.

## Remote Control Operation



C) You will first see the picture as shown above after you enter the **AUDIO** setup menu page.



D) You will first see the picture as shown above after you enter the **LOCK** setup menu page. The page is used to set the **PARENTAL** control.

*Note: when locked password, But disremember it, must to select LOAD DEFAULT > SELECT enter.*



E) You will first see the picture as shown above after you enter the **OTHER** setting page. The page is used to set the control.

## Remote Control Operation

### 11. Selecting direction

#### UP/DOWN/LEFT/RIGHT



### 12. ENTER

The UP/DOWN/LEFT/RIGHT and ENTER are driver selecton you want to playback

### 13. MENU/APS

**When you insert a DVD disc into the DVD player and start to play it:**

The unit will automatically start the playback from the beginning of the disc, and then the MENU will be brought up. Press **Up/Down/Left/Right** to move the highlight in the MENU.

Press **Enter** on the selected option

When VCD mode control PCB ON/OFF  
*Radio AS/PS (auto seek search tuning)*

### 14. Pause/Play Button

Press **14** (▶||) button to pause the playback of CD, MP3, VCD.

DVD.USB,SD Press it again to return to normal playback mode.

### 15. STOP Button 15

Stop the current disc playback. Press **STOP** to enter the resume stop mode.

Press **PLAY** under the resume stop mode to resume the playback from the location where you stopped the playback previously. Press STOP two times consecutively to enter the clear stop mode. Under the clear stop mode, if PLAY is pressed, the disc will resume the playback from the beginning of the disc.

### 16. OSD

**16** O S D O n / O f f (on screen display)

### 17. LOUD

**17** Loud on/off,

### 18. EQ

**18** EQ to flat ,class,pop,rock disp off

### 19. TRACK

Press (◀◀<sub>TRACK</sub>▶▶) button, you can select your desired portion downward or upward respectively

**19** Radio SEEK /Track up/down



## DVD, VCD, MP3, CD Operation

### 20. SUBTITLE

Press **SUBTITLE** once to bring up the subtitle information shown on the top right corner of the screen.

### 21. ZOOM

The **ZOOM** feature allows you to magnify a certain area on the images recorded on the DVD, VCD and other image discs.

### 22. PAL/NTSC/AUTOMATIC

3 selections of TV color signal system are provided: NTSC, PAL or Automatic mode.

### 23. SLOW

Slow / REV Slow:

Press **Slow / REV Slow** during the playback mode to execute the **Forward/Reverse Slow** function. When the unit is under the **FWD/REV Slow** mode, the picture of the screen will move on slowly, and the sounds will be halted. With each consecutive press of **Slow / REV Slow**, the playback speed decreases. There are 5 speed levels in Forward/Reverse Slow: X1/32, X1/16, X1/8, X1/4, X1/2.

Press **PLAY** to resume the normal playback. Please note that the Reverse slow function is only valid in DVD disc playback.

### 24. L/R(AUDIO)

Press **AUDIO** one time to bring up the audio information shown on the top right corner of the screen. You will see the language selected and the digit audio output information.

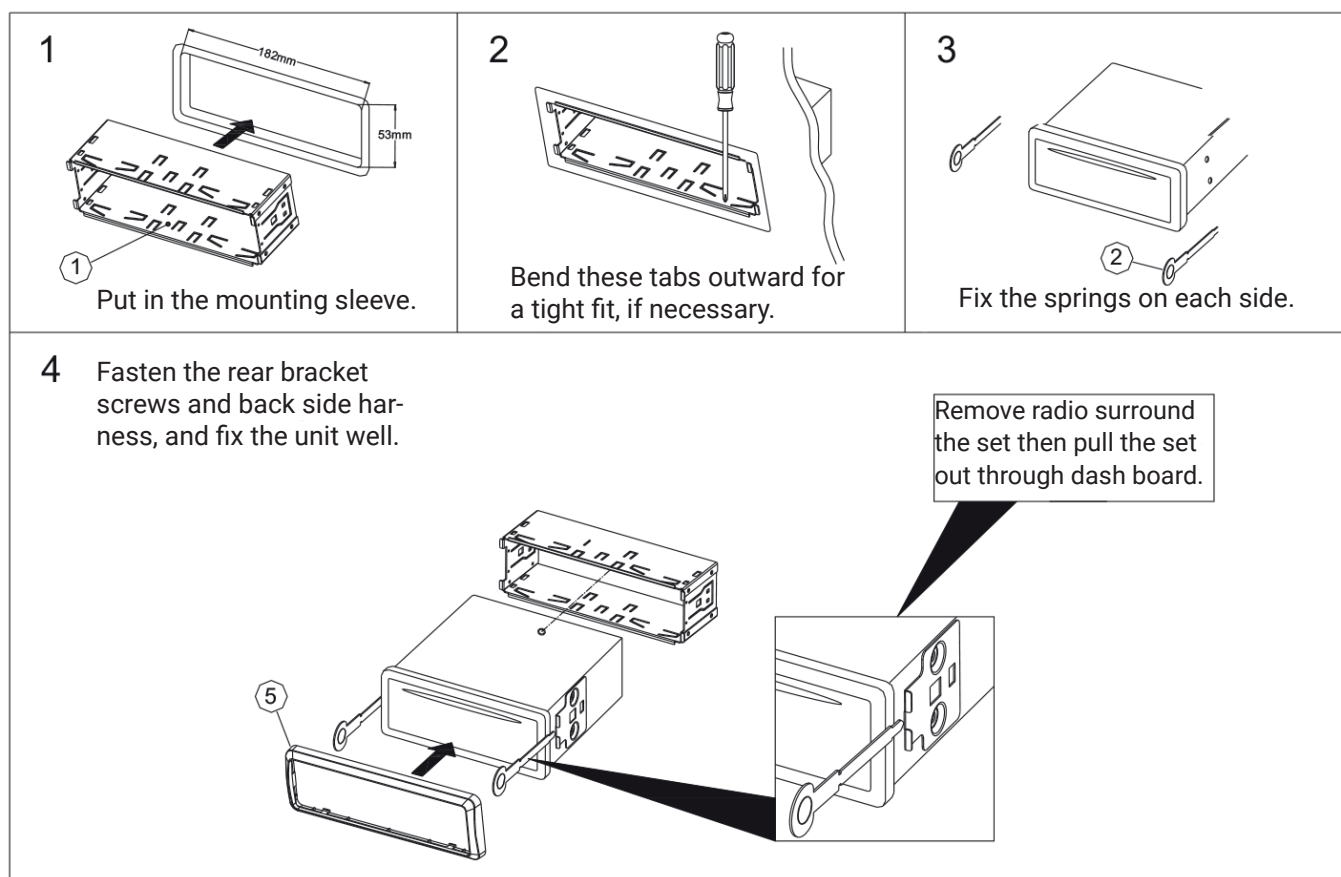
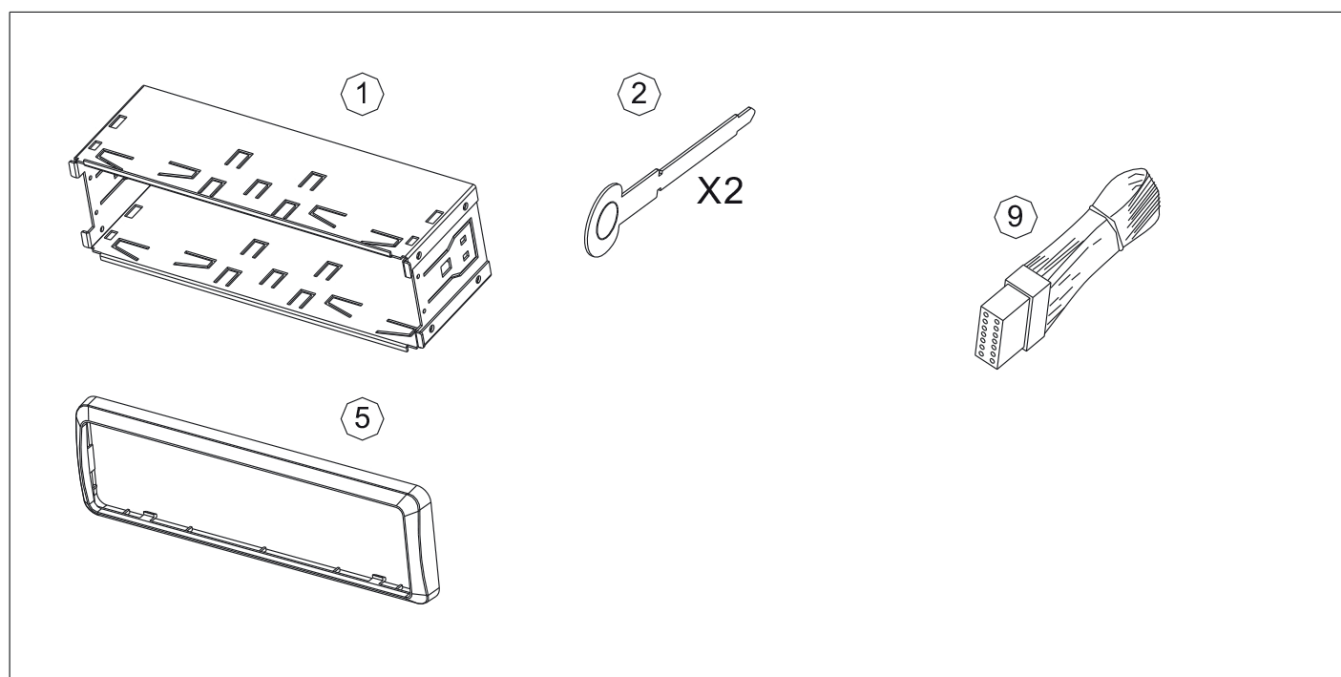
### 25. REPEAT(1/ALL REPEAT)

**1/ALL Repeat:** Press **1/ALL Repeat** if user wants to repeat the whole disc or a specific track/chapter of the disc.



# Installation

**Parts List** (The number in the list are keyed to those in the instructions)



# Specification

## General

Power Requirements.....	12V DC
Load Impedance.....	4 OHM
Max. Power Output.....	50Wx4
Tone Controls.....	±8~12dB(Bass 100Hz, Treble10KHz)
Dimensions .....	Approx.192x178x50mm(dxwxh)
Mounting Dimensions.....	Approx.169x182x53mm(dxwxh)
Weight.....	Approx. 1.75kg

## DVD Deck Section

Discs Played .....	MP4,DVD,VCD1.0/1.1/2.0/3.0,MP3,CD,CD-R,CD-RW,PICTURE-CD
Video System.....	AUTO/PAL/NTSC
Mounting Angle.....	0 to +/-25°

## Video Section

Video System.....	4:3 Letter Box and 4:3 Pan Scan
Video Output level .....	1.0Vp-p 75 ohms
Horizontal Resolution.....	500

## Audio Section

Maximum Output level.....	2Vrms(+/-3dB)
Frequency Response.....	20 to 20Khz
Signal-to-noise Ratio.....	85dB
Separation.....	80dB

## AM Tuner Section

Frequency Range .....	522-1620(Europe/China),530-1710(U.S.A )
IF Range .....	10.7MHz
Usable Sensitivity(-20dB).....	25dB

## FM Tuner Section

Tuning Range.....	87.5-108(Europe/China),87.5-107.9(U.S.A)
IF Range .....	10.7MHz
Usable sensitivity (-30dB).....	15dB
Signal-to-noise Ratio .....	60dB
Stereo Separation.....	30dB(1KHz)
Frequency Response.....	30~12000Hz

*Note: Due to continuous product improvement, specifications and design are subject to change without notice.*

## Simple Troubleshooting Guide

Problem	Cause/Solution
No power	<ul style="list-style-type: none"> <li>• Check and make sure whether the fuse is blown, replace with the proper value if necessary.</li> </ul>
Some errors occur in the <b>LCD</b> or no function when pressing the button.	<ul style="list-style-type: none"> <li>• Press the R E S E T button.</li> </ul>
Unable to receive stations.	<ul style="list-style-type: none"> <li>• Check and make sure whether the antenna is inserted or the antenna is properly connected.</li> </ul>
Poor effect on receiving a station.	<ul style="list-style-type: none"> <li>• Antenna may not be the proper length. Make sure the antenna is fully extended and not broken. If broken, replace the antenna with a new one.</li> <li>• The broadcasting signal is too weak.</li> <li>• The antenna is poorly grounded, check and make sure the antenna is properly grounded at its mounting location.</li> </ul>
A <b>CD</b> cannot be loaded.	<ul style="list-style-type: none"> <li>• A CD is loaded in the mechanism.</li> </ul>
The stereo indicator is flashing.	<ul style="list-style-type: none"> <li>• Tune in the frequency accurately.</li> <li>• The broadcasting signal is too weak.</li> </ul>
No picture.	<ul style="list-style-type: none"> <li>• The Video line from main unit to the <b>TV</b> is not connected properly.</li> </ul>
The picture noise appears.	<ul style="list-style-type: none"> <li>• Improper setting of the colour system. Set the colour system to "<b>PAL</b>" or "<b>NTSC</b>" according to the connected television.</li> <li>• The <b>CD</b> is dirty or damaged.</li> </ul>

*Note: If any of the problem persist after check list had been made, consult your nearest service dealer. Never attempt to disassemble your unit by yourself.*

## Warranty & Product Inquiries

1 year warranty from date of purchase. For warranty evaluation, the purchaser must return the product to the dealer.

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Australian distributor ONEX - (03) 8354 550 [www.onex.com.au](http://www.onex.com.au)