HITACHI

AX-M138

Instruction Manual
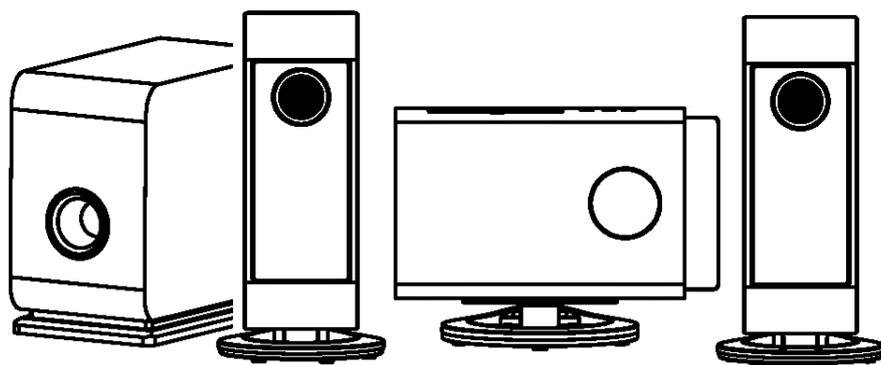
Mini Hi-FI Component System

Table of Contents

Before Connection

For your safety

CAUTION **RISK OF ELECTRIC SHOCK** **DO NOT OPEN** **CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit. This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Caution:
To prevent fire or shock hazard, do not expose this equipment to rain or moisture.

Power Requirement
Because the power requirement of electrical products is different in various places, before you use this product, make sure that the power requirement of the product matches your household power.

Laser Product
This product is equipped with low power laser equipment inside. For your safety, don't take apart any covers or try to take apart the product inside. Please contact an authorized service person for repairing.

**CLASS 1
LASER PRODUCT**

Caution:
This product is equipped with low power laser equipment inside, for your safety, don't open the laser radiation protective equipment. Don't look at the laser radiation when the equipment is operating.

SOME DOS AND DON'TS ON THE SAFE OF EQUIPMENT

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

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DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and interconnections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment

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DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment and don't handle the power cord with wet hands.

DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use makeshift stands and **NEVER** fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

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ABOVE ALL,

NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;

NEVER guess or take chances with electrical equipment of any kind... it is better to be safe than sorry!

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* Before operating this system, check the voltage of this system to see if it is identical with the voltage of your local power supply.

* Unplug the system from the wall outlet if it is not used for a long time. To disconnect the cord, pull it out by grasping the plug

* To avoid electric shock, do not open the cabinet.

* There are no user serviceable parts inside. In case of system failure, unplug the power cord and consult your dealer

* Do not place this unit on an unstable or sloping surface. Ensure good ventilation surrounding the product. To prevent fire, do not cover the ventilation of the apparatus with news papers, table-cloths, curtains, etc.

* Do not place this unit close to strong magnetic field.

* Don't place this unit close to dampness, or the moisture will affect the life of the laser head.

* If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the player. Should this occur, the system will not operate properly. Remove the disc and leave the system turned on for about an hour until the moisture evaporates.

* Should any solid object or liquid fall into the system, unplug the system and have it checked by qualified personnel before operating it again.

* Do not use attachments not recommended by the product manufacturer as they may cause hazards.

Control Section

Main Set
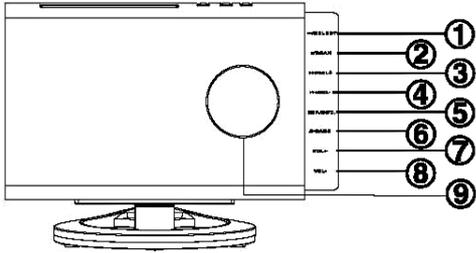
1. Play/Pause /Select
2. Stop/Auto Scan
3. Next /Search Forward
   Select Up
4. Previous/Search Backward
   Select Down
5. Repeat
   Information
6. S-Bass
7. Volume Up
8. Volume Down
9. VFD Display Lens
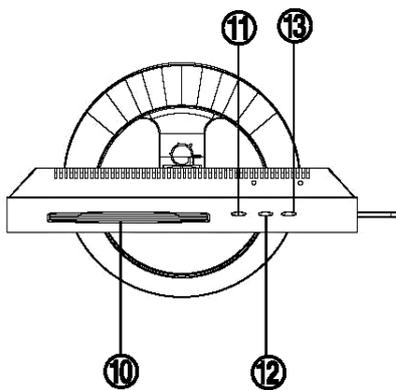
10. Disc Tray
11. Eject
12. Function
13. Standby
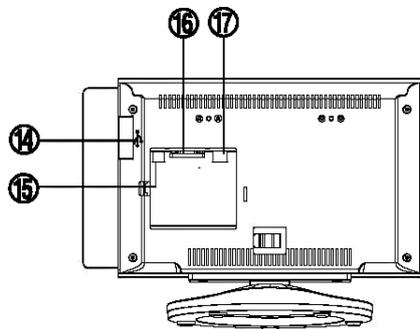
14. USB Jack
15. A / V Out
16. Connect to Sub-Woofer
17. Connect To Video Box

Sub-Woofer
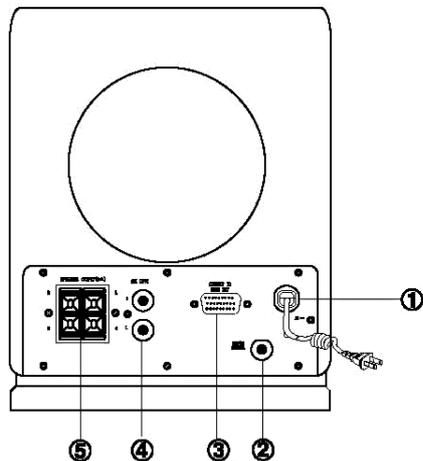
1. AC Power Cord
2. DAB/FM Antenna
3. Power Control Cable Socket
4. AUX Input Terminal
5. L&R Speaker Output Terminals

Video-Box
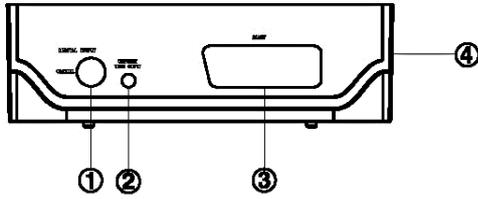
1. Coaxial Output Terminal
2. Component Video Output Terminal
3. Scart Socket
4. Connect To The Main Set

Remote Control
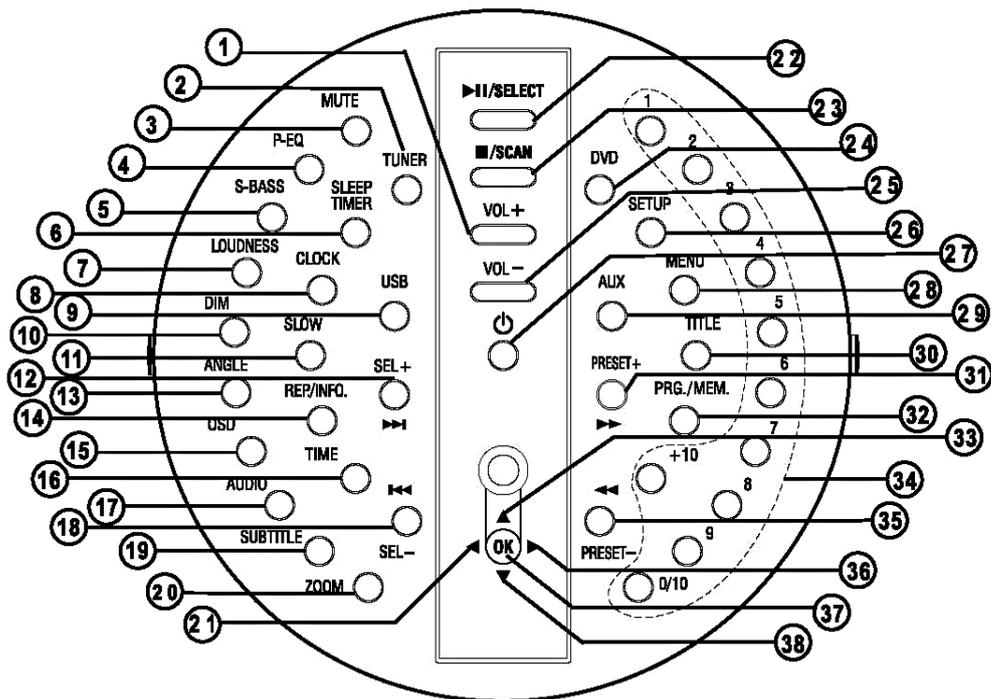
1. Volume Up Button
2. Tuner Function Button
3. Mute Button
4. Preset Equalizer Button
5. Super Bass Button
6. Sleep Button
   Timer Button
7. Loudness Button
8. Clock Button
9. USB Function Button
10. Clock Dim Button
11. Slow Display Button
12. Next Button
    Select Up Button
13. Angle Button
14. Repeat Button
    Information Button

15. OSD Button
16. Time Search Button
17. Vocal Mode Select Button
    Language Select Button
18. Previous Button
    Select Down Button
19. Subtitle Button
20. Zoom Button
21. Direction Button (◄)
22. Play/Pause Button
    Select Button
23. Stop Button
    Auto Scan Button
24. DVD Function Button
25. Volume Down Button
26. Function Setting Button
27. Standby Button

28. PBC Button
    Menu Button
29. AUX Function Button
30. Title Button
31. Fast Forward Button
    Preset Up Button
32. Program Button
    Memory Button
33. Direction Button (▲)
34. Number Buttons
35. Fast Reverse Button
    Preset Down Button
36. Direction Button (►)
37. OK Button
38. Direction Button (▼)

Wall Mounting Instructions

Main Set
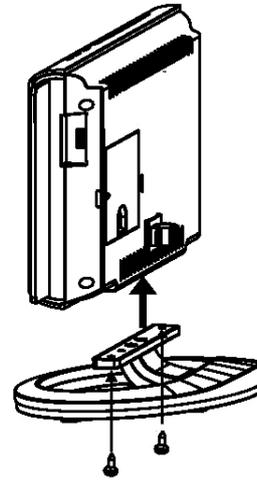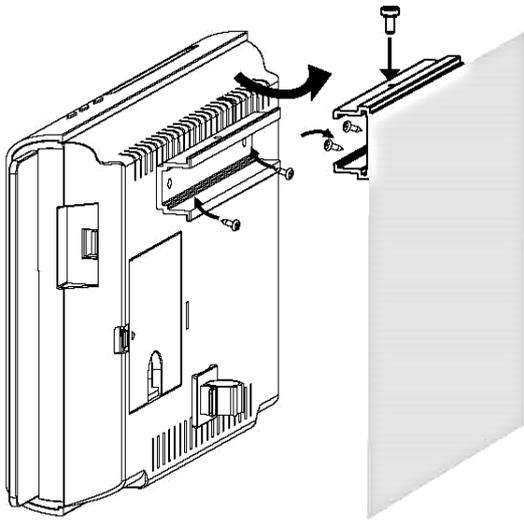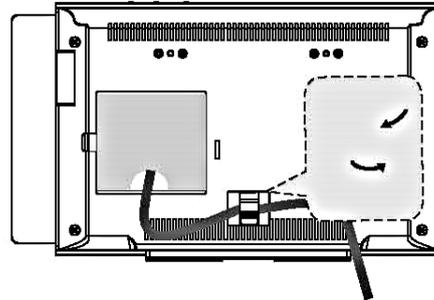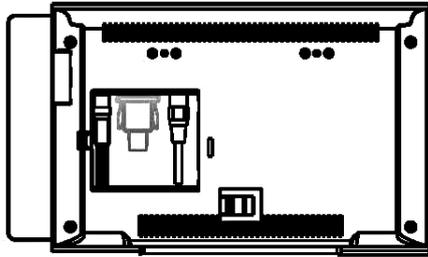
1. Connect all cables and secure into place using the clips on the back of the unit.
2. Fix the wall bracket in place using two screws ensuring the locking pin hole is facing upwards.
3. Screw the second part of the bracket in place using the two screws, ensuring the locking pin hole is facing upwards.
4. Slide the unit onto the wall bracket and secure in place using the locking pin.
5. The unit can also be mounted on a stand. Place the unit on the stand and secure into place using the screws provided.

Speakers
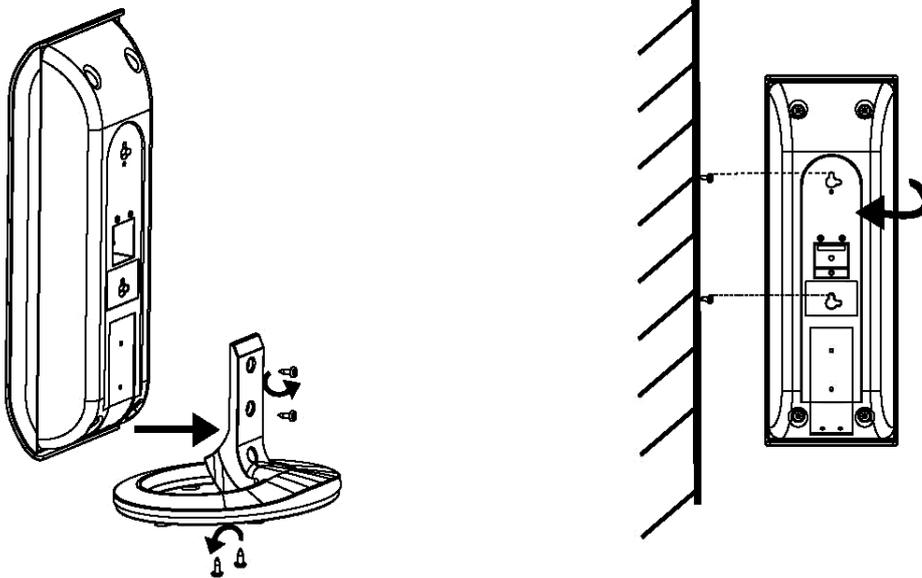
1. Fix the two screws to the wall ensuring they are equal distance to the holes in the back of the speaker. Hang the speaker from the screws.
2. You can also attach the speakers to a stand by securing the screws underneath and at the back of the speaker.

Video-Box
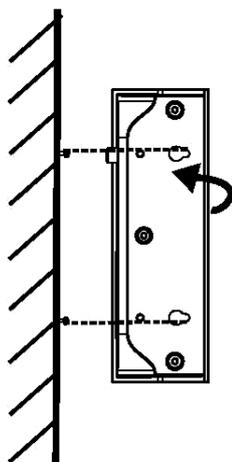
1. Fix the two screws to the wall ensuring they are equal distance to the holes in the back of the video box. Hang the video box from the screws.

Connection

Caution: Please turn off the power before connecting.

Connect to the TV

Terminal board for the DVD player

Terminal board for Video -Box

Connections to TV

TV
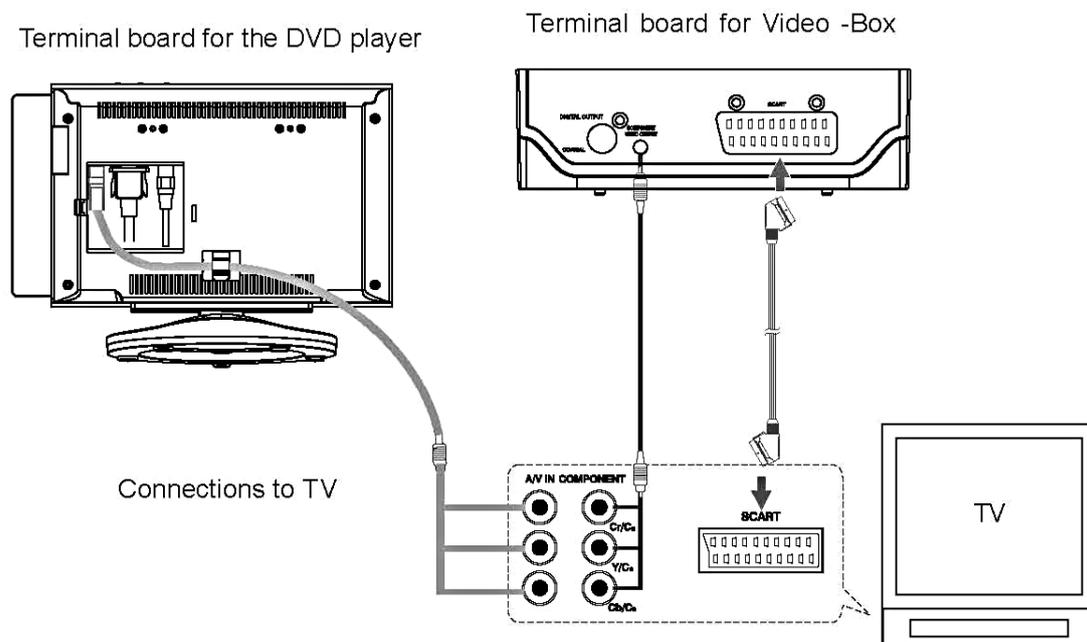
Safety precautions

1. This DVD player has video output mode, you can choose it to connect with the TV terminal.
2. If your TV has component input terminal, then you can use the signal connecting cable to connect with the DVD player's component output terminal. By doing so, the picture will be more clear.
3. To avoid affecting the picture output, don't connect video, SCART, component at the same time.
4. DVD Player setting
* According to the colour system setting of theTV, select the colour system in the "TV MODE" function setting.
* If the DVD player is connected to wide screen TV, then set "TV TYPE" to "16:9" in the system setup item.
* If the DVD player is connected to normal TV, then set "TV TYPE" to "4:3PS" or "4:3LB" in the system setup item.

Connecting the Antenna

Connect the supplied antenna to the antenna socket on the terminal board of the sub-woofer.

Tighten the antenna rod clockwise on the base of the antenna
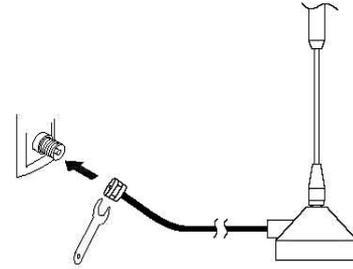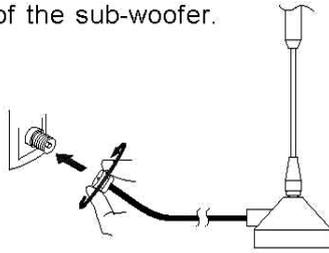
The antenna should be connected to the antenna socket, tighten the antenna by hand with tool supplied. (**Please note:** Do not overtighten,this could damage the antenna or it's fittings.)
Position the antenna for the best reception.

Warning: The antenna supplied has a magnetic base. It must not be placed on any products that are sensitive to magnetism, such a TV's and computers as this may cause damage.

Connecting Sub-Woofer

Connect signal line between the main set and the sub-woofer back board.

Terminal board for Main Set

Terminal board for Sub-Woofer
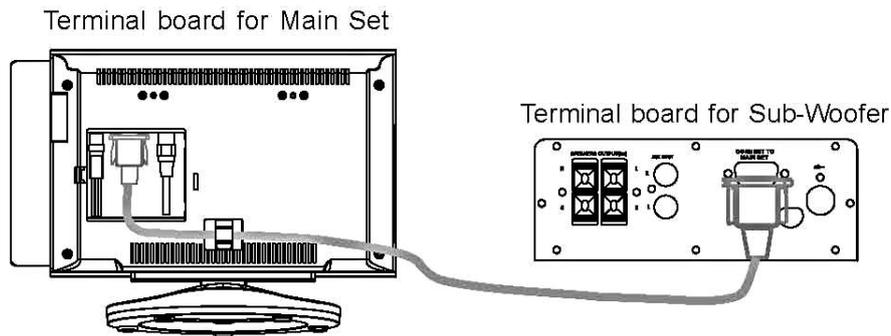
Note: The smaller end of the signal line shall be plugged into socket of the main set terminal board and the other end with two screws shall be tighten to the terminal board of the sub-woofer.

Connecting AUX
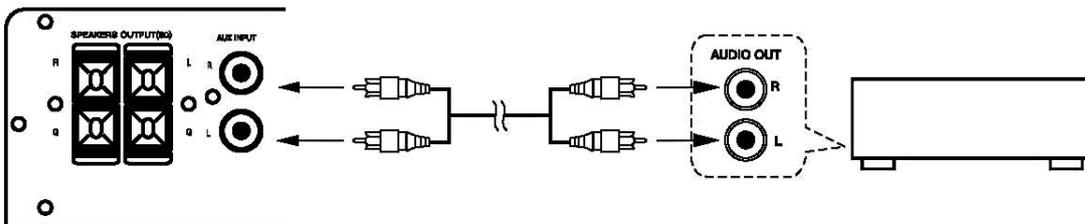
This sub-woofer has a group of audio input terminals, you can use signal line to connect audio input terminals of this unit and audio output terminals of other equipment respectively, then you can hear the sound sources.

Cautions:

AUX

Press the AUX function button once to select AUX function.
When you are connecting AUX audio terminals, please press this function button.

Connecting the Speakers
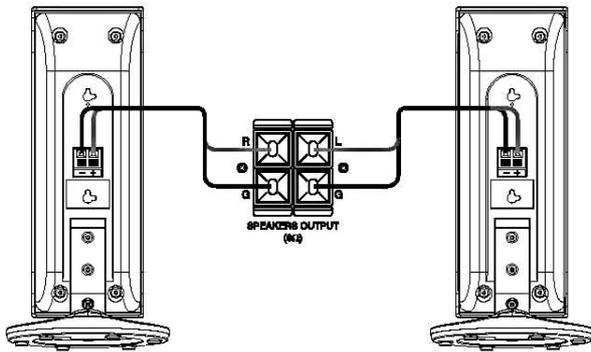
Connect the speaker cords between the terminals as shown below.
Connect the cords with a silver line to the (+) (L) (R) terminals and cords with a gold line to the (-) (G) terminals.

Connection precautions

1. This unit has a high power output and wide dynamic range. If speakers other than those supplied are used, they must be chosen according to speaker specification, or the speakers may be damaged.
2. Before connecting or removing mains power, please turn off the power on the unit and turn the volume to minimum or it may damage the speakers.

Connecting the Video-Box

Connect the signal line between the terminal boards as shown below.

Terminal board for Main Set

Terminal board for Video-Box
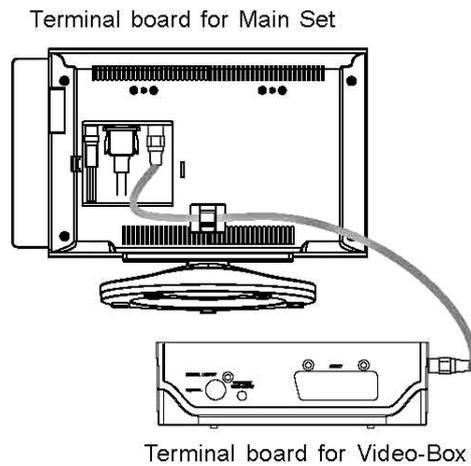
Note: The video-box is an accessory. You can use it or not according to your need.

Connect to an Amplifier With Digital Signal Input Terminal

DTS, Dolby Digital signal decodes
amplifier

Terminal board for the video-box
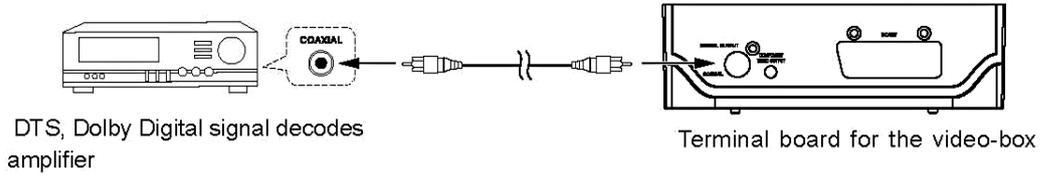
Connection precautions

Use coaxial signal wire to connect coaxial output jack of the sub-woofer with coaxial input jack of other amplifier, then you can hear the super digital sound effect .

Connecting the AC Power Cord

Insert the AC power cord into a wall outlet.

Caution: Be sure to unplug the power cord from the outlet when going away or the system is not in use for an extended period of time.

Installation of Batteries in the Remote Control

1. Remove the battery compartment cover.
2. Insert two batteries (size AAA) correctly, so that the + and - polarities match the polarity diagrams in the battery compartment.
* About half a year of normal operation can be expected when using the general batteries.
* When the batteries are exhausted, the commander can no longer operate the system. Replace both batteries at the same time with new ones.
* Don't use an old battery with a new one.
* Don't use different types of batteries together.
* When the unit is not used for a long period of time, remove the batteries to avoid damage caused by battery leakage and corrosion.

Turning the Power On and Off

You can use all the functions on the panel of the unit or the remote control after turning the system power on (called Standby Mode), the clock will display on the VFD.

Turning the System On

Press the standby button (STANDBY) to turn the system on from standby mode.

Caution: When turning the system on, the system will continue in the mode it was in when it was turned off last time.

Turning the System Off

Press the standby button (STANDBY) again to turn the system off (called Standby Mode), the clock will display on the VFD.

Caution: Be sure to unplug the power cord from the outlet when going away or the system is not in use for an extended period of time.

Normal playing

Use the discs

DVD

In power on mode, press the DVD function button (DVD) to select DVD function.

Press the eject button on the unit to eject any disc already in order(with the printed side face to you) .Then insert the disc to play.The unit will read the disc and the disc type will display on the TV screen then play it automatically.

When the DVD has loaded if a menu is diaplayed. Press the direction buttons (▲,▼,◄, ►) to move the cursor to illuminate the desired item in the menu.
Press the confirmation button (OK) to enter menu you selected.

▶II/SELECT

In stop mode, press the play/pause button to start playing the disc.
When playing disc, press the play/pause button to temporarily stop the playing, press the button again, it will continue to play.
(You can also operate the key "play/pause" on the unit.)

■/SCAN When playing disc, press the stop button to stop playing, the unit will store the last playing time in the memory automatically, then press the ►II button, the unit will resume to last memory time and continue playback automatically.
If you press the stop/return button (■) twice to stop the disc playing.
(You can also operate the key "■" on the unit.)

VOL−
VOL+ Press the volume down button (**VOL -**) to decrease the volume. Press the volume up button (**VOL +**) to increase the volume.
(You can also operate the key "**VOL - ,VOL+** " on the unit.)

SLOW Press the slow button (**SLOW**) repeatedly to select one of the 7 speed to slow forward play or select normal speed to play. During slow playing, press the play/pause button directly can resume the normal playing.

SF 1/2 ➤ SF 1/3 ➤ SF 1/4 ➤ SF 1/5 ➤ SF 1/6 ➤ SF 1/7 ➤ PLAY ►

LOUDNESS This unit has loudness function, it can automatically increase the bass sound effect at low volume (the higher volume, the smaller bass increase), which improves the output sound. You only need to press the loudness button (LOUDNESS) to obtain the loudness function when it is playing, "LOUDNESS" will be displayed on the VFD..

MUTE Press the mute button in playing mode to mute all sound , press the button again to resume sound. *(**Note:** The mute function applies to the unit only, it does not stop optical fiber output.)*

S-BASS Press the super bass button to reinforce the bass sound to maintain rich, full bass at low volume, press this button again to cancel the effect.

P-EQ You can adjust the sound reproduced simply by choosing from different preset equalizations. Press the preset equalizer button repeatedly to select one of the following preset equalizations:

FLAT ➤ ROCK ➤ CLASSIC ➤JAZZ ➤POPS

FLAT	: Normal sound
ROCK	: For rock
CLASSIC	: For classic
JAZZ	: For jazz
POPS	: Vocal sound is intensified
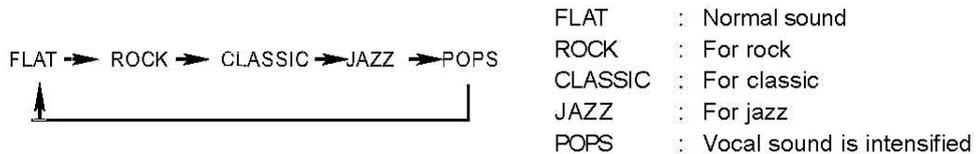
DIM This unit has several brightness levels for you to adjust the VFD screen to light or dark. In standby mode, press the clock dimmer button (**DIM**), then you can choose the lighting level you desire.

OSD

Press the OSD button to display the playing information of the disc .
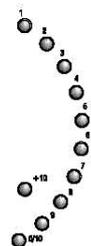
When the unit has finished reading the disc , you can select tracks or chapters by number buttons (**0/10,1-9,10+**) and play.

* If the track or chapter number is less than 10, press the **0/10,1-9** buttons.
* If the track or chapter number is over 10, press **10+** button and press the one of the **0/10, 1-9** buttons. (**Note:** If the track or chapter number over 20, press **10+** button twice and press the one of the **0/10,1-9** buttons.)

MENU

- If the disc has a root menu , it will be displayed on the tv screen. Use the **0/10,1-9,10+** buttons to select the desired track.
- When playing DVD disc, press the root button (**MENU**) to return to the root menu.

PRG./MEM.

- If your DVD disc has one or more music chapters or titles, you can setup playing order for the disc using this button. Press the program button, TV set display is as following:

PROG			
T C	T C	T C	T C
1--:--	5--:--	9--:--	13--:--
2--:--	6--:--	10--:--	14--:--
3--:--	7--:--	11--:--	15--:--
4--:--	8--:--	12--:--	16--:--
PLAY	CLEAR		

Note: T: Title
C: Chapter

  * Use the **0/10,1-9,10+** buttons to input the sequence number which you want to program playing (the first selection is title and the second selection is chapter of the programs menu.). After finishing program, Press the ▲,▼,◄,► buttons to select "Play" then press the**OK** button to start programmed play.
- If you are playing the general disc, the TV display is as following:

PROG			
1----	5----	9----	13----
2----	6----	10----	14----
3----	7----	11----	15----
4----	8----	12----	16----
PLAY	CLEAR		

  * Use the **0/10,1-9,10+** buttons to input the sequence number you want to program playing. After the program is finished, Press the ▲,▼,◄, ► buttons to select ""Play" then press the **OK** button to start programmed play.

ANGLE

You can use this function to view a DVD in different angles, if it has been recorded with this function.

If the DVD disc which you are playing is recorded by four angles, then you can repeatedly press the angle select button to select one angle to watch.

Angle 1 ➤ Angle 2 ➤ Angle 3 ➤ Angle 4

SUBTITLE ○ When you are playing the DVD disc which has been recorded with several subtitles, you can repeatedly press the subtitle button to select one of subtitle to display on the TV screen.

Chinese → English → Japanese→ ··· → [OFF]
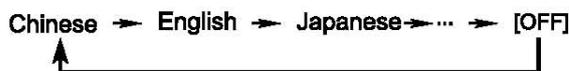
TITLE ○ In the disc normal playing mode, press the title button, this system will stop playing and enter the display mode of title menu.

AUDIO ○
- You can use channel function when playing a general disc. You can choose MONO (Mono Left, Mono Right), "STEREO" or "Mix-Mono" audio output by pressing vocal mode select button (**AUDIO**).
- When playing a DVD disc recorded with several languages, you can repeatedly press the language select button (**AUDIO**) to select one of language to play.

Audio1 → Audio2 → Audio3
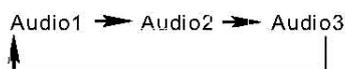
REP/INFO. ○ One title, one chapter, one track or all the disc repeat play can be set by pressing the repeat button.
- When playing a DVD disc, this function can be used to play a title, chapter or disc repeatedly.
  Press the repeat button to scroll through options:

CHAPTER → TITLE → OFF

- When playing MP3 disc, this function can be used to play a track or folder repeatedly.
  Press the repeat button to scroll through options:

REP 1 → REP DIR → REP ALL → OFF
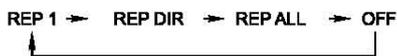
TIME ○ You may directly enter a time, title or chapter number to search quickly on a disc. The unit will play from this point.

PRESET+ ○ ►► Press the fast forward button(►►) repeatedly to select one of the different speeds to fast forward play or select normal speed play.
Note: Press the ►❚❚ button to resume normal playback.

FORWARD x2►► → FORWARD x4►► → FORWARD x8►► → FORWARD x20►► → PLAY ►

◄◄ ○ **PRESET−** Press the fast reverse button (◄◄) repeatedly to select one of the different speeds to fast backward play or select normal speed play.
Note: Press the ►❚❚ button to resume normal playback.

BACKWARD x2◄◄ → BACKWARD x4◄◄ → BACKWARD x8◄◄ → BACKWARD x20◄◄ → PLAY ►

SEL+
- When playing DVD discs, press the next button (►►I) to skip the next chapter or title.
- When playing other discs, press the next button (►►I) to skip the next track.

(You can also operate the key "►►I" on the unit.)

SEL−
- When playing DVD disc, press the previous button (I◄◄) to skip the previous chapter or title.
- When playing other discs, press the previous button (I◄◄) to skip the previous track.

(You can also operate the key "I◄◄" on the unit.)

ZOOM

This function can be used to enjoy a motion or motionless picture.
Press the zoom button when playing to scroll through the following:

ZOOM 2 ➤ ZOOM 3 ➤ ZOOM 4 ➤ ZOOM 1/2 ➤ ZOOM 1/3 ➤ ZOOM 1/4 ➤ ZOOM :OFF
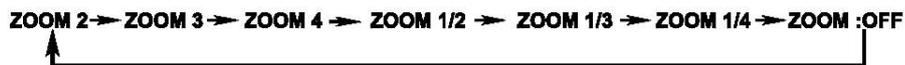
* Use the ▲,▼,◄, ► buttons to move the enlarged picture.
Note: This function is not available for CD or MP3 playback.

Playing picture CD disc

Press the eject button (▲) on the unit to open the disc tray and place the picture CD on the disc tray. Press this button again to close the disc door, the unit will read the disc and the menu screen appears on the TV.
Press the ►II button to start playing.
Picture CD: The disc is recorded in picture

When menu list display or the picture displaying on the screen, you can press the **0/10,1-9, 10+** buttons to select the desired picture in the disc and press the **OK** button to begins playing.
Note: *Play will temporarily stop the playing when the selected pictures have been played. Play will continue until press the ►II button.*

Playing a DivX disc

This DVD player supports the DivX movie playback that you download from your computer onto a CD-R/RW.
Press the open/close button (▲) on the unit to open the disc tray then place the disc on the disc tray (with the printed side up). Press this button again to close the tray, the unit will read the disc and the disc type will display on the TV screen. The disc should play automatically.

SUBTITLE
If the DivX movie contains external subtitles, the subtitle menu will appear on the TV screen for your selection.
- In this case, pressing **SUBTITLE** button will turn on or off the subtitle.
- If multilingual subtitles are embedded on the DivX disc, pressing **SUBTITLE** button will change the subtitle language during playback.
Note: * Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
     * The subtitle filename have to be the same as the filename of the movie.

DAB/FM Radio

DAB Playing

1. Press the function button (FUNCTION) on the front of the unit "Tuner" is displayed.
2. Press DAB/FM on remote control to select DAB or FM
3. If you select the DAB, the display shows

```
DAB
RADIO
```

4. Press the SCAN button on remote control or top of the unit, to run the Quick Scan, and display shows

```
QUICK
SCAN
```

5. Press and hold for 2 seconds, the unit will run Full Scan, and display shows

```
FULL
SCAN
```

Besides the Quick and Full Scan, you also can use the search function to locate your desired station

A. Normal Search

1. In the current station, press SEL - / SEL+ on remote control or top of the unit
2. Press SELECT on remote control to confirm

B. Secondary Component

1. In the current station, press SEL - / SEL+ on remote control or top of the unit
2. The display shows

```
BBC N
TUNE
```

It means action in processing
And below display will follow

```
BBC N
BBC -
```

"– "means including secondary component services

3. Press SELECT on remote control to see how many secondary component services

```
SERV 1
2-1-
```

If the display shows 2-2, it means no more secondary component services

```
SERV 1
2-2
```

4. Press SELECT on remote control to confirm
5. Press SEL - /SEL + to select the component

Presets Station (1-20)

1. In the current station receiving status, press the numeric number 1-10 on remote control for preset station 1-10.   For stations 10-20, press 10+ with the numeric number.
2. If the display shows

```
┌─────────────────────┐
│ EMPTY               │
│ P 1                 │
└─────────────────────┘
```

It means this preset station is empty.
3. If the preset station is not empty, and shows another station

```
┌─────────────────────┐
│ BBC N               │
│ BBC D               │
└─────────────────────┘
```

The unit will select and play this station instead of current station

Information Display (DAB)

A) General Information

You can browse and set below DAB related information, by pressing the INFO button on remote control

a. Signal Strength
b. Time
c. Transfer Rate
d. Program Type
e. Dynamic Text Display(DLS)

In any current station,

```
┌─────────────────────┐
│ BBC N               │
│ BBC D               │
└─────────────────────┘
```

1. Press the INFO button on remote control, the display shows the signal strength as below:

```
┌─────────────────────┐
│ BBC                 │
│ - - - -             │
└─────────────────────┘
```
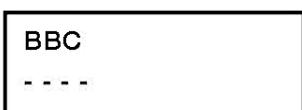
2. Press INFO button again, the display shows the Time as below:

```
┌─────────────────────┐
│ BBC                 │
│ 1350                │
└─────────────────────┘
```

3. Press INFO button again, the display shows the Transfer Rate as below:

```
┌─────────────────────┐
│ BBC                 │
│ 192K                │
└─────────────────────┘
```

4. Press INFO button again, the display shows the Program Type as below:

```
BBC
PROG TYPE
```

5. Press INFO button again, the display shows the Dynamic Text Display(DLS) as below:

```
BBC
DLS
```

B) Advanced Display

You can browse and set below DAB related information, by pressing the INFO button on remote control

a.   System Reset
b.   Manual Tune
c.   Software Version

a. System Reset

In any current station:

```
BBC N
BBC D
```

Press and hold the INFO button for 2 seconds, the displays shows:

```
BBC
RESET
```

a.1 Press the SELECT button, the display shows:

```
SYS
RESET
```

and will show the following information automatically:

```
QUICK      →    - -       →    - -
SCAN            11B            11C
                                │
                                ▼
BBC        ←    11        ←    - -
TUNE            FOUND          12D
  │
  ▼
BBC N
BBC D
```
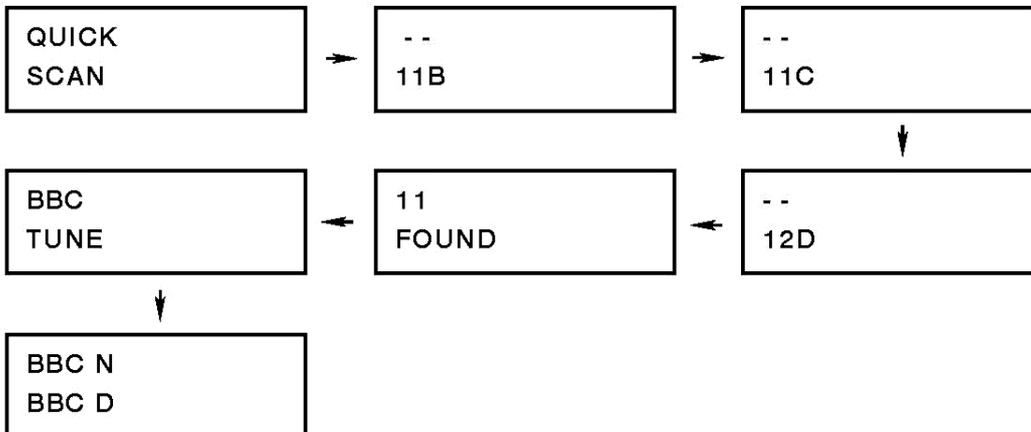
b. Manual Tune

When the display shows the System Reset

```
BBC
RESET
```

Press the INFO button, the display shows

```
BBC
MANUAL TUNE
```

b.1 Press SEL - / SEL + on remote control until the unit shows your desired station
b.2 Press SELECT to confirm
b.3 Repeat above procedures for selecting another station

c. Software Version

In DAB or FM mode .Press and hold 'INFO' for 2 seconds,release and press 'INFO' again.

Other (DAB)

1. If the station signal is week or the antenna is removed, the word "NO" will be shown on display:

```
BBC
NO SIGNAL
```

2. If the signal is not available after the autoscan, the word "NO SIGNAL" will be shown on display:

```
NO SIGNAL
```

3. If the unit didn't receive any signal and shows:

```
BBC
NO SIGNAL
```

You can press SELECT button, the unit will re tune and return back the pervious station.

4. If you power off and turn on the unit again, the display shows the following

```
-- : --
```  →  ```
DAB
RADIO
``` → ```
BBC N
BBC D
```
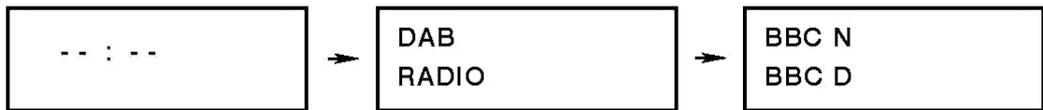
FM Playing

1. Press the function button (FUNCTION) on the front of the unit "Tuner" is displayed.
2. Press DAB/FM on remote control to select DAB or FM
3. If you select the FM, the display shows:

```
FM
RADIO
```
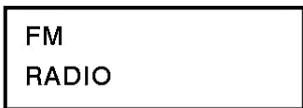
4. Press SCAN to search Autoscan UP :

```
98.10          →    98.30
STEREO              STEREO
```
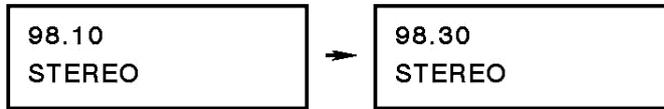
5. Press and hold the SCAN button for 2 seconds, to search Autoscan Down :

```
98.10          →    97.70
STEREO              STEREO
```
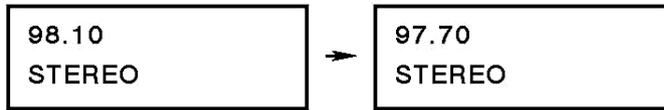
Presets Station (1-20)

1. In the current station screen, press the numeric number 1-10 on remote control for preset station 1-10. For stations 10-20, press 10+ with the numeric number.
2. If the display shows:

```
EMPTY
P1
```

It means this preset station is empty.
If this preset station is not empty, you can save the current station by press and hold PRESET Key to overwrite that preset station.
3. As for preset station recall, press the numeric number 1-10 on remote control for preset station 1-10, and 10+ with the numeric number for station 11-20.

Information Display (FM)

General Information (FM)

Press the INFO button on remote control; you can see the following information in sequence:
1. Audio Mode

```
98.10
STEREO
```

2. Program Type

```
98.10
PROG TYPE
```

3. Radio Text

```
98.10
RADIO TEXT
```

4. Signal Strength

```
98.10
- - - -
```

5. Time

```
98.10
RDS CLOCK
```
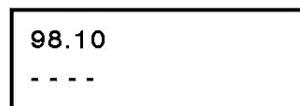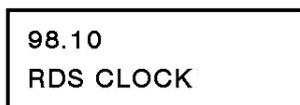
Advanced Display (FM)

1. In the current station screen, press and hold the INFO button for 2 seconds, and System Reset will be shown:

```
98.10
RESET
```

2. Press the INFO button again, Software Version will be shown:

```
98.10
SW/AJ1-00
```
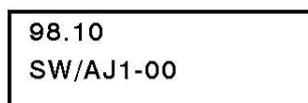
Radio Mode

When the unit is the Radio Mode, by following the instruction in last section (Advance Display), you can select the MONO or Auto Mode (Stereo) by pressing the SELECT button

```
98.10        MONO          AUTO
MONO    →    MODE     →    MODE
```

Press SELECT   Press SELECT
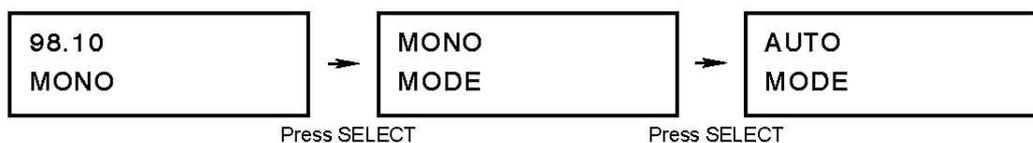
Use the USB

You can connect the USB flash to the USB jack at the front panel of unit. The unit will play MP3 music from the flash directly:

1. Plug the USB flash into the USB jack
2. Press the USB button on remote control or press the FUNCTION button on front panel to select the USB function
3. Display shows the word "USB"
4. MP3 music will be played automatically.

Setting the Clock

CLOCK
○

The built-in clock shows the correct time in the display.
- In standby mode, press the clock button (CLOCK) twice, the hour indicator will blink.
- Set the hour with the VOL- button or VOL+ button.
- Press the clock button (CLOCK), the minute indicator will blink.
- Set the minute with the VOL- button or VOL+ button.
- Press the clock button (CLOCK), the built-in clock starts operating and the seconds start counting from 0.

Note:
* You can only set the clock in standby mode.
* The operating time of every step shouldn't be longer than 10seconds or it will return to the original display.
* If there is a power failure or the power system is turned off, the clock will lose its setting.
To confirm the clock time
When you press the clock button (**CLOCK**), the clock time is displayed. Wait for a few seconds until the display returns to the original display.
(You can also operate the key "**CLOCK**" on the unit.)

Setting the Daily Timer

SLEEP
TIMER
◯

● In standby mode, you can use the daily timer setting to turn the unit on automatically at a certain time everyday under standby mode. When the setting timer is on, the timer indictor "☉" will display on the VFD, however the clock must be set correctly for the timer function to work.
- In standby mode, press the timer button (**TIMER**) , the hour indicator will blink.
- Set the hour with the **VOL-** button or **VOL+** button.
- Press the timer button (**TIMER**), the minute indicator will blink.
- Set the minute with the **VOL-** button or **VOL+** button.
- Press the timer button (**TIMER**), the selected time is set. Then set the daily timer to "ON" (daily timer set is in effect) or "OFF" (daily timer set is to cancel) by pressing the **VOL-** button or **VOL+** button.
Note:
* You can only set the daily timer only in standby mode.
* The operating time of every step shouldn't be longer than10 seconds or it will return to time display.
* The sound source of the "timer on" mode is the same as the sound source when the unit was turned off by the standby switch.
To confirm the daily time
Press the timer button (**TIMER**) in standby mode, the daily time is displayed. Wait for a second until the display returns to the time display.
To cancel the daily timer setting
In standby mode, repeatedly press the timer button (**TIMER**) until the "ON" will display on the VFD, then you can set the daily timer to "OFF" by pressing the **VOL-** button or **VOL+** button (the daily timer will be cancelled).
Turning off the system also cancels the daily timer.

Setting the Sleep Timer

SLEEP
TIMER
◯

● Use the sleep timer to turn the system off after a selected time. By setting the sleep timer, you can fall asleep and know that your system will turn off by itself rather than playing all night.
- Play a disc or tune in to the desired station.
- If you set the sleep timer first ,each time you press the sleep button (**SLEEP**), it changes the number of minutes shown on the VFD in this sequence:

-- ➜ 10 ➜ 20 ➜ ••• ➜ 80 ➜ 90 ➜ 00

If you change the sleep timer, each time you press the sleep button (**SLEEP**), it changes the number of minutes shown on the VFD in this sequence:

-- ➤ 5 ➤ 20 ➤ ••• ➤ 80 ➤ 90 ➤ 00
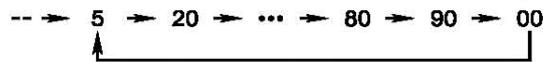
After setting the number of minutes for the sleep timer, the display will return to the display as before setting the sleep timer.

The system is now set to turn off after the number of minutes you set.

To confirm the sleep time

When pressing the sleep button (**SLEEP**), the remaining sleep time is displayed. After a few seconds the display returns to the original display.

To cancel the sleep timer setting

Repeatedly press the sleep button (**SLEEP**) until the "00" displays on the VFD.

You can also cancel the sleep timer turning off the system.

Function Menu Setting List

Caution:The content of this chart is for reference only. If something has changed, please take the actual display for standard.

Menu function setup

SETUP ⭘

* If you want to set the function of this unit, please press the function setting button to display the DVD function setting main menu, then use the ▲,▼,◄, ► buttons and **OK** button. Press the function setting button (**SETUP**) again to exit the function setting main menu.

(**Note:** If the item displays in gray, that means that it can't be setup and there isn't this function in the disc.)

System Setup

SYSTEM SETUP

- TV SYSTEM
  - NTSC
  - PAL
  - AUTO
- SCREEN SAVER
  - ON
  - OFF
- TV TYPE
  - 4:3 PS ▨
  - 4:3 LB ▨
  - 16:9 ▨
- PASSWARD ---- ▣
- RATING
  - 1 KID SAFE
  - 2 G
  - 3 PG
  - 4 PG 13
  - 5 PG-R
  - 6 R
  - 7 NC-17
  - 8 ADULT
- DEFAULT
  - RESTORE
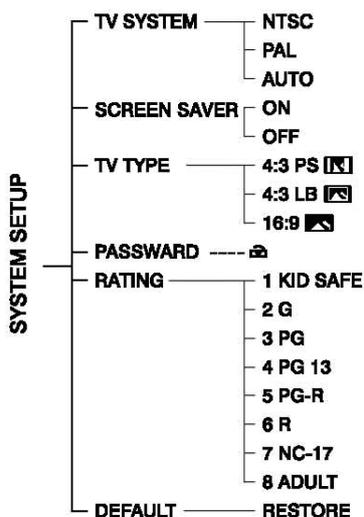
Screen Saver
Set the screen saver to activate or cancel.

TV Type
- 4 : 3 PS......When selecting this mode, wide picture displayed on the screen will be cut automatically.
- 4 : 3 LB......When selecting this mode, wide picture displayed on the screen will have black top and bottom area.
- 16 : 9 ......If this system connects wide screen TV, selecting this mode.

Password
Select this item to set new password for this unit, follow the screen's indication and enter a password.
The original password is 0000.

Rating
Setup this system when playing disc which had age control.

Default
Restore to factory setting.

Language Setup

```
                    ┌─ OSD LANGUAGE ──┬─ ENGLISH
                    │                 ├─ GERMAN
                    │                 ├─ SPANISH
                    │                 ├─ FRENCH
                    │                 └─ ITALIAN
    LANGUAGE SETUP  ├─ AUDIO LANG ────┬─ ENGLISH
                    │                 ├─ GERMAN
                    │                 ├─ SPANISH
                    │                 ├─ FRENCH
                    │                 └─ ITALIAN
                    ├─ SUBTITLE LANG ─┬─ ENGLISH
                    │                 ├─ GERMAN
                    │                 ├─ SPANISH
                    │                 ├─ FRENCH
                    │                 ├─ ITALIAN
                    │                 └─ OFF
                    └─ MENU LANG ─────┬─ ENGLISH
                                      ├─ GERMAN
                                      ├─ SPANISH
                                      ├─ FRENCH
                                      └─ ITALIAN
```
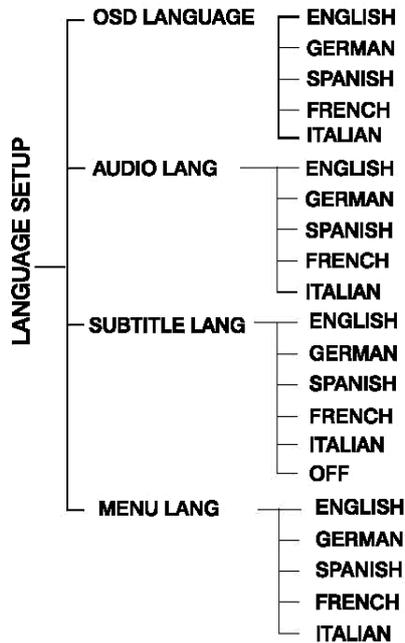
OSD Language

This menu allows the user to select the language for the on-screen.

Audio, Subtitle, Disc Menu

This function is only available if the disc has the relevant options.

Video Setup

```
                 ┌─ TV MODE ─────┬─ SVIDEO(CVBS)
                 │               ├─ YCbCr
    VIDEO SETUP  │               ├─ YPbPr
                 │               └─ TV-RGB
                 ├─ BRIGHTNESS ── 0 ~ 12
                 ├─ CONTRAST ──── 0 ~ 12
                 ├─ HUE ───────── -6 ~ 6
                 └─ SATURATION ── 0 ~ 12
```
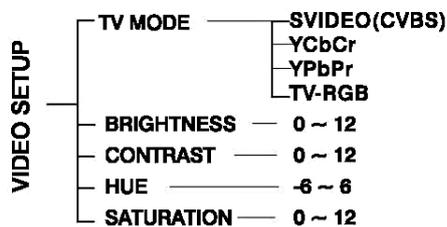
TV Mode

You can setup this according to TV video output type.

Brightness, Contrast, Hue, Saturation Setting

You can adjust the brightness of the picture.

Audio Setup

```
                ┌─ DIGITAL OUT ──┬─ DIGITAL/OFF
                │                ├─ DIGITAL/RAW
                │                └─ DIGITAL/PCM
                ├─ DOWNMIX ──────┬─ LT/RT
                │                ├─ STEREO
                │                └─ VSS
    AUDIO SETUP ├─ 3D PROCESSING ┬─ OFF
                │                ├─ CONCERT
                │                ├─ CHURCH
                │                ├─ PASSIVE
                │                ├─ WIDE
                │                └─ LIVE
                ├─ LPCM ─────────┬─ 48K
                │                ├─ 96K
                │                └─ 192K
                └─ NIGHT MODE ───┬─ ON
                                 └─ OFF
```
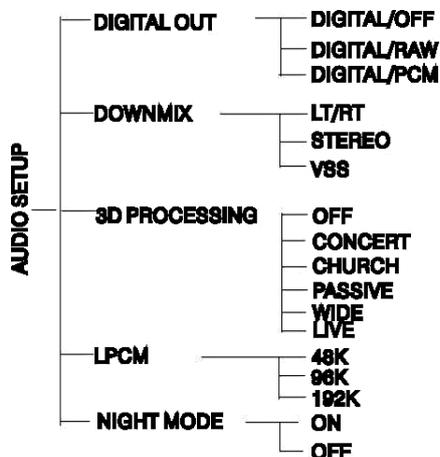
Digital Out

For optical and coaxial output, this system is only used for simulation mode.

Downmix

When the disc has Dodly Pro Logic stereo, you can choose LT/RT or STEREO or VSS mode to play this disc.

LPCM

It is according to setup the audio signal between 48kHz to 192kHz

Night Mode

Set the night mode state to on or off.

Protect the Disc

1. To keep the disc clean, please don't touch the disc's surface when you are holding it. You should hold the edge.
2. If the disc is dirty, it will affect the sound quality. Please use the clean and soft cloth to wipe the disc from inside to outside. Don't wipe the disc in circular motion.
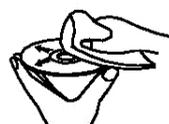
3. Don't stick paper on the disc.
4. Don't place discs in direct sunlight or near or on heat sources.
5. After you have finished with the disc, please place it back in its original case. To avoid warping or damage, do not stack discs.

6. Don't play the disc which has flaw or deformation, in case of damaging this player.
7. Clean your discs using only a soft dry cloth. Do not use any chemicals such as benzine, thinner, antistatic or record sprays as these can damage the disc surface.

Troubleshooting

If you are having a problem with your system, check this list for a possible solution before calling for sevice.
If you can not solve the problem from the hints give here, or the system has been physically damaged, call a qualified person, such as your dealer, for service.

| Symptom	Possible Cause	Action
No sound is heard	Connections are incorrect, or loose	Check all connections and make corrections
	TV or power amplifier operates wrong	Check whether the operation is right
	The amplifier's receiving signal position is wrong	Check the position of receive signal
	Volume setting to minimum	Adjust volume
No picture	Connect wrong or loose	Check all connection and correct it
	TV Operation and setting is wrong	Check whether operation and setting is right
Bad sound quality	Audio connect wrong	Check whether audio connection is right
	Audio output mode setting wrong	Check whether audio output setting is right
Picture roll or abnormality	DVD Player doesn't match the TV system	Use PAL/NTSC switch button to select suitable system
The disc does not play	No disc in the tray	Place a disc
	The disc is upside down	Place the disc in with the printed side up
	The disc is dirty or scratched	Clean or replace the disc
	The unit is foggy inside	Take out the disc, turn on the unit for about an hour
Poor radio reception	The antenna is disconnected	Reconnect the antenna securely
	The FM/DAB wire antenna is not properly extended and positioned	Extend FM/DAB wire antenna to the best reception position
Unable to operate the remote control	The path between the remote control and the sensor on the unit is blocked	Remove the obstruction
	The batteries have lost their charge	Replace the batteries
Operations are disabled	The built-in microprocessor has malfunctioned due to external electrical interference	Unplug the system then plug it back in

Specification

Main Set

Power supply .... ~16V / 50 Hz

Power consumption..15W

Distortion..≤0.7%

Frequency response .... 20Hz-20kHz (±3dB)

Video output .... 1 V_{P-P}

Horizontal definition.. ≥ 500 (TV)

Dimensions .... 184(W) x 222(H) x 304(D) mm

Tuner

FM Frequency range .... 87.5-108 MHz

FM Noise limit sensitivity .... ≤ 20μV

FM S/N .... ≥ 46dB

DAB Frequency Range (band III)............................... 174 - 240 MHz

Usable Sens. .... - 95 dBm

Speaker

Impedance 8Ω

Input power 20Wx 2

Dimensions .... 140(W) x 140(H) x 293(D) mm

Sub-Woofer

Power supply .... ~230V / 50 Hz

Input power 38W

Dimensions .... 330(W) x 284(H) x 175(D) mm

Remote

Distance .... 6 m

Angle.. ± 30°

Accessories

DAB/FM antenna 1

Speaker connect line 2

Power control line 1

Wall bracket 2

Remote control 1

Instruction manual 1

Video-Box...1

Video signal line..2

Stand...1

Note: Design and specifications are subject to change without prior notice.

This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.

Visit Partmaster.co.uk today for the easiest way to buy electrical spares and accessories. With over 50,000 products in stock we can deliver direct to your door the very next day.

Visit www.partmaster.co.uk

or call

0870 6001 338

(UK customers only)

Calls charged at National Rate.

For product help or out -of-guarantee support:
Dixons customers please call:08701 54 55 60
Currys customers please call:08701 54 55 70
(UK customers only. All calls charged at national rates.)

To buy additional or replacement parts for this products
Please contact Partmaster.co.uk at the web address or telephone number shown above.

For remote control, quote part number 06-RE9-01A101
For power control line, quote part number 26000036
For speaker connect line, quote part number 27000177
For video signal line, quote part number 27000075,27000076