

# **Lenco**

**MDV-7**

**2.1 DVD Home Cinema Centre**

## **Instruction Manual**

For information and support, [www.lenco.eu](http://www.lenco.eu)



## **FOREWORD**

### **THANKS**

Thank you for purchasing this product.

Your choice of the product sufficiently displays your expertise in acoustic equipment.

We are honored to provide you with more satisfactory products. It is suggested that you spare some time to read this user manual before connecting and operating your system.

So you can get enhanced enjoyment and pleasure while using this product.

### **IMPORTANT NOTICE**

Please unpack carefully, and keep all the accessories in the same place.

Please check any possibilities in shipping damage. If your devices are damaged or cannot be operated, please notify your local dealers immediately. If the device is shipped to your place directly, please contact the carrier as soon as possible. Only the consignee (individual or company to receive the devices) is entitled to claim indemnity to the carrier in the light of shipping damages. We recommend that you keep the original cartons and packing materials soundly for future shipping.

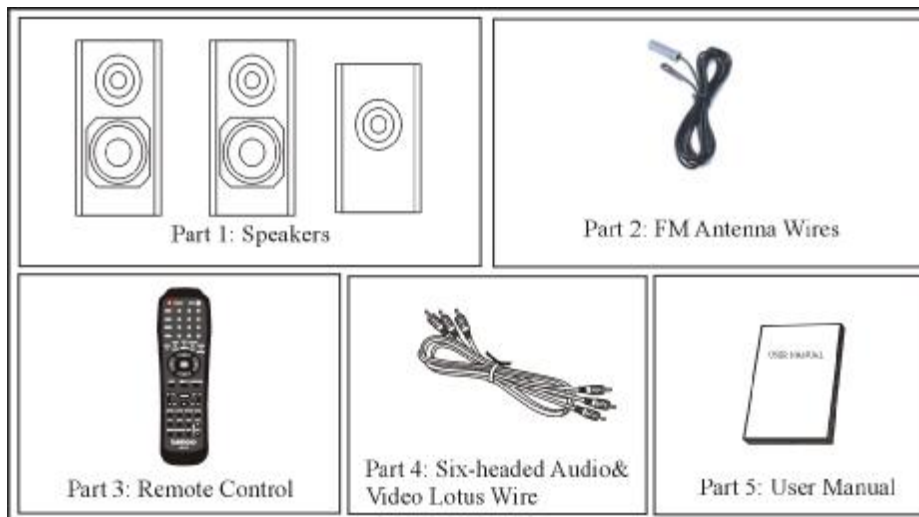
### **SPECIAL NOTE**

1. Minimum distances around the apparatus for sufficient ventilation;
2. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-clothes, curtains, etc;
3. No naked flame sources, such as lighted candles should not be placed on the apparatus;
4. Attention should be draw to the environmental aspects of battery disposal;
5. The use of apparatus in tropical and/or moderate climates;
6. Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
7. This unit is controlled by a micro-computer; therefore a display error may occur when there is a thunder storm, static interruption or other interference. In this case, please turn off the power for 10 seconds and the unit will reset to normal once it is switched on.

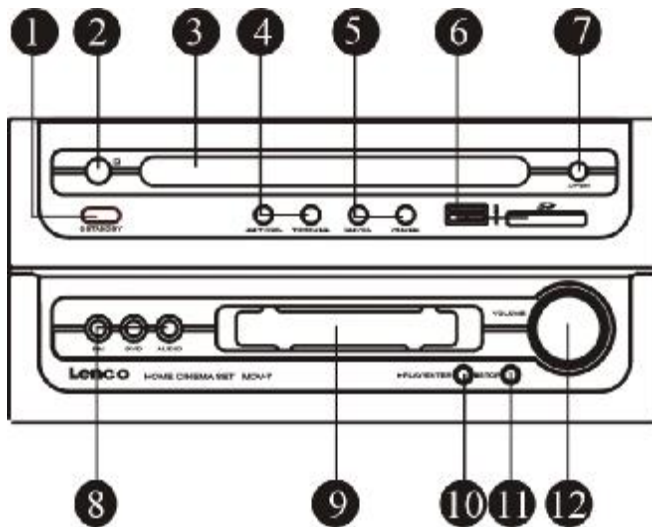
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## ACCESSORIES

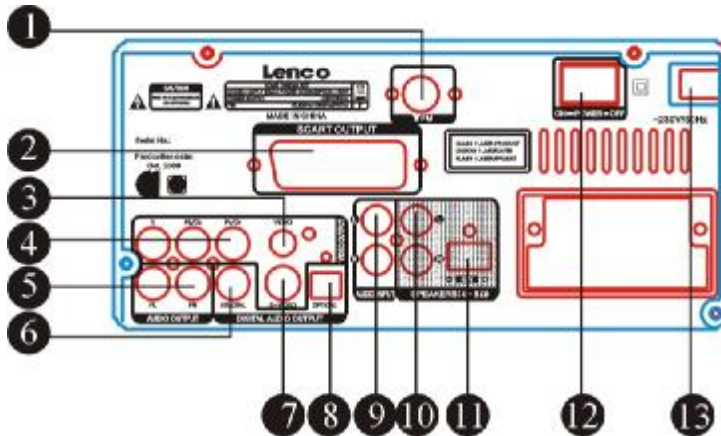


## FRONT PANEL



1. STADNBY
2. REMOTE CONTROL SENSOR
3. DISC TRAY
4. (F.RWD/TUNE-)/(F.FWD/TUNE+)
5. (PREVIOUS/CHANNEL-)/(NEXT/CHANNEL+)
6. USB AND MULTI-MEDIA CARD PORTS
7. OPEN
8. FM/DVD/AUDIO
9. DISPLAY SCREEN
10. PLAY/ENTER
11. STOP
12. VOLUEM UP/DOWN

## BACK PANEL



1. FM ANTENNA INTERFACE
2. SCART OUTPUT
3. VIDEO OUTPUT
4. Y, Pb/Cb, Pr/Cr COMPONENT OUTPUT
5. L/R AUDIO OUTPUT
6. COAXIAL OUTPUT
7. S-VIDEO OUTPUT
8. OPTICAL FIBER OUTPUT
9. L/R AUDIO INPUT
10. L/R SPEAKERS OUTPUT
11. SUBWOOFER OUTPUT
12. POWER ON/OFF
13. POWER SUPPLY INPUT

## REMOTE CONTROL

### NOTE:

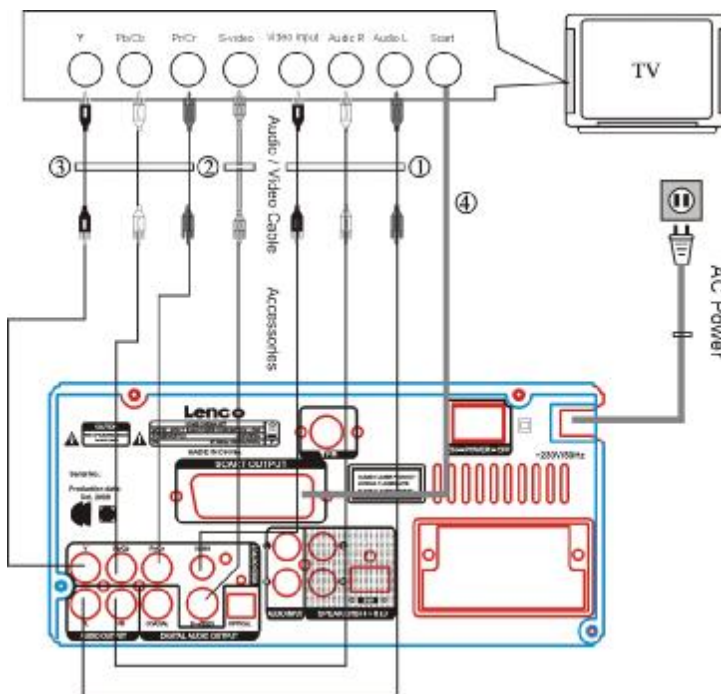
1. Place the batteries in the remote control and turn on the player; put the emitter against the sensor of player for remote control.
2. The distance of remote control should not exceed 7 meters, or else, it will be invalid.
3. If the sensor or remote control emitter is stuck with foreign matters, it may result in the malfunction in signal reception or not at all.
4. The remote control function may be affected under the strong interference signals, such as power supply and other strong high-frequency signals.

REMARK: Remote Control Battery Type: Size: AAA Standard Voltage: 1.5V



## CONNECTION WITH TV

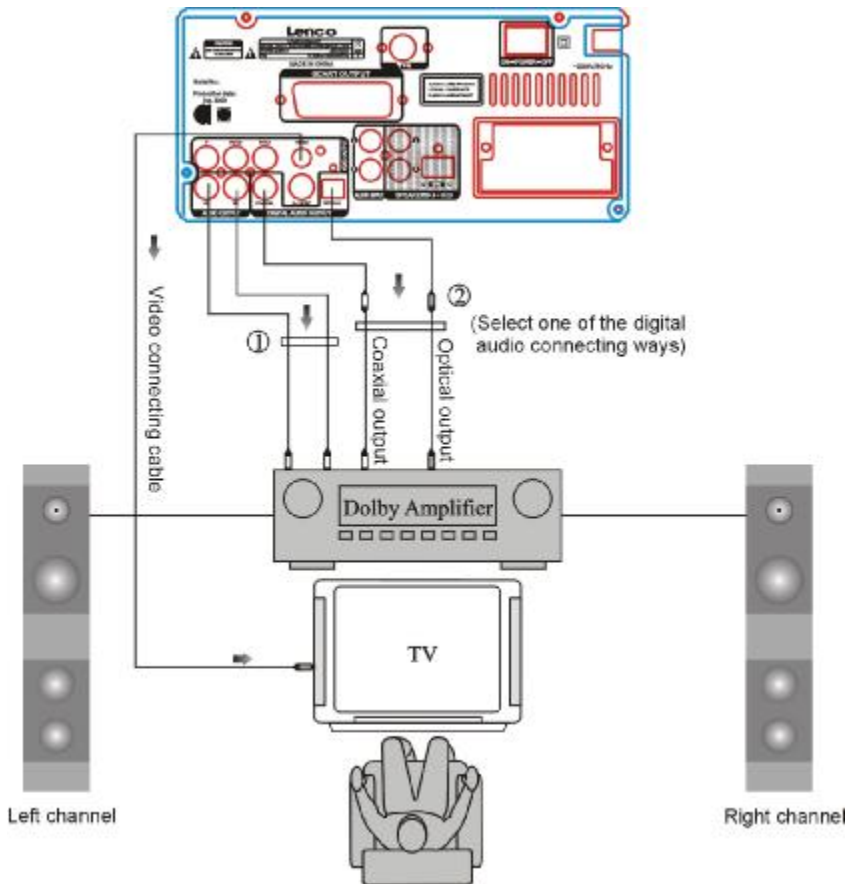
1. If your TV-set has AV terminal, connect this unit to TV-set with A/V cables, and set TV-set to be AV status after confirming the connection is correct. (Figure 1)
2. If your TV-set has S-Video terminal, please use the S-Video connection cable to connect the player and TV-set, to obtain a higher quality image. (Figure 2)
3. If your TV-set has chromatics output terminal, please use three connection cables to connect the player and TV-set, to obtain a more vivid image. (Figure 3)
4. This unit has an output interface for SCART output, which can directly be connected with TV-set. (Figure 4)



### Note:

1. Please turn off the both player and TV before they are connected to the power line from the socket.
2. You may adjust the corresponding system according to your TV system while watching various discs.
3. If there are multiple connections between video player and TV, please select one and unplug others so as not to affect the quality of images and sound.
4. Do not switch on/off or press power switch frequently, switching on and off each time must have an interval of 3 seconds.
5. Do not connect the digital optical or coaxial output jack of this player with the analogue signal input terminal for reception.

## CONNECTION WITH AMPLIFIER



### Setup of Digital Audio Output

Connect the optical or coaxial output jack to the amplifier. While in of play or stop mode, press the Setup button on the remote control to open the system setup page, switch to audio setup page by pressing the directional buttons, then move the cursor to Audio Out, select SPDIF/RAW or SPDIF/PCM, press Play/Enter button to finish. Press Setup button again to exit the setup.



## **BASIC OPERATION**

### **PREPARATIVE**

- 1). Before turning on, check whether all the connection are correct and reliable. Plug the power plug into the corresponding power socket.
- 2). Press STANDBY button on the front panel to turn on.
- 3). Press EJECT button on the remote control (or OPEN button on the front panel) to carry the disc tray outside, put the disc into the tray, press EJECT or OPEN button again, this unit starts to read and play the disc.

### **MUTE**

In play status, if the MUTE button is pressed, there will be no audio output, the sound is eliminated, but the image will still be played normally. Then press the button again or press VOL.+/- button to exit the mute status, the sound resumes to be its normal status.

### **STATUS DISPLAY**

In play status, press OSD button, the TV screen will display the following data:

VCD/CD display: single elapsed, TR(track remain), total elapsed, DR(directory remain), display off.

DVD display: title elapsed, title remain, chapter elapsed, chapter remain, display off.

### **SOUNDTRACK SWITCH**

In playing VCD, DVCD, press LANG (L/R) button to select the multiple output modes such as Mono L, Mono R, Stereo, etc. Press the button once to switch one soundtrack.

In playing DVD, press LANG (L/R) button can select multiple languages for playback. (Only applies to the discs like DVD recorded in multiple languages.)

### **FAST FORWARD & FAST BACKWARD**

In play status, press TUNE-◀◀ button or TUNE+▶▶, there will be various speeds of fast forward and fast backward, shown as follows,

FORWARD X 2, FORWARD X 4, FORWARD X 8, FORWARD X 16, FORWARD X 32, PLAY  
BACKWARDX2, BACKWARDX4, BACKWARDX8, BACKWARDX16, BACKWARDX32, PLAY

### **PREVIOUS & NEXT**

In play status, press CH- ◀◀ button, the device will skip to the previous one for play, press CH+ ▶▶ button, the device will skip to the next one.

### **SUBTITLE SELECTION**

When the played DVD disc records multiple subtitles, you can make selections of subtitle by pressing SUB button:

English, French, German, Spanish, Dutch, Portuguese and Italian.

### **CD RIPPING**

While playing the CD, press RIPPING button, and the prompt of operation will appears on the TV screen; following the prompt, the CD'S audio tracks will be ripped into MP3 formats and stored in the USB device.

## BASIC OPERATION

### TIME SELECTION

In play mode, press T/F button on the remote control, the TV screen displays:



You can press ◀▶ directional buttons to move the cursor to the setting option according to the above mentioned screen suggestions, then press PLAY/ENTER to confirm and use number buttons to input the corresponding time numbers. After it is done, DVD player will start to the next item in the above screen. There are 5 items in VCD screen: Track, Disc time, Track time, Repeat, Time DISP(Display); There are 9 items in DVD screen: Title, Track, Audio, Subtitle, Angle, TT(Total) time, CH(Chapter)time, Repeat, Time DISP(Display).

Note: The optional time range depends on the volume of discs.

CD Display:	MP3 Display:	MP4 Display:
--:--	--/XX	SELECT:--
T:--/XX	--:--	GOTO:--:--

While playing CD, MP3 or MP4, press T/F button to switch between the “Time Selection (current song/chapter)” and “Song/Chapter Selection”; then input the digital you want. The system begins playing from the specified time/song/chapter.

### REPEAT

In play status, repeatedly press REPEAT button to separately select the different contents for repetition.

- 1). As for DVD, repeatedly press REPEAT button, the TV screen will separately display: Chapter, Title, All.
- 2). As for CD, VCD, CD-R discs, Successively press this button, the screen will separately display: Track, All.
- 3). As for MP3, JPEG and other media files, there are options: Single, Repeat one, Repeat folder, Folder.

### A-B REPEAT

In play status, press A-B REP button to realize the specific section repeat, that is, press this button once at the beginning of the section (A), and press it again at the end of the section ( B), this player will automatically return to A and starts to repeat playing the section from A to B. Press the button again to exit.

## **BASIC OPERATION**

### **LOUDNESS**

Press LOUD button to set loudness on or off. While set loudness on, it can strength low sound signal.

### **TITLE**

If the played DVD disc contains a directory column, press the TITLE button to take out the items contained in this disc. Use the direction buttons to move the cursor to select the items you want to play, or directly use the number button to select.

### **SOUND FIELD**

In play status, press DSP button, you can select different sound field effect.

### **RESET**

In No Disc status, press RESET button can return the original setup or default value.

### **STOP**

In play mode, press the STOP button, the TV screen will return to the startup screen, press PLAY/ENTER button, the player will begin to play where it left off. If you successively press STOP button twice and then press PLAY/ENTER button, the disc will be played from the beginning.

### **PAUSE**

In play status, press PAUSE button, the player will pause, and press it again or press PLAY/ENTER button once to continue playing.

### **MENU**

Pressing MENU button on the remote control opens or closes the PBC menu.

Note: 1). It will go into the Root menu when playing DVD discs.  
2). Older discs or some copies don't support this function.

### **ANGLE SELECTION**

In play status, repeatedly press ANGLE button, you can enjoy the same action shot in different angles. (The function depends on the discs.)

### **VOLUME ADJUSTMENT**

You can press the VOL-/+ button to turn up or down the volume of this unit.

### **DIRECTION BUTTONS**

Press the Direction buttons ▲ ▼ ◀ ▶ to move the cursor to select pictures or menu.

## **BASIC OPERATION**

### **PLAY/ENTER**

Press PLAY/ENTER button to playback or enable the selected items.

### **CLEAR**

Press CLEAR button to cancel the digital you have inputted. For example: the setting of programmed songs.

### **STANDBY**

Press the STANDBY button on the remote control can switch to the standby mode. Before you perform the operation, make sure the main power is on.

Note: This standby function is one kind of saving electricity modes. When the device does not be used for a long time, please disconnect the main power.

### **INPUT SELECTION**

- 1) Correctly connect the outer equipment (e.g. PC computer) with this unit, then press the AUDIO-IN button on the remote control (or AUDIO on front panel) to enter Audio status and enjoy the outer audio source.
- 2) Press the FM button on the remote control (or front panel) to select tuner.
- 3) Press the DVD button on the remote control (or on the front panel) to select DVD mode. The unit will start playing if there is a disc inserted.

### **TONE**

If you want to adjust the volume of Treble, Bass or Subwoofer. First to press the TONE button, select to the corresponding item and press Vol+/- button on the remote control can increase or reduce the volume of Treble, Bass or Subwoofer.

### **ZOOM**

In play status every time the ZOOM button is pressed, the TV screen will be zoomed in or out proportionally. In case of zoom proportion more than 1, pressing direction button is able to move the picture, continuously press the button, the TV screen display will be zoomed in 2 times, 3 times, 4 times.

### **SHORTCUT**

When play DVD discs, press the SHORTCUT button to jump over the initial title, menu or warnings.  
(Only for some discs, subject to the quality or recorded status of the played discs)

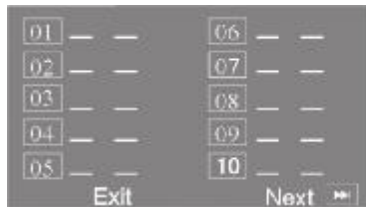
## BASIC OPERATION

### NUMBER BUTTONS

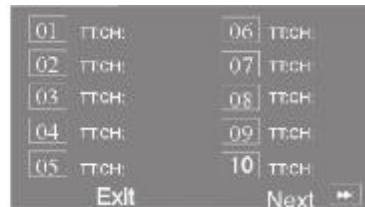
- 1). While playing songs, press the Number buttons to directly select the songs you need.
- 2). If the desired track number is # 10 or above, you can select it by pressing the 10+ button once, and then pressing a Number\_button (1--10). For example: If the 16th song is needed, you can press the 10+ button followed by the 6.

### PROGRAM

- In play VCD/CD optional, and press Program button, the TV Screen shows:



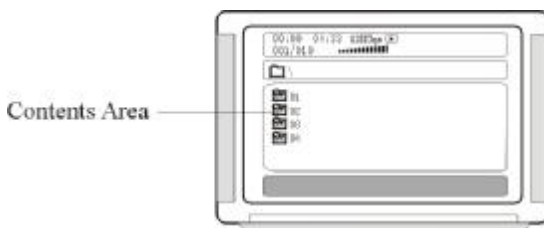
- In play DVD, press Program button, the TV screen shows:



1. If the player is in the PBC ON status, and the programmed songs are being play, this operation will result in PBC turning off.
2. Input the number that you want at the place of the cursor; move the cursor to ``START``; press the PLAY/ENTER button, the songs will play in the specified order.
3. While programming, press the CLEAR button to eliminate the digitals that you input.
4. To cancel programmed play: press the PROGRAM button again, the cursor will move to ``EXIT`` automatically, press PLAY/ENTER again to cancel programmed play.

### MP3 DISC PLAYING FUNCTION

- 1). Press the EJECT button on the remote control (or OPEN button on front panel) to open the disc tray, put in an MP3 disc, then press the EJECT or OPEN button to close the disc tray. This unit begins to read the disc automatically.



## BASIC OPERATION

2). Press the directive keys ▲▼ to move the cursor to a certain directory, and press PLAY/ENTER button to enter the directory. Press the direction buttons to enter the subdirectory or the file area, select a song with the cursor, press PLAY/ENTER button to play the song.

I During playing, press ◀▶ or ▶▶ button to select other songs under the current directory.

I During playing, press the left direction button, the icon will skip to the directory symbol □, press the up/down direction button to select other directories, press PLAY/ENTER buttons for confirmation.

Note: When play MP3 discs, this unit also has the functions such as mute, pause, previous and next selection. The operation is identical with CD playing.

## MPEG4、JPEG PICTURE DISC PLAYING FUNCTION

1). Place the MPEG4/JPEG disc into the deck, this unit will begin to read, the main directory will be displayed on the TV screen.



2). Press the direction button ▲▼ to move the cursor to the corresponding directory, press PLAY/ENTER button to enter the next layer, and so on, until the desired picture is found for play.

I During play, number buttons or ◀▶▶▶ button can be used to select pictures.

I JPEG pictures may distort at the edge to some TV sets, this is not a unit defect.

I This unit can play the digital photo discs with extension name .JPEG, and also support the picture that made by Adobe Photoshop.

I If you want to repeat playing some pictures, pressing the REPEAT button is OK.

I During browsing , press the STOP button can go back to main menu.

I After go into the subdirectory in playing MPEG4 disc, also you can do the operation such as fast backward, fast forward, pause. etc.,

## **BASIC OPERATION**

### **DVD/USB/CARD**

It is possible to listen to the audio and watch Video/JPG files using the USB/CARD interface of this unit. Before entering the USB/CARD mode, please switch to DVD mode first.

In order to view the contents of the USB/CARD, the following operations need to be performed.

1. Connecting the USB device or CARD with this unit.
2. Press the DVD/USB/CARD button on the remote control; the dialogue window will appear on the TV screen. Use Up/Down direction to select the required option and press PLAY/ENTER button to confirm.
3. Press STOP button to display the File browser, then select the file you want press PLAY/ENTER button to start playing.  
Note: The method of playback for files saved on a USB/CARD is the same as for other discs. For more information, see BASIC OPERATION.
4. To exit the USB/CARD mode: Press the DVD/USB/CARD button again, and move the cursor other item you want, and press the PLAY/ENTER button.

#### **NOTE:**

- 1) If the user is using a USB extension cable, this cable should be max. 0.5m.
- 2) Depending on the amount of data and media speed, it may take longer for system to read the contents of media device. In some cases, reading time may be as longer.
- 3) In ``NO DISC`` status, if there is one media device (USB or CARD) connected to the unit, the unit will playing the media device automatically.

### **DVD TITLE MENU SELECTION FUNCTION**

DVD disc features high capacity, records more than one movie, background data and songs. It is hereby given a name of TITLE, while more sections will be given under each TITLE, which are called Chapters. There are some songs in one chapter. While playing DVD discs, press the Title button, the TITLE menu will appear on the TV screen. (Available for DVD discs that contain more than one title menu).

You can use the direction buttons to move the cursor to the desired title menu, press Play/Enter button to play it. If the title menu is represented by numbers, then press the number buttons to select directly.

## **BASIC OPERATION**

### **FM RADIO OPERATION**

1. Enter FM Function

In the turn-on or playing status, press the FM button on the remote control to enter FM status.

2. Select Bands

- 1) Directly input frequency: press the T/F button on the remote control; input the frequency that you want directly.
- 2) Select band by pressing TU- or TU+ button: under some frequency, press the button, the frequency will be up or down on the step. The step of FM is 0.05 MHz.
- 3) Select band by pressing number buttons: you may select the bands that have been saved by pressing the number buttons. For example: press 10+ button twice, 5 button once, you may select the 25th band. Press the CH- or CH+ button, the band will be switched up or down.
- 4) Automatically search bands: press the SEARCH button, this unit will start to search bands from the lowest part to highest part automatically. Meanwhile the searched bands will be saved orderly. Press the button again to stop searching.

3. Save Bands

Press the SAVE button, that means saving the current frequency of band. For example: If you want to save 99.3 MHz in 28th, please press 10+ button twice, 8 button once, then press T/F button to input 99.3, then press SAVE button to save this frequency.

4. Soundtrack Selection

Press MO/ST button on the remote control, you may select Mono and Stereo soundtrack output in FM status. If the signal is not strong enough, you can not select Stereo.

5. Exit FM Status

Press the DVD button to exit FM status and enter the disc playing.

Remark: FM Frequency range: 87.50-108.00 MHz  
( Beyond the range, input is invalidity.)

NOTE: 1. You may adjust the best radio effect by adjusting the FM antenna.

2. You can search further bands by pressing SEARCH button when adjusted the FM antenna in a right position.

3. If the band is not clear by auto search, you choose the way manual search adjustment by press TU-/TU+ button.

## DVD MENU SETUP

Press the SETUP button on the remote control to open the menu setup function, the TV screen will display the following figures. Press Left/Right direction buttons to move the different setup pages; Also you can press the direction buttons to move cursor to the item you want, then press PLAY/ENTER button again to enter the subdirectory.

### 1. General Setup Page



#### 1) TV Display (4:3 PS, 4:3 LB, 16:9)

- (1) No matter which format you select, if the screen is 4:3 display, the image is able to be display in 4:3.
- (2) The DVD screen format is changeable.
- (3) When the screen is displayed in 4:3, the display format of DVD is 16:9, the image will be compressed.

#### 2) Angle Mark

If you select the angle mark, the multi-angle mark can be shown on the screen when the disc has the multi-angle pictures.

#### 3) OSD Language

You can select English, French, German, Spanish or Dutch for the entire setup page language.

#### 4) Closed Caption

When playing DVD disc, choose this OFF option to close caption, choose ON option to open the caption. The effect is subject to the disc you are playing.

#### 5) Screen Saver

This option is used to open/close screen saver program:

ON: in the status of stop or no disc, the screen saver program will be automatically turned on within the setting time.

There will be a video setting image, and the device will turn to power saving mode, thus protecting your electrical appliance and prolonging its lifespan. Press any button to cancel the screen saver.

OFF: the screen saver program will not be activated in any cases.

#### 6) Last Memory

Select this OFF option to close memory function, choose ON option to open.

#### 7) S/W Version

This option is used to display the model of this unit.

## DVD MENU SETUP

### 2. Audio Setup Page



#### 1) Analog Audio Setup

##### (1) Downmix

LT/RT: audio output from Left and Right channel

Stereo: stereo audio output

##### (2) Dialog

This option is used to adjust the Dialog level.

#### 2) Digital Audio Setup

##### (1) Digital Output

When playing the DOLBY, or MPEG disc, the optical or coaxial terminal will be output in SPDIF/RAW format. Meanwhile the connected amplifier must be able to decode the DOLBY DIGITAL or MPEG.

SPDIF/PCM may be selected when the player is connected with 2CH digital stereo amplifier.

##### (2) LPCM Output

LPCM (Linear Pulse Code Modulation) is a non-compressed audio digital technology. There are two output modes: 48KHz, 96KHz.

#### 3) Dolby Digital Setup

##### (1) Dual Mono

This option is used to set the mode of audio output, including Stereo, L-Mono, R-Mono and Mix-Mono.

##### (2) Dynamic

This option is chosen when Line output is selected for the compressing mode. Linear compressing ratio is adjusted to acquire different compressing effects.

#### 4) Equalizer

##### (1) Sound Mode

This option is used to select the different balance effect, such as OFF, ROCK, POP, LIVE, DANCE, TECHNO, CLASSIC, SOFT.

##### (2) Bass Boost

It is used to adjust the sound effect of Bass boost to ON or OFF.

## DVD MENU SETUP

### (3) Super Bass

ON: set the super bass on, and adjust the super bass effect.

OFF: set the super bass off.

### (4) Treble Boost

ON: set the treble boost on and adjust the treble effect.

OFF: set the super treble boost off.

### 5) 3D Processing

#### Reverb Mode

This option has different reverb modes setting: Concert, Living Rom, Hall, Bathroom, Cave, Arena, Church.

### 6) HDCD

#### Filter

This option has three settings: OFF, 44.1KHz, 88.2KHz, press set it according to the disc, so that getting more clear and more exquisite sound.

## 3. Video Setup Page



### 1) Video Output

This option is used to set the mode of video output: S-video, YUV, RGB.

### 2) TV Mode

This option is used to select the scan modes: Progressive, Interlace.

(This option is unavailable when the S-video output which above is selected.)

### 3) Color Setting

You can adjust the video output of Sharpness, Brightness, Contrast, Gamma, Hue, and Saturation according to your favor.

The adjustable range of Sharpness is: High, Medium and Low.

The adjustable range of Brightness is: +/-20(default is 0).

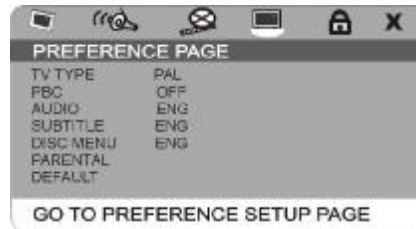
The adjustable range of Contrast is: +/-16(default is 0).

The adjustable range of Hue and Saturation are: +/-9(default is 0).

The adjustable range of Gamma is: High, Medium, Low and None.

## DVD MENU SETUP

### 4. Preference Setup Page



(This setup page only be available when the player in No Disc or Eject status.)

#### 1) TV Type

Select the corresponding TV system to fit your system; PAL, AUTO, NTSC system are available of this device.

#### 2) PBC

This option is used to open or close PBC.

#### 3) Audio

Select the desired audio language (English, French, German, Spanish, Dutch, Portuguese, Italian, Others).

Note: The DVD audio language must be recorded in the selected language; otherwise the default language will be on.

#### 4) Subtitle

Press the Subtitle key repeatedly to select a subtitle language (English, French, German, Spanish, Dutch, Portuguese, Italian, Others).

#### 5) Disc Menu

Select the desired menu language (English, French, German, Spanish, Dutch, Portuguese, Italian, Others). If there is no such and option in the disk, the default language of the disc will be played.

#### 6) Parental

This unit has 8 different age ratings for selecting. You can move the cursor to select one of them, and then press "Play/Enter" button on the remote control to enter. Here DVD will remind you to input the password.

#### 7) Default

Select this option to reset all the preferences to the player's original factory setting.

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## 5. Password Setup Page



### Password Mode/Password

The original password of this unit is "138900" and you can change it to a new one.

## 6. Exit Setup Page



This option is used to exit the Setup menu; you can also press the Setup button on the remote control to exit.

## SPECIFICATION

Disc type	DVD SVCD VCD JPEG CD MP3 MP4
Video format	MPEG2 for DVD, and MPEG1 for VCD.
Audio format	MPEG1, MPEG2, PCM, Stereo
Signal output	Video format: NTSC, PAL, AUTO Video output: 1.0V p-p Audio: Stereo, 1.5V (RMS)
Output ports	Video output, Audio output, Chromatic aberration output, S-video output, Optical fiber output, Coaxial output, Scart output
Input ports	USB, Multi-Midia Card
Power supply	~230V / 50Hz
Max power	50W
Frequency	20Hz-20KHz $\pm$ 3dB
S/N ratio for audio signal	$\geq$ 80dB Weight A
Operation condition	Temperature: 5°C ~35°C Installation: on the flat horizontal surface

Note: \* Some MPEG 4 discs are in \*.rm/ \*.ra/ \*.ram/ \*.rmm etc format and are not supported by this device. Please select carefully before purchase. The specification is for reference only, subject to change without prior notice.



Waste electrical products should not be disposed of with household waste. This equipment should be taken to your local recycling centre for safe treatment.



## TROUBLESHOOTING

Please use the following methods to solve the following problems while using this unit.

Fault Phenomenon	Possible Cause	Handing
Power supply can not be turned on	Power plug is not fully inserted into the socket	Insert the power plug into the socket securely
The remote control does not work	Battery is used up	Replace with a new battery
	The front end of the remote control is not aimed at the infrared reception part of the player	Please aim at the remote control window
No image on the TV screen	No video cables are connected or not securely connected	Perform connection according to system connection diagram
	TV not set at video mode	Set the TV at the video mode
	The scanning mode of the device does not match the TV scanning mode	Press line by line/alternate line key to convert scanning mode
Play can not be realized	No disk is placed into the guide slot	Place the disk into the guide slot
	No disk is in	Place in a disk
	Inverse placement of disk	Be sure that the side with pictures of the disk points upwards
No sound from loudspeaker	Video cable not connected or not connected securely	Connect the cable as per the diagram
	Wrong operations with external amplifier	Correct operations of amplifier
Discontinuous sound and distorted pictures	Disk not clean	Use a piece of clean and soft cloth to clean the disk
	Disk scratched	Replace the disk with a new one
	Disk distorted	
Invalid displayed on the TV screen	Wrong Operation	Please refer to the function operation description for more details
Operation can not be done	Embedded micro computer fails due to lightning, static or other interference	Power OFF, and restart the computer