

Lenco

MDV-24



2.1 DVD Home Cinema Centre

Instruction Manual

For information and support, 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. To bring the functionality of your device into full play, it is suggested that you try to find some time to read this user manual before connecting and operating your system, so that you can Grasp system connections and requirements in use, and get enhanced enjoyment and Pleasure in using the product from the very beginning.

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.

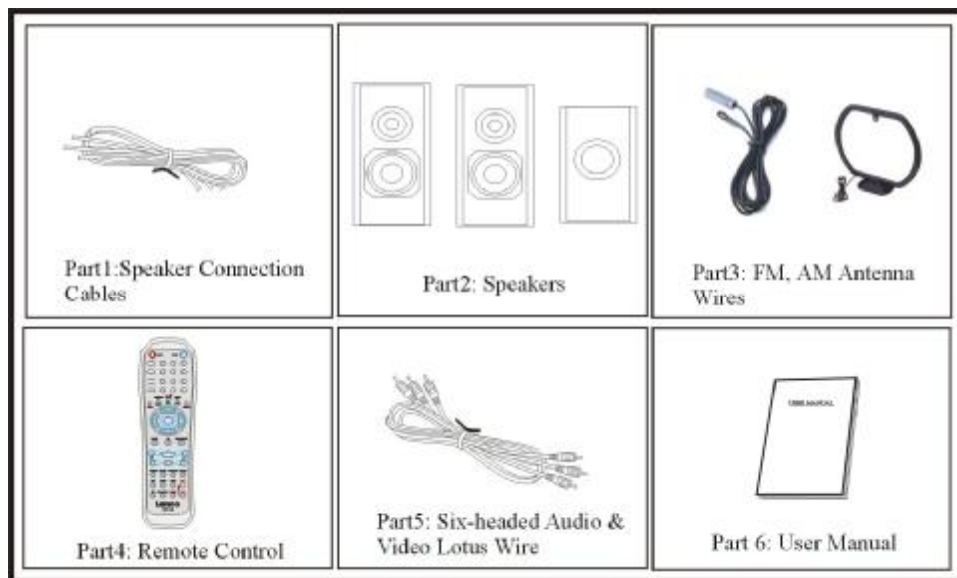
SPECIAL NOTE

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 micro-computer; it may cause error displaying when this unit is posited in interferential place. In this case, please turn off the power exceed 10 seconds, and the unit will resume normal after turning on.

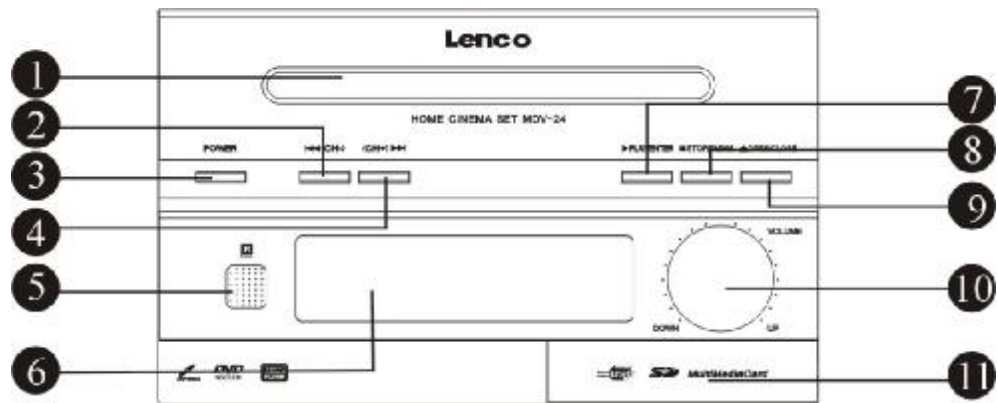
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ACCESSORIES

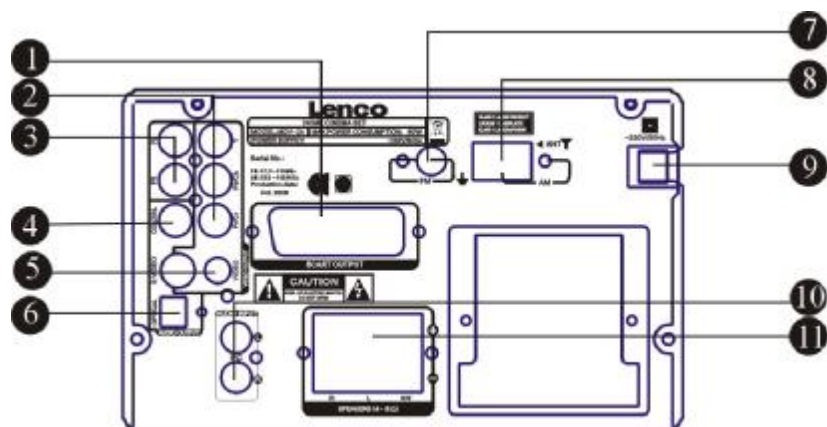


FRONT PANEL



1. Disc tray
2. Previous/Channel-
3. Power
4. Next/Channel+
5. Remote control sensor
6. Display screen
7. Play/Enter
8. Stop/FM/AM
9. Open/Close
10. Volume up/down
11. Built-in USB, Multi-media card ports

BACK PANEL



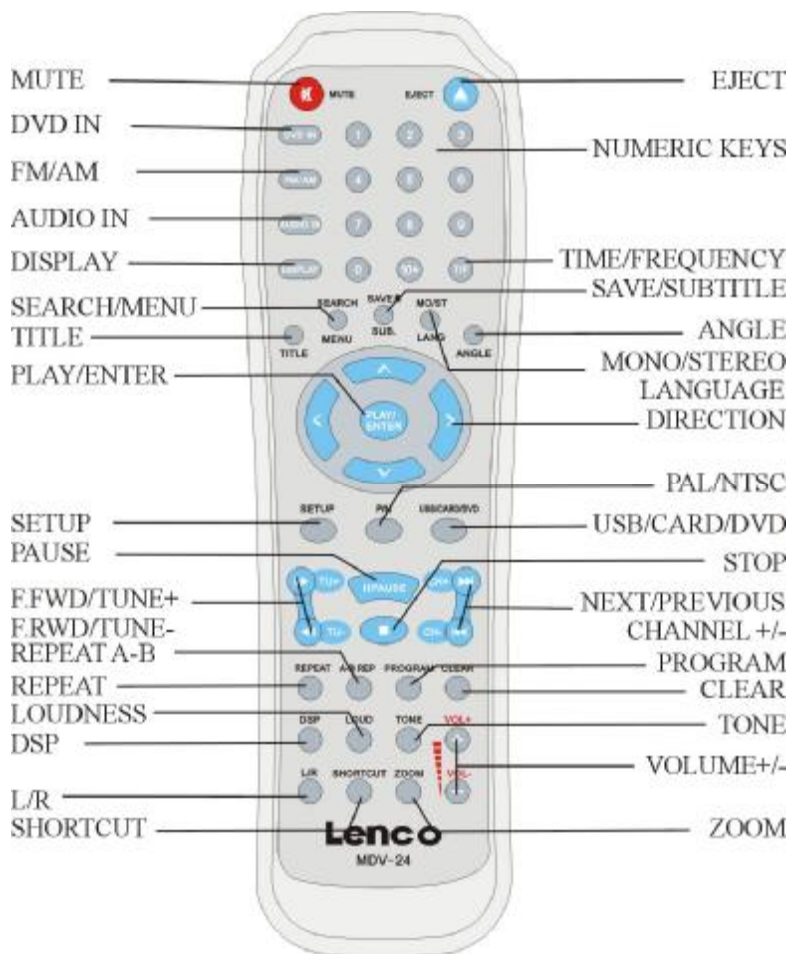
1. Scart output
2. Y, Pb/Cb, Pr/Cr component output
3. L/R front audio output
4. Coaxial output
5. S-video and Video outputs
6. Optical fiber output
7. FM antenna interface
8. AM antenna interface
9. Power supply input
10. L/R audio input
11. 2.1 speaker output

REMOTE CONTROL

NOTE:

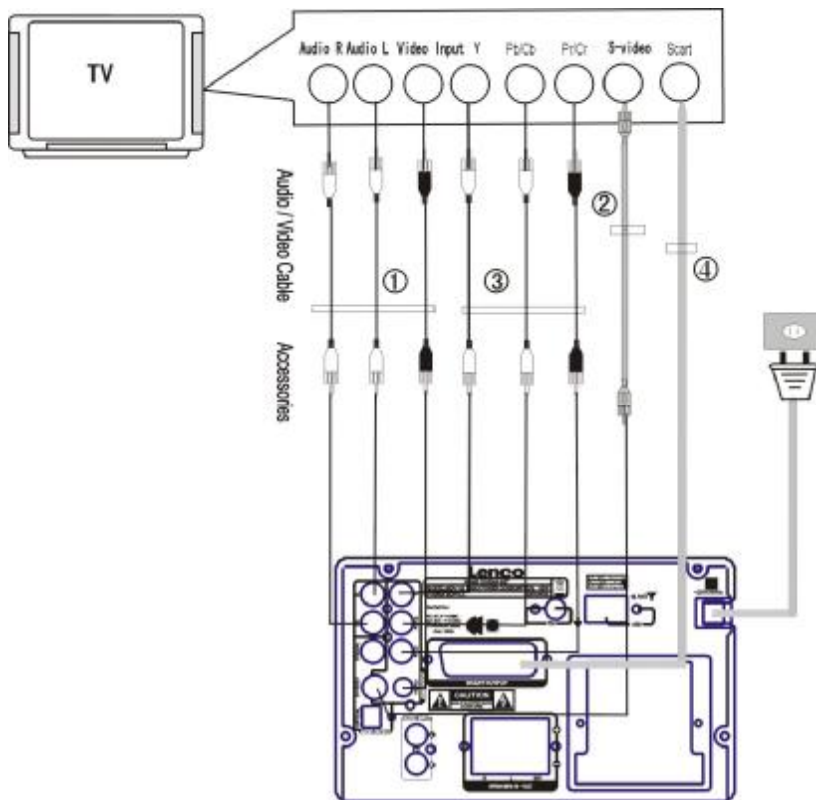
1. Place the batteries in the remote control and turn on the player, put the emitter against the sensor of player for remote control.
2. The distance of remote control should not exceed 7 meters, or else, it will be invalid.
3. If the sensor or remote control emitter is stuck with foreign matters, it 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

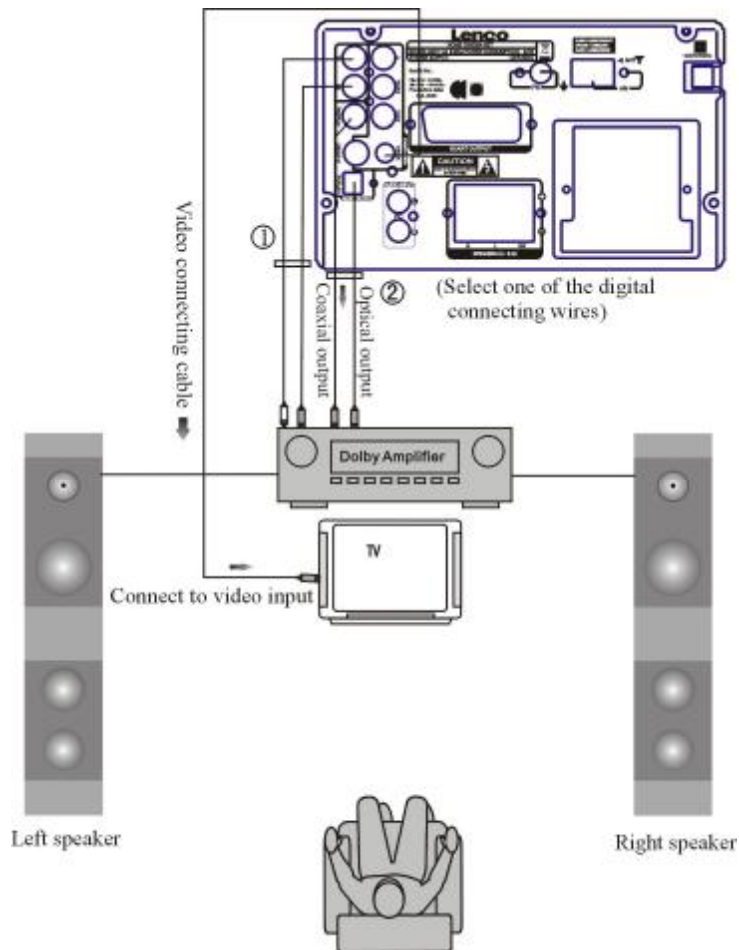
1. If your TV-set has AV terminal, connect this unit to TV-set with A/V cables, and set TV-set to be AV status after confirming the connection is correct. (Figure 1)
2. If your TV-set has S-Video terminal, please use the S-Video connection cable to connect the player and TV-set, to obtain a higher quality 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

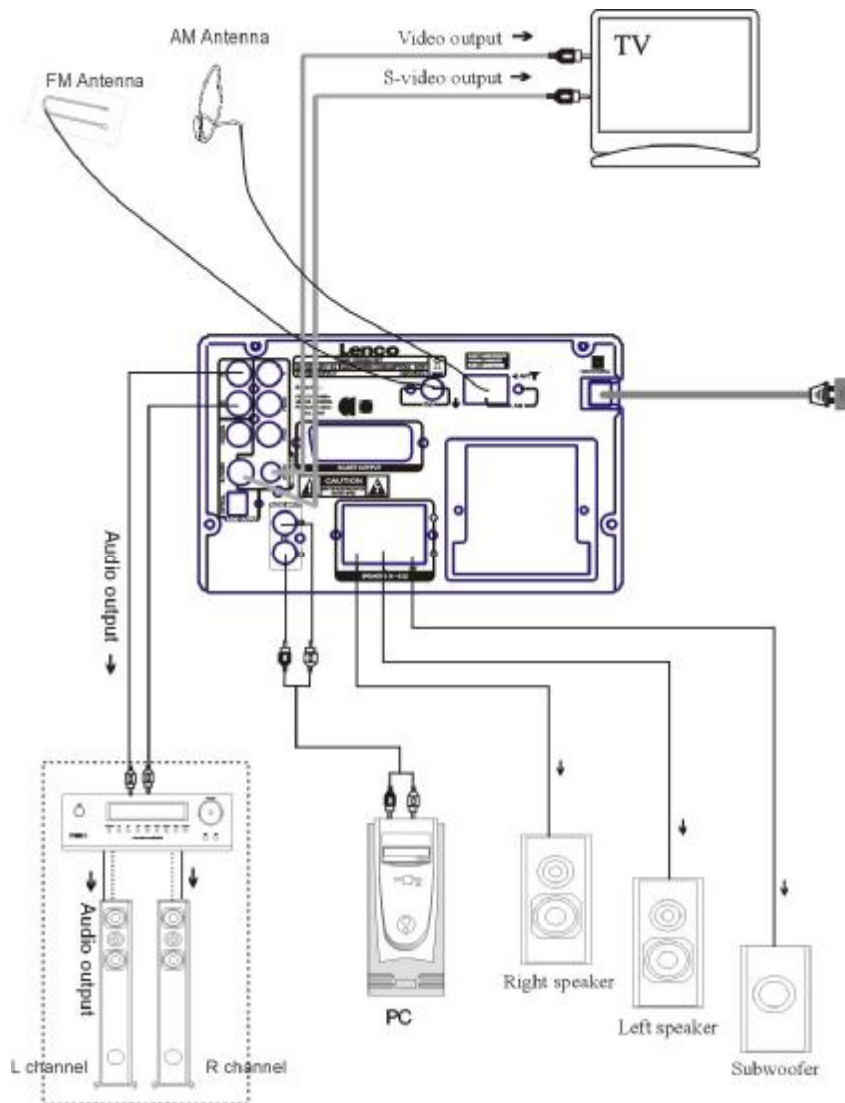


Setup of Digital Audio Output

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.

SYSTEM CONNECTION

Please refer to the following figure to connect your acoustic equipment.
To keep all the connection correctly and firmly.
Power supply can be connected finally.



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 Power button on the front panel to turn on.
- 3). Press Eject button on the remote control (or Open/Close button on the front panel) to carry the disc tray outside, put the disc into the tray, press Eject or Open/Close button again, this unit starts to read and play.

MUTE

In play status, If the Mute button is pressed, there will be no audio output, the sound is eliminated, however 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 Display button, the TV screen will display the following data:

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

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

SOUNDTRACK SWITCH

- 1) While playing VCD or CD disc, press L/R button to select the multiple output modes such as Mono L, Mono R, Stereo and Mix-mono. Press the button once to switch one soundtrack.
- 2) While playing Dolby Karaoke disc, press L/R button to select the different vocal effects: Vocal 1, Vocal 2, Both Vocal, No Vocal Assist, Voice Cancel and No Vocal.
- 3) While playing DVD disc, press LANG 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 language by pressing SUB button:

English, French, German, Spanish and Dutch.

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.

BASIC OPERATION

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.

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.

LOUDNESS

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

SOUND FIELD

In play status, press DSP button, you can select different sound field effect: Live, Pop, Dance, Jazz and Classic.

PAL/NTSC

Press the P/N button to switch TV system output from one of the following: PAL, MULTI, NTSC.

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.

BASIC OPERATION

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.

PLAY/ENTER

Press the Play/Enter button to enable the selected items.

CLEAR

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

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 to enter Audio status to enjoy the outer audio source.
- 2) Press the FM/AM button on the remote control or front panel to select tuner. You can also keep pressing the FM/AM button on front panel for a while to select the tuner.
- 3) Press the DVD IN button on the remote control 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 or Bass 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 or Bass.

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, 1/2 time, 1/3 time, 1/4 time.

BASIC OPERATION

SHORTCUT

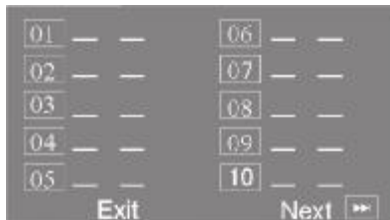
When play DVD discs, press the Shortcut button to jump over the initial title, menu or warnings.
(Only for some discs, subject to the quality or recorded status of the played discs)

NUMERIC KEYS

- 1). While playing songs, press the Numeric Keys 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 Digital button (1--10). For example: If the 16th song is needed, you can press the 10+ button followed by the 6 button.

PROGRAM

● In play VCD/CD disc, press Program button, the TV Screen shows:



● In play DVD disc, 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 remote control (or Open/Close button on front panel) to open the deck, put in an MP3 disc, then press the Eject or Open/Close button to close the deck. This unit begins to read it, and the TV screen will display the following figure,



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 or Menu button to return the sub-menu, and then press the Program button to return the 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 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.

USB/CARD/DVD

This is latest function only found in new generation multimedia DVD-players. Connecting the USB or digital card while playing a disc does not influence the quality of playing. In order to view the contents of the USB or digital card, following operations need to be performed.

1. Press the USB/CARD/DVD button on the remote control once, the dialogue window will appear on the screen. Use Up/Down direction button to select the required option.
2. Press the Play/Enter button to switch on the selected option.
3. If a disc is not loaded, the player will automatically check the presence of a USB or Digital card. If one of these appliances is found, the player will automatically start playing its content or displays screen menu of the appliance.
4. To exit the USB/CARD mode: Press USB/CARD/DVD button again, and move the cursor to "DVD" item, and then press Play/Enter button.

NOTE: If you are using a USB extension cable, this cable should be limited to max. 0.5m.

THE STORE FUNCTION

This unit can save the last settings you made before the unit is switched off. Such as "DSP" for 5 preset sound fields, "LOUD" for "Loudness On/Off", "TONE" for "Bass +/-" and "Treble +/-".

BASIC OPERATION

FM/AM RADIO OPERATION

1. Enter FM/AM Function

In the turn-on or playing status, press the FM/AM button on the remote control to enter FM/AM 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 Tune- or Tune+ 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. The step of AM is 9 KHz.
- 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 993, 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.

Note: Stereo is not available in AM mode.

5. Exit FM/AM Status

- 1) Press the AUDIO IN button on the remote control to exit FM/AM status, and switch to audio input mode.
- 2) Press the DVD IN button on the remote control to exit FM/AM status, and switch to DVD mode. The player will start playing if there is a disc inserted.

Remark: FM Frequency range: 87.00-108.00MHz

AM Frequency range: 522-1620 KHz.

(Beyond the range, input is invalidity.)

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

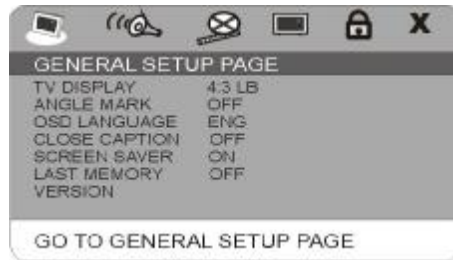
2. You can search further bands by pressing Search button when adjusted the FM/AM antenna in a right position.

3. If the band is not clear by auto search, you choose the way manual search adjustment by press Tune-/Tune+ 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 ◀ ▶ buttons to move the different setup pages; Also 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.

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) Version (Soft Version)

This option is used to display the model of this system and its factory name.

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: the dialog of this unit is set to be off.

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) 3D Processing

Reverb Mode

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

5) HDCD

Filter

This option has three settings: OFF, 44.1KHz, 88.2KHz. Please set it according to the disc, and get more clear and more exquisite sound.

DVD MENU SETUP

3. Video Setup Page



1) Video Output

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

2) TV Mode

This option is used to select the scan mode to Progressive or Interlace.

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

3) Color Setting

You can adjust the video output of sharpness, brightness, contrast, gamma, hue, 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).

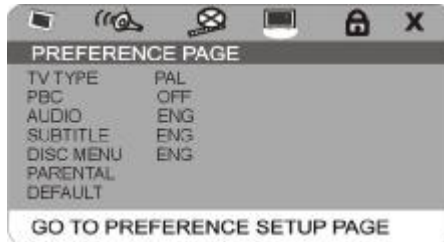
The adjustable range of contrast is: +/-16(default is 0).

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; or in playing status, press the STOP button twice.)

1) TV Type

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

2) PBC

This option is used to open or close PBC.

3) Audio (Language)

Select the desired audio language (English, French, German, Spanish and Dutch.)

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

4) Subtitle (Language)

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

5) Disc Menu (Language)

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

6) Parental Control

This unit has 8 different age ratings for selecting. You can move the cursor to select one of them, 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.

DVD MENU SETUP

5. Password Setup Page



Password

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

6. Exit Setup Page



In this option, press the PLAY/ENTER button to exit the Setup menu; you can also press the SETUP button on the remote control to exit.

SPECIFICATION

Disc type	DVD, DVCD, VCD, SVCD, CD, CD-R, MP3, MPEG-4
Video format	MPEG2 for DVD, and MPEG1 for VCD
Audio format	MPEG1, MPEG2, PCM, Stereo
Signal output	Video format: NTSC, PAL, MULTI Video output: 1,0 Vp-p Audio: stereo, 2V (RMS)
Output Joint	Video-output, Audio-output, Chromatic aberration output, S-video output, Optical fiber output, Coaxial output, Scart output
Input Joint	USB, Multi-media card
Power supply	~230 V/ 50 Hz
Max. power	80 W
Frequency	20 Hz – 20 kHz, ± 3 dB
S/N ratio for audio signal	≥ 80 dB, 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.



If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)

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