

HEADREST DVD PLAYER

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Compatible with:
DVD/VCD/CD/MP3/MP4/CD-R/CD-RW/GPS



USER'S MANUAL

Compatible with:
DVD/VCD/CD/MP3/MP4/CD-R/CD-RW/GPS /Divx

Technical Specifications

Panel	TFT LCD
Screen size	7 Inches (16:9)
Pixel	480 X 3 (RGB) X 234
Temperature	Operation: -10°C ~ 55°C ; Storage: -30°C ~ 75°C
Backlight	LED
Brightness	300 cd / m ²
Color system	PAL / NTSC
Playable discs	DVD、VCD、CD、MP3、MP4、CR-R、CD-RW、DVD-R、DVD-RW、DVCD
Resolution	≥ 500
S/N	≥ 90 dB
Isolation	≥ 65 dB
Audio Input/output	1.6V ± 20%
Video Input/output	1V _{p-p} ± 20%
Power supply	DC 12V
Power	≤ 12W
Product Dimension	280mmx220mmx140mm
Product N.W	1.6kg

Your attention please:

The design and specifications are subject to change without notice.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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Please read the manual carefully before using and keep it well for your future reference.

Important instruction for safety:

For your safety, do not turn on, watch or operate the unit while driving.
In some countries and regions, it may be against the laws.

The product is comprised of many precision electronic components.
Self-renovation or disassembling may cause malfunction to the device.

Note:

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

High voltage inside! Do not open or dismantle the unit. Do not repair yourself. Refer servicing to qualified personnel.

The product is a laser product. Make sure to read instruction manual before operating.

Do not try to open the covers to avoid direct laser radiation.

When the cover of the unit is opened or the interlocking system gets unlocked, the Laser light can be visible. Direct vision of Laser beam is hazardous to your eyes.

In order to prolong the life of the unit which has a large scale of integrate circuits and precision pick-up device, Frequent Turn On/Off might damage the unit. More than 5 seconds interval is required.

Note:

LCD may have a few color dots, which is common for the matrix display technology, and doesn't indicate defects or faults.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

TV Function

(1) Insert the outer TV Antenna to the Signal port of the DVD Machine, and then press the model switch to the TV Status Bar.

(2) Press the Setup keystroke switch to the TV Enactment Page, and then make the TV System and TV Sound to Local system.

(3) Move the Cursor key to the Automatic Searching, press the ENTER to begin the search, you can enjoy the TV Programs after the search. Press the Auto Zoom on the Remote can enter to the searching system directly.

Troubleshooting

Please consult Troubleshooting to deal with these problems when you are in experiencing difficulties:

No Sound or bad sound effect

Please check if cables are connected properly

Please check audio cable setup

Please adjust the receiving frequency to equal with the transmitting frequency

No Picture

Check if cables are connected properly.

Video Input is not yet set up correctly

The monitor is on or off

Poor Quality Picture

The color is not properly adjusted; please operate the remote controller to adjust it.

The disc is scratched or spotted.

The Player does not work, or no disc

Insert the disc or check if the disc is placed up side down or not. Place the disc with the playback side down,

The disc is dirty. Clean the disc.

The unit has moisture on the inside, take out the disc and power off unit for about one hour.

Disconnect the power cord and plug the power cord into the wall outlet securely again to reset unit.

The remote control does not work properly

There is an obstacle in the path of the remote control and the unit.

Remove the obstacle, check if remote control points to receiver or not.

The batteries in the remote control are depleted. Replace the batteries with new ones.

Mp3

Basic Operation

Mp3s can be played by the List mode, Program mode and Normal mode.

Select one mode when unit is stopped. Press Repeat to play, Repeat playing one song or play by list.

Disc Playing

(1) Place the disc into the unit, player will begin to search the disc messages and enter into Normal Playing Mode.

(2) Move Direction Button or use the Number button to select the desired item in submenu.

Press Play to start

Press Stop first, press Direction Button to select other submenu.

Other Functions

Mute, Volume control, Previous/Next functions can be controlled directly from the unit while Mp3 Disc/Audio CD is playing.

JPEG

This unit can play the picture CDs in the JPEG format. JPEG is the most popular picture compressing format currently.

Press Number Buttons to Select Pictures

(1) Place the disc in the loader correctly, and the player starts searching.

Messages, signal shows on the screen.

(2) Press Number buttons to select the picture album.

Make selection by the disc menu.

(1) Place the disc into the unit, player will start searching messages, Main menu will show on the screen, select from No.1 by Direction Buttons. Press Play to confirm.

(2) Press Direction Buttons to select picture in current picture album, press Play to start.

(3) Press Direction Buttons to select other pictures during stop.

(4) Return to previous menu by selecting File during stop. Then Press Play.

USB/MMC/SD/MS

INSERT MMC/SD/MS or Connect USB, press MODE button, when MMC/SD/MS or USB found. You can select media and then choose MMC/SD/MS or USB to play.

Note: please do not use the removable hard disk. This will lead to abnormal working.

Games Function:




Press MODE enter into Games function, and then use Direction keystrokes on Games Remote Control to choose the games you are looking for, after the choice press START to play games.

Remote control should aim at the remote signal hole during the playing.

Features:

- ▶ Ease of Installation, Non hazardous design
- ▶ 135-185 mm adjustable for the steel tube, making it to be suitable for the seat requirements, the diameter of the steel tube is 12mm.
- ▶ The display unit has built in DVD player.
- ▶ Built-in wireless FM transmitter
- ▶ Built-in IR transmitter
- ▶ AV input channels, compatible to GPS
- ▶ AV output channels, could be connected with other monitor.

Discs for playback

Type	Icon	Content	Size
DVD		Video & Audio (dynamic image)	12cm/8cm
VCD		Video & Audio (dynamic image)	12cm/8cm
CD		Audio	12cm/8cm
Mp3	MP3	Audio	12cm/8cm
Mp4	MP4	Video & Audio (dynamic image)	12cm/8cm

Disc-related terms

Title (DVD Only)

The main film content or accompanying feature content or additional feature content or music album. Each title is assigned a title reference number enabling you to locate it easily.

Chapter (DVD Only)

Sections of a picture or musical piece are smaller than titles.

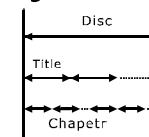
A title is composed of one or several chapters. Each chapter is assigned a chapter number that enables you to locate the chapter you want. Depending on the disc, no chapters may be recorded.

Track (Video CD and audio CD only)

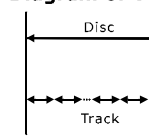
Sections of a picture or a musical piece on a video CD or an audio CD.

Each track is assigned a track number, enabling you to locate the track you want.

want. • Diagram of DVD disc



• Diagram of VCD/CD



Placement

The storage temperature ranges is from -30°C to 75°C, operating temperature ranges from -10°C to 55°C.

Do not expose this unit to rain or moisture. Avoid dropping or any other impact to the unit.

Condensation on the screen and trouble shooting

Condensation may occur on the unit in following cases.

Due to a sudden change in temperature and if the cars' air-conditioner is turned ON there will be a vapor formation on the screen. To de-vaporize it please take out any discs from the unit and power it ON for about one hour.

Please wipe the machine with soft and dry cloth.

Note:

Handling discs:

Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints will not get on the surface.

Do not stick paper or tape on the disc.

Storing discs:

After playing, store the disc in its case.

Do not expose the disc to direct sunlight or sources of heat, or leave it in a parked car exposed to direct sunlight, as there may be a considerable temperature increase inside the car.

Cleaning discs:

Fingerprints and dust on the disc can cause poor picture quality and sound

distortion. Before playing, clean the disc with a clean, soft cloth. Wipe the disc from the center, out. Do not use any solvents such as it will damage the surface of the disc.



(4) Disc Menu

Disc has different languages such as French, Spanish, Chinese, Japanese, Korean, Russian, and so on, these languages can be played by this unit. And user can select any language from disc menu.

Note This function is valid to the discs which has multiple languages.

(5) Parental

Movies on DVDs may contain scenes not suitable for children, therefore, discs may contain Parent Control information that applies to the complete disc or to certain scenes on the disc. These scenes are rated at different levels, more suitable scenes are available for selection on some disc. Ratings are country-dependent. The Parental Control feature allows you to prevent discs from being played by your children or to have certain discs played with alternative scenes.

(6) Default

Select default to restore original factory setting.



Password Setup Page

The original password is 1379; please select Password to input yours.

If the password is forgotten or mixed-up, please input 9999.



Please operate from the Setup menu.

Note: This function can be performed when the player is stopped.

TV Setup Page

In The TV Mode, Press Setup Button To Enter TV Setup Page



Press CH+ CH- to choose auto search, manual search, S-COLOR, S-SYS, Band, SKIP,

◀ ▶ button to set up parameter. Color system can support PAL/NTSC/SECAM

Sound system can support BG/DK/I/M/L

(3) Angel Mark

When Angel Mark is on, user can select a special angle for watching (only for discs with this function)

(4) OSD Language

It is available for the user to select one language for both the entire setup menu and the OSD language.

**(5) Captions**

Turn ON /OFF the captions

(6) screen Saver

Screen saver is to protect the screen from aging, extending its life-span. Screen saver will be enabled if play stops or the picture does not keep moving for minutes.

(7) Last Memory

Disc will be played from the latest stop position in Memory-play-on mode.

Preference Setup Page**(1) PBC**

Set PBC state.
PAL/NTSC is compatible

(2) Audio

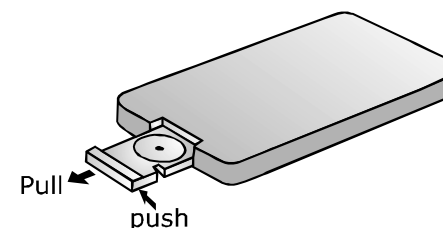
Please operate by setup menu.
Audio will be in English, French, Spanish, Chinese, Japanese, Korean, Russian and so on depending on the discs.

(3) Subtitle

Subtitle will be in English, French, Spanish, Chinese, Japanese, Korean, Russian and so on depending on the discs. User can either hide the subtitle or choose any subtitle language while playing DVD discs.

**Brief Instructions****Checking the accessories**

Connecting Power Line	1
12mm diameter steel tube	2
Remote controller	1
User's manual	1
Games Faction (optional)	1

Battery replacement Instructions for Remote controller(shown in picture)

* Press the tab on the underside of the battery cover and at the same time pull out the battery tray.

Insert the battery,

Take the CR2025 Type battery with the stamped(+) mark facing upward. Insert the battery tray into the remote control

* Point the remote controller to infrared receiver window of the machine within 60 seconds and 3 meters, without any barriers between them.

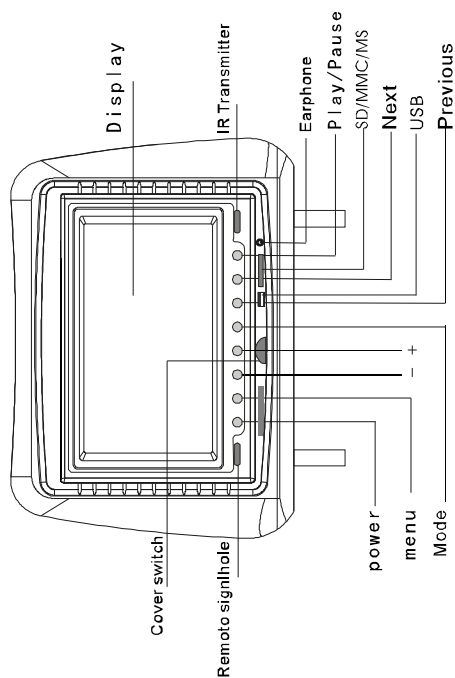
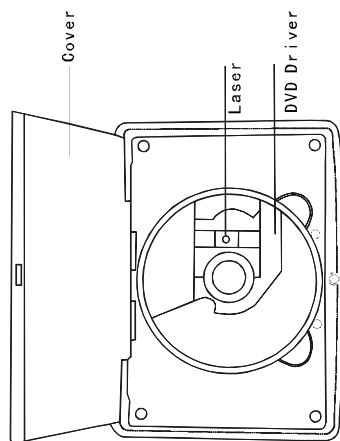
* The life-span of the batteries is about one year, always replace the old set with a new set of batteries.

* Please take out the battery when the remote controller is not being operated for a long time

* Please pull out the separation film prior to using the remote controller.

WARNING!

Store the battery where children can not reach. Do not recharge, short, disassemble or heat the battery or dispose of it in a fire.



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Setup

The setup page includes General Setup, Password Setup, Preference Setup Page and Exit.

Setup page will show on the screen on the screen by pressing Setup.

Operating methods:

Press Setup to enter into Setup page.

Move up/down to select the desired item.

Move left/right to select the desired item.

Press Enter to confirm

To exit setup, press Setup again, or select Exit in setup menu

(show as pictures):



Menu: Show the current menu

Menu Title

Selection zone: Select the desired item to setup

Menu: Showing the current menu

Menu Title

Selecting Zone

Mode: Show the current mode

General Setup page

(1) TV Display

Please operating by setup menu, and refer to the picture following

Note:

If the aspect ratio is 4:3, it is able to show in 16:9.

The image will be compressed horizontally, if the DVD disc system is in 16:9.

Because low-quality or pirated disc will result in bad effect, please play high quality discs for your pleasant enjoyment.

(2) TV Type

To set the output video signal color system: PAL, Multi or NTSC.

Multi means the color system according to the disc program source.



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Direction Buttons

Press Direction Buttons to make a free selection in the title, content and setup menu easily.

Note: Direction buttons on the player can perform Fast Forward/Fast Back Ward, Previous/Next functions.

Program

Press Program to enter into the program menu, input the number for the title, the chapter or a song.

Press direction button to select the track you want to start playing.

To cancel program function, press Program to enter into the program menu and select Stop.

Mute

Press Mute one or more times to select mute on or mute off.

CONSOLE

CONSOLE include: Brightness, Contrast, Color, Hue FM Transmit, IR Transmit, Reset. Press CONSOLE that will display the select subtitle, press +, -, can adjust its Value and the transmitting frequency.

After adjusts the parameter, then presses CONSOLE to return, the parameter can automatically remember.

Note: Reset will make the value of Brightness, Contrast, Color and Hue return default value, and turn off the FM/IR Transmitter.

Installation and connection Method

Checking whether the appearance and installation of specification are fitted. During the knocked-down process, must choose the right accessories and right tools.

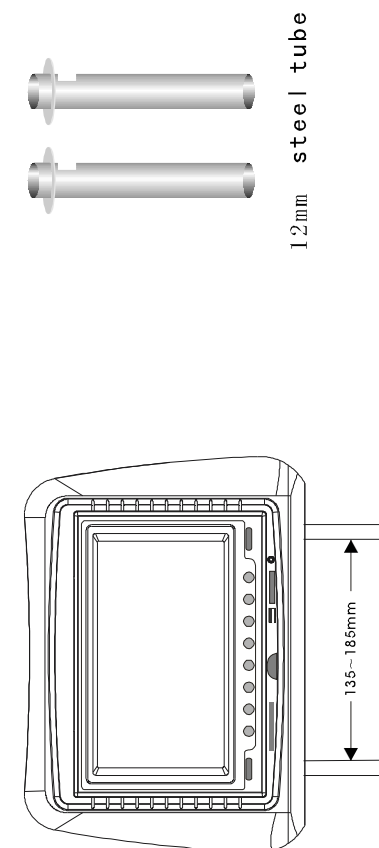
Installation Step:

Step1, Discharge original pillow

Step2, Choose right installation steel pipe, in order to being fitted to the original structure.

Step3, Connect the power cord and the Video cable

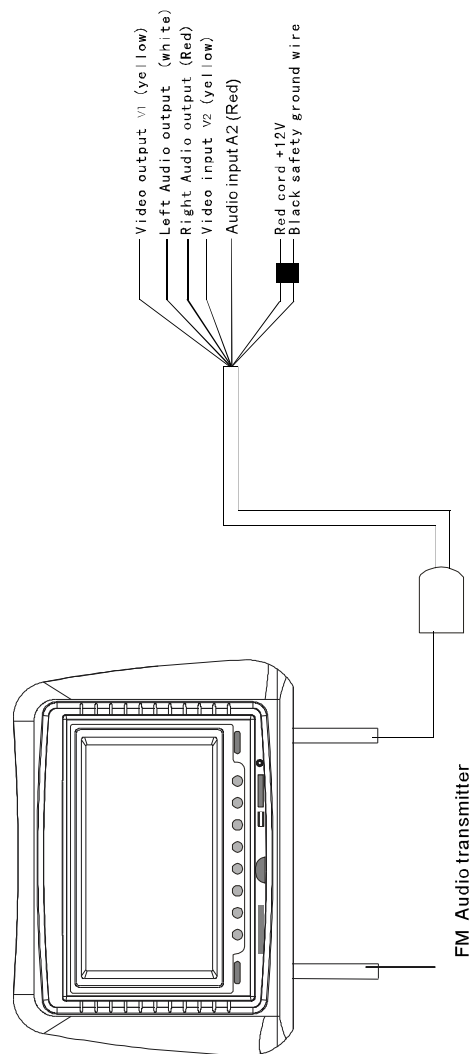
Step4, Fixup the pillow



Note:

The appearance and installation of specification are not fitted to all kind of cars. Please choose the right appearance and installation of specification.

The headrest DVD player has AV input port and AV output port, the AV input port can connect with other signal, just like GPS or TV-Box, the AV output port can connect to other display.



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(1) Playing VCD discs

Press Search to check the elapsed time for the entire disc, the item and the current item during VCD disc will play.

Press Number button to input a time, the player will play from the point you've selected.

Subtitle

While playing the DVD disc with multi-subtitles, choose the desired subtitle, and it will show on the screen.

Will show on the screen when this feature is not available on the disc.

Note: This feature setting is valid only for the current disc. The subtitle language can be changed from the DVD settings menu.

Audio

There is multi-language feature while the DVD disc is playing.

When playing discs with this function, you can select the desired language by pressing Audio.

The left audio, right audio and the stereo shows on the screen while playing the VCD disc. You can select the desired language when playing the disc with dual languages.

Note: This feature setting is valid only for the current disc which has multi-language settings.

ANGLE

If the disc contains scenes recorded at different camera angles, you can change to a different camera angle during playback. Press ANGLE repeatedly during playback to select a desired angle. (Only for discs with this function)

Screen will display if this function is not available on the disc.

Zoom

In this mode, the dynamic or still picture can be zoomed in at most by 4X.

Press Zoom three times, the picture is zoomed in by 2x, 3x, 4x. Press Zoom again to return to the normal playing mode.

Repeat

(1) While playing the DVD disc, press Repeat for the first time to repeat playing one chapter, press Repeat for the second time to repeat playing one title, press Repeat for the third time to repeat playing the entire disc, and press Repeat to cancel.

(2) In PBC off mode:

While playing the VCD disc, press Repeat for first time to repeat one song.

Press Repeat for the second time to repeat the entire disc.

Press Repeat for the third time to cancel.

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Press Display for the third time, screen shows the elapsed time of current chapter.

Title 03 / 10 Chapter 01 / 04 0:03:26

Press Display for the fifth time to exit

(2) Playing VCD disc In PBC ON mode

Press Display for the first time, screen shows the elapsed time

Title 00 / 10 Chapter 00 / 04

Press Display for the second time, screen shows the remaining time.

Title 03 / 10 Chapter 44 / 04

Press Display for the third time to exit

(3) Playing VCD disc IN PBC OFF mode

Press Display for the first time, screen shows the elapsed time of the current item.

Track 01 / 01 00 :04

Press Display for the second time, the screen shows the remaining time of the current item.

Track 01 / 01 45 :04

Press Display for the third time, the screen shows the elapsed time of the entire disc.

Track 01 / 01 00 :24

Press Display for the fourth time, the screen shows the remaining time of the entire disc.

Track 01 / 01 45 :24

Press Display for the fifth time to exit

Search

Press Search, input a title, a chapter or a time, the player will start playing from the desired point to the end point.

Playing DVD disc:

(1) Search a title or a chapter:

Press Search, screen shows as below:

Title 00 / 10 Chapter 00 / 04

Press Left or Right to select one title

For example: press Number 3 to select title 3, select Chapter 1 by pressing direction buttons, the screen will show:

Title 03 / 10 Chapter 01 / 04

(2) Search by time

Press Search, screen shows:

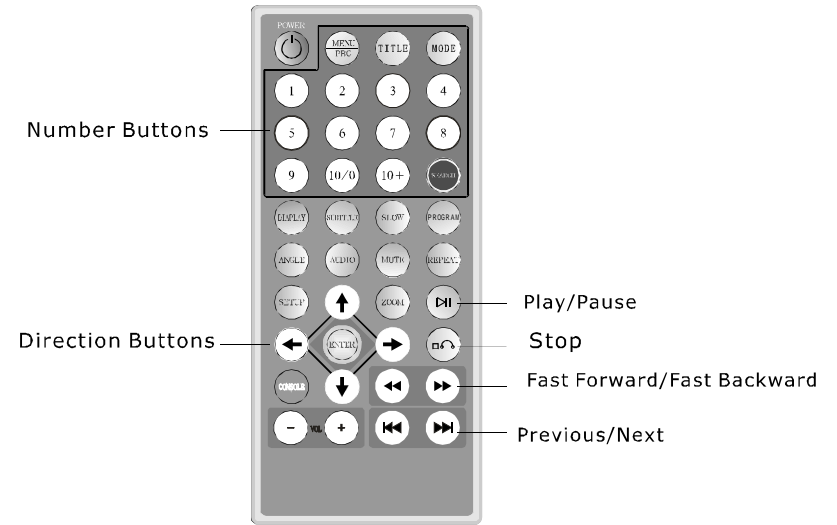
Title 03 / 01 time : :

Title 04 / 01 time : :

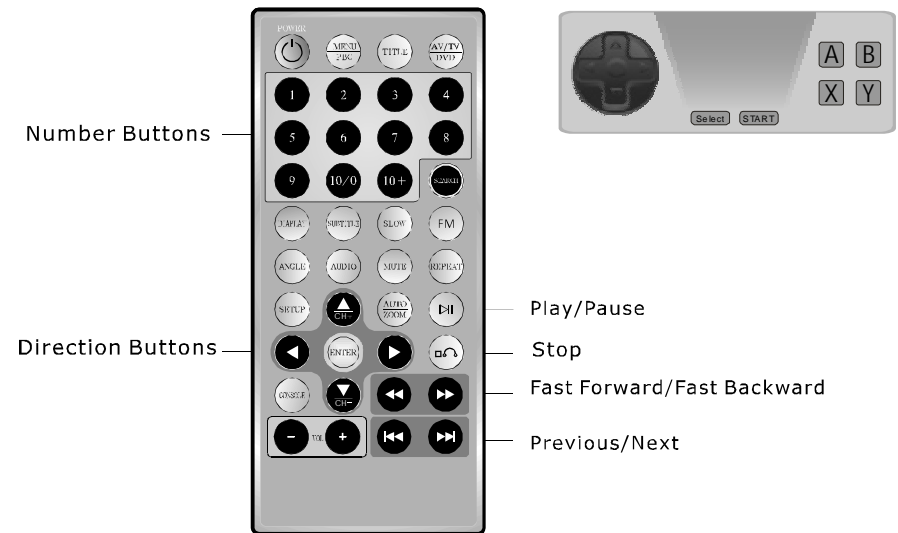
For example: Press Number button to input 0, 1, 0, 6, 1, 8, the player will play from the point at 01:06:18

Title 08 / 10 time 01:06:18

Panel of the Remote Control



TV Panel of the Remote Control



Games Remote Control

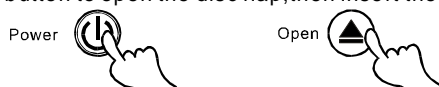


Basic Operation

Make sure that you have correctly connected your unit as described earlier in this book.

Power on and CD loading.

- 1, Press the Power button to turn ON(Power Indicator is OFF), as the player will start loading the start-up menu.
- 2, Press the Open button to open the disc flap, then insert the disc, Close the disc flap.



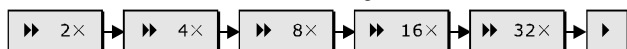
- 3, While playing DVD discs, please select one item in the DVD menu or the title menu.
- 4, Press Direction Buttons or the Number Buttons to select the desired item, then press Enter or Play to start.
- 5, The player will start automatically. Press Pause to stop temporarily, press Pause or Play again to cancel Pause. While playing the DVD disc, press stop for memory stop, press Play for memory play, press Stop twice to stop playing.

Note:

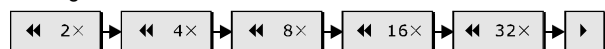
To stop playing the DVD press Stop twice.

Fast Forward/Fast Backward

While the DVD disc is playing, press Fast Forward to play at 2X, 4x, 8x, 16x, 32x Speed, the screen will show the following:



Press Fast Backward to play 2X, 4x, 8x, 16x, 32x Speed, the screen will show the following:



Press Play to shift to normal playing mode.

Slow

While the DVD disc is playing, press the Slow button, the picture will show at 1/2, 1/4, 1/8, 1/16 speeds, the screen will show the following:



While the VCD disc is playing, press the Slow button, the picture will show at 1/2, 1/4, 1/8, 1/16 speed, and the screen will show as the following:



Note: Press Play to shift to normal speed play mode.

Previous/Next

To select the previous item or chapter by pressing the Previous button, to select the next item or chapter, press the Next button.

Note:

When a title on the disc has more than one chapter or the disc has more than one track, using the chapter function can move to another desired chapter/track to play. If there is no Chapter/track on the disc, then the above functions will be disabled automatically.

Functions Explanation

Menu/PBC

- (1) Press Menu/PBC to return to the main menu or the Title menu while playing DVD disc.
- (2) While playing VCD disc, press Menu/PBC to turn PBC on or off.
(Not functional if DVD disc playing)
- (3) Only if returned to the main menu can a new song be selected if the PBC-on mode.
- (4) Pressing the number buttons can select one song in PBC-off mode.

Title/Return

- (1) While playing the DVD disc, press Title to enter into the title menu directly, select the desired item by pressing the direction buttons or number buttons
- (2) While playing VCD 2.0, press Title to return to the previous menu; however this function is disabled in PBC-off mode (Only for functional disc)

MODE

Press MODE, it will display a dialogue as below



It is the interchange menu between DVD mode, AV IN mode TV IN or GAME mode and MEDIA mode. Select DVD, will enter to DVD mode, You can load a disc and will play, select AV IN, will enter to AV IN mode; select TV IN, will enter to TV IN mode, Receiving TV program by antenna. select Games will enter into Game mode.

SD/USB port operation function

insert the U-disk/SD card into the opposite USB/SD port, press "SD" to enter USB/SD display mode, press "ENTER" (confirmation key) TO OPEN THE U-disk/SD card, press direction button to select the display content, press "ENTER" again to display. It is same basic operation as under DVD display mode

Attention: SD display mode will be the first-choice when the u-disk and SD card be inserted to the port at the same time.

Display

User can check the elapsed time or remaining time of current title and chapter by pressing Display. Press Display continuously and the screen shows as below:

- (1) Playing DVD disc

Press Display for the first time, screen shows the elapsed time of current title.



Press Display for the second time, screen shows the remaining time of current title.



Press Display for the third time, screen shows the elapsed time of current chapter.

