

TECHLUX HEADREST

TL097001D

User's Manual



Please read the manual carefully before use and keep it Safe for your future reference.

Important safety instructions:

Precautions:

For your safety do not turn on watch or operate the unit while driving. In some countries and regions it may be against the law. 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 this instruction manual before operating.

Do not try to open the covers and avoid direct laser radiation. When the cover of the unit is opened or the interlocking system is 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 amount of integrated circuits and a precision pick-up device, Frequent Turning On/Off may damage the unit. Leave a 5 seconds interval.

Note:

The LCD panel may have pixels out which is common for matrix display technology and does not indicate defect or faults.

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Features

- Easy Installation, Non hazardous design
- Adjusting Headrest pole spacing between 125mm to 165mm, to meet installing requirements of many seats. Diameter of the headrest poles are available for 10mm, 12mm and 14mm
- One monitor unit with built in DVD player and one single monitor
- Built in wireless FM Audio Transmitter.
- AV Input.
- AV Output.
- Infrared Audio Transmitter with Wireless infrared headphone

Discs for playback

Discs compatible with

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

Disc-related terms

- Title (DVD Only)

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

- Chapter (DVD Only)

Sections of a film or a musical piece that are smaller than titles. A title is composed of one or several chapters. Each chapter is assigned a chapter number enabling 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 film or a musical piece on a video CD or audio CD. Each track is assigned a track number, enabling you to locate the track you want.

Diagram of DVD disc

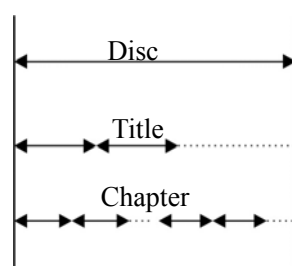
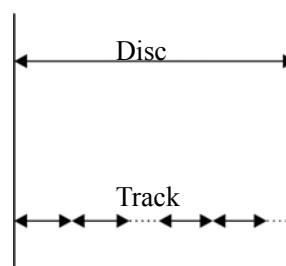


Diagram of VCD/CD



Precaution

● **Safety**

Please check the voltage in the car is correct for the machine requires before playing. This machine has a laser system which is harmful for the eyes, please do not open the unit. Any repair needed must be performed by qualified personnel.

● **Placement**

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

Please keep the pick-up clean and away from dust. A cleaning disc can help deal with this problem if it occurs. For detailed operating instructions for cleaning the pick-up you can consult the user manual of your cleaning disc.

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

● **Vapor on convex mirror and Trouble shooting**

There can be liquid on the convex mirror in the following cases but it is a normal phenomena.

Due to sudden change in Temperature and car air-conditioning their can be a vapor formation on the convex mirror. To de-vaporize it please takeout the disc and power ON the unit for about one hour.

Please wipe the machine with soft and dry cloth to avoid scratching the screen.

● **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, sources of heat or leave it in a parked car exposed to direct sunlight.

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

Before playing clean the disc with a clean cloth. Wipe the disc from the center out. Do not use strong solvents such as alcohol, benzene or thinner.

Cleaning discs:



Brief Instructions

Accessories

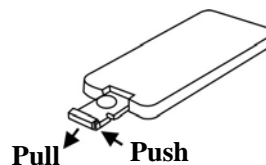
Accessories of the pack	
Cigarette Lighter cable	1
Power cable	2
Audio/Video cable	2
10mm steel tube	4
12mm steel tube	4
14mm steel tube	4
Earphone	2
IR Headphone	2
Remote control	2
User's manual	1

Instructions for Remote control

- (1) Press the catch and pull out the battery tray. Insert the battery, type CR2025, with the stamped (+) mark facing upward. Insert the battery tray into the remote control.
- (2) Direct the remote control at the infrared receiver of the machine within 60° and 4 meters, without any barriers between them.
- (3) Commonly the life-span of the batteries is about one year. Always replace the old set of batteries.
- (4) Please take out the battery when not using the remote control for a long time.
- (5) Please pull out the separation film before using the remote control.

Warning:

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

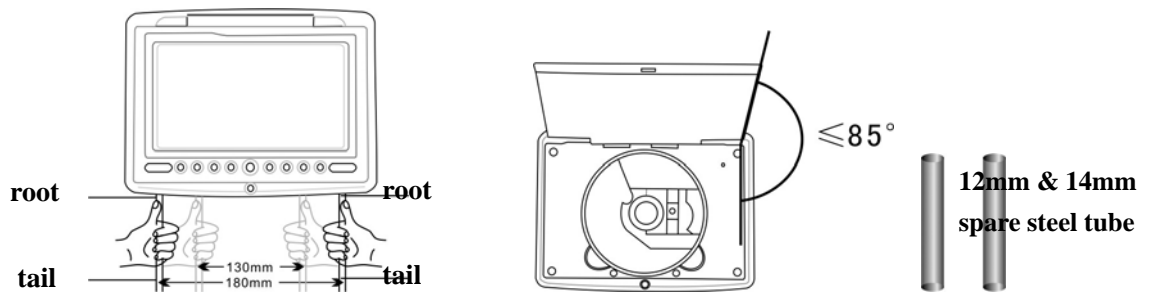


Installation and connection Method

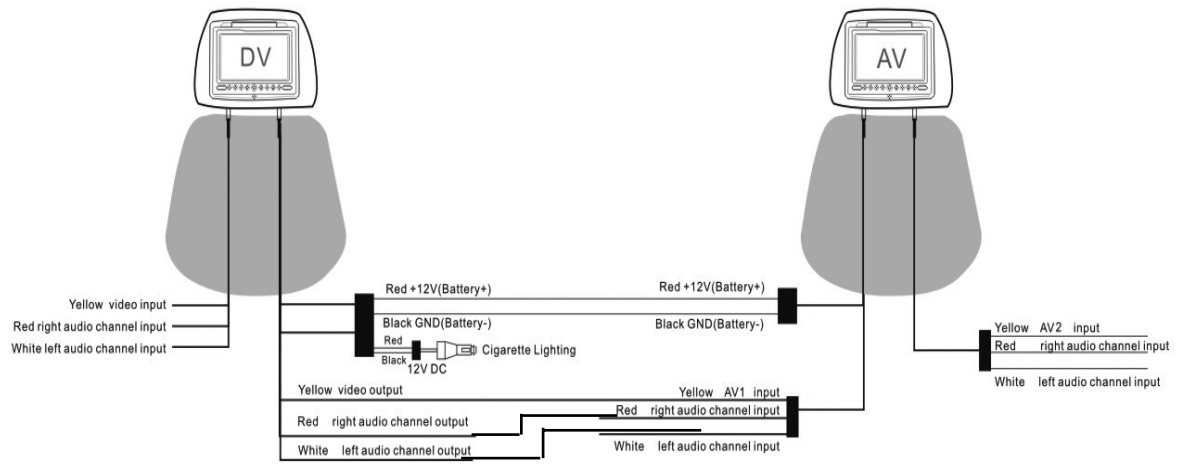
Please make sure of the suitability of the system. Use suitable accessories and tools in installation or disassembling.

Installation Methods:

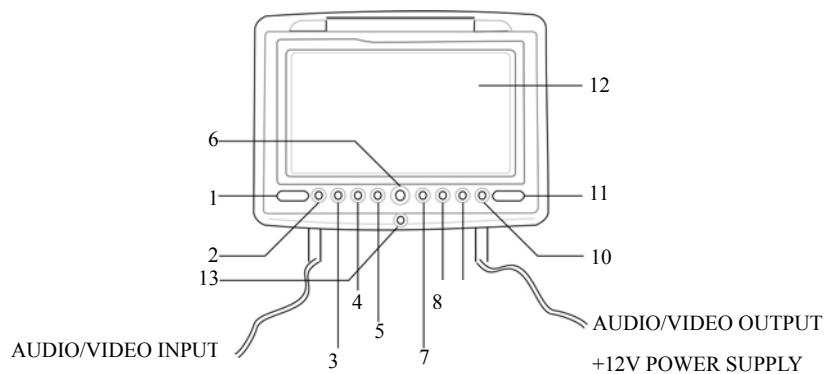
- Step 1 Removing the original Headrest
- Step 2 Selecting the right headrest poles and installing the monitor with DVD player then adjusting the poles into the right position
- Step 3 Threading the power cord and the A&V cord through the steel tubes on the backside of the seat
- Step 4 Fixing the headrest and Adjusting to the driver's requirements.



MAKE SURE THE POLE SPACING IS CORRECT AND SIMULTANEOUS



Sketch map of the player



1- IR TRANSMITTER (Headphone)

2- POWER

3- PLAY/PAUSE

4- STOP

5- PREVIOUS

6- OPEN

7- NEXT

8- (-)

9- (+)

10- MENU

11- IR RECEIVER (Remote)

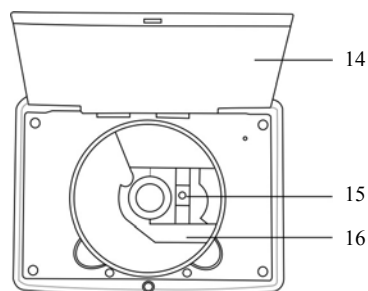
12- DISPLAY

13- EARPHONE OUTPUT

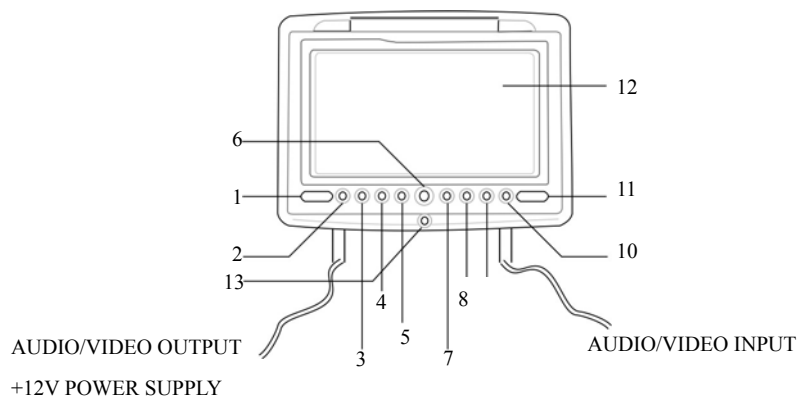
14- COVER

15- LASER LIGHT

16- DVD DRIVER



Sketch map of the monitor



1- IR TRANSMITTER (Headphone)

2- POWER

3- VIDEO1

4- VIDEO2

5- ROTATE

6- OPEN

7- 16 :9/4 :3

8- (-)

9- (+)

10- MENU

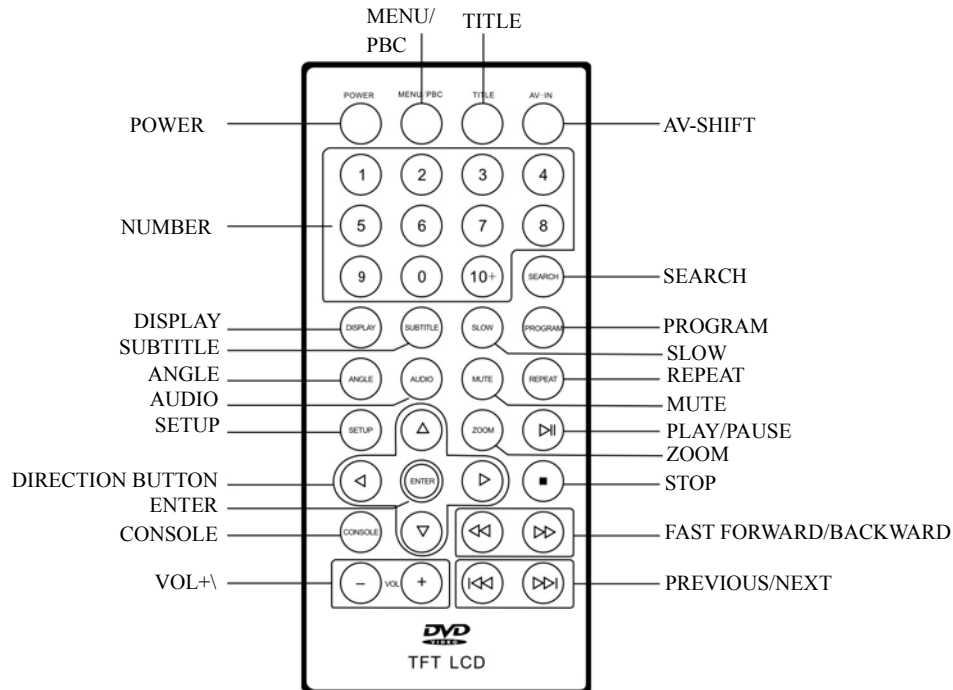
11- IR RECEIVER (Remote)

12- DISPLAY

13- EARPHONE OUTPUT

Remote control layout

NOTE: press the menu button once for menu function. Press and hold the menu button for a few seconds to access the infrared A/B frequency switch function. The volume - / + buttons are functional for menu reset.



Note: Not all buttons function in all player modes or on all disc formats.

Basic Operation

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

Turn on the power, and insert a disc.

1. Press the power button to turn ON.
2. Press the Open button to open the disc cover, put the disc in the tray and close the cover.

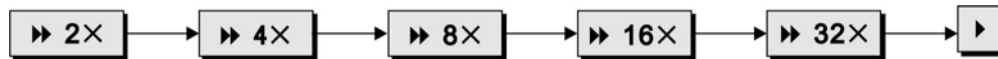
The player will play automatically and display the disc format on the screen.

Power



3. While playing DVD discs please select one item in the DVD menu or title menu. While playing VCD2.0 or CDs the player will play one by one.
4. Press the Direction Buttons or the Number Buttons to select the desired item then press Enter or Play to start.
5. Press Pause to stop temporarily. Press pause again or Play to cancel pause. While playing a DVD disc, press stop once for memory stop, press Play for memory play, press Stop twice to stop playing and enter stop mode.

6. While a DVD disc is playing Press Fast Forward to cycle through speeds



Press Fast Backward to cycle through speeds



Press Play to return to normal playing mode.

7. Slow

While a DVD disc is playing, press the Slow button to cycle through speeds



While VCD disc is playing, press slow button to cycle through speeds



Note: Press Play to return to normal playing mode

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

Note: If there is no Chapter/track on the disc 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 a DVD disc.

(2) While playing a VCD disc, Press Menu/PBC to turn PBC on or off. (No function with DVD disc playing)

(3) Only return to the main menu to select one song in PBC-on mode.

(4) Press the Number buttons to select one song in PBC-off mode.

Title/Return

(1) While playing a 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 VCD2.0, press Title to return to the previous menu; however this function is disabled in PBC-off mode (Only for compatible discs).

Display

The user can check the elapsed time or remaining time of current title and chapter by pressing Display. Press Display to cycle through the following:

(1) Playing DVD disc

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

Title 03/10Chapter01/04 0:06:39

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

Title 03/10Chapter01/04 0:37:34

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

Title 03/10Chapter01/04 0:07:16

Press Display for the fourth time, screen shows the remaining time of current chapter.

Title 03/10Chapter01/04 0:03:27

Press Display for the fifth time to exit.

Playing VCD disc

In PBC ON mode

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

Track01/01 01:27

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

Track01/01 44:13

Press Display for the third time to exit.

In PBC OFF mode

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

Track01/01 00:06

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

Track01/01 45:04

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

Track01/01 00:25

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

Track01/01 45:25

Press Display for the fifth time to exit.

Search

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

Playing DVD disc:

(1) Search a title or a chapter

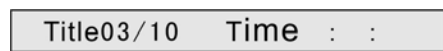
Press Search. Press Left or Right to select title.

For example: press Number button 3 to select title 3, select Chapter 1 by pressing Direction Buttons, the screen shows:



(2) Search by time

Press Search, screen shows:



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



(3) Playing VCD disc

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

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

Subtitle

While playing a DVD disc with multi-subtitles, choose the desired subtitle shown on the screen. This feature is not available on all discs.

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

Audio

If there is multi-language feature while a DVD disc is playing, you can select one by pressing Audio. The left audio, right audio, mixed sound and the stereo shows on the screen while playing a VCD disc. You can select one when playing a story disc with dual languages.

Note: This feature setting is valid only for discs which have 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 the desired angle. This feature is not available on all discs.

It will show on the screen when this function is not available on the disc.

Zoom

In this mode the dynamic or still picture can be zoomed into at most by 4 times. Press Zoom, the picture is zoomed in by 2x, 3x, 4x times. And press Zoom again to return to the normal playing mode. The dynamic or still picture can be reduced at most by 4 Times. The picture is reduced in by 1/2, 1/3, 1/4. Press again to return to normal playing mode.

Repeat

(1) While playing DVD disc, press Repeat once 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 a 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.

Direction Buttons

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

Note: Direction buttons on the player can perform Fast Forward/Fast Backward, Previous/Next functions while playing disc.

Program

Press Program to enter into program menu, press the number buttons to input the number of the title and the chapter on the DVD disc or CD disc.

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

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

Mute

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

Stop

Press STOP button to Stop playing; Press Play button again, continue to play.



















AV-Shift

Press AV-Shift to shift from DVD-playing mode to AV-input, or AV-input to DVD-playing mode, when there is no signals, the screen will be blue.

Note: Once the unit restarts in AV-IN mode, it will be DVD-playing mode.

CONSOLE

CONSOLE button controls following setup:

1.   8 Volume Control
 2.  88.0M FM Transmission with several channels available
 3.  B Infrared (IR) Transmission (A channel & B channel available)
 4.   8 Brightness
 5.   8 Contrast Ratio
 6.   8 Display Colors
 7.   8 Hue
 8.   Rotate Picture Angles
 9.  16/9 Display Mode- 16:9 and 4:3 Aspect Ratios can be selectable
 10.    Restore Default Setting ✓ Save Setting X Exit
- Press ◀▶ button to adjust the required level, channel and angles of picture.

Note: “Parameter Memory” is the last parameter settled before turning off power which is memorized automatically.

Restore Default Settings is only for Brightness; Contrast Ratio; Display Colors; Hue; Rotate Picture Angles; Display Mode. The settings restored are primary reference for you.

Setup

● Setup

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

Setup page will show on the screen by pressing Setup.

Operating methods:

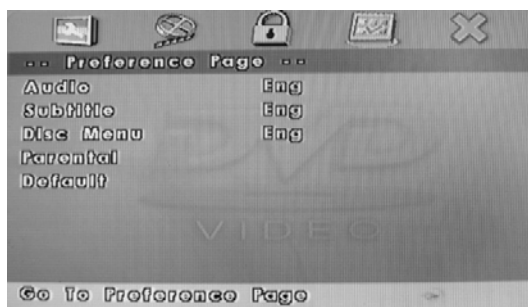
Press Setup to enter into Setup page

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.

Mode: Show the current mode

● General Setup page

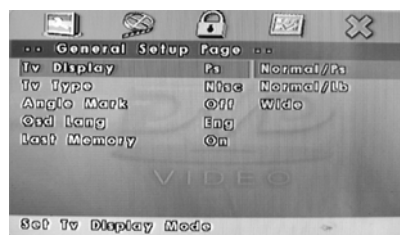
(1) TV Display

Please operate via the setup menu and refer to the pictures as follows

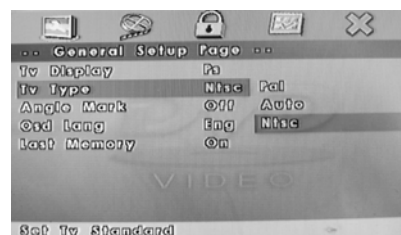
Note: If the aspect ratio is 4:3 it is able to show in 16:9.

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

Because low-quality or pirated discs will result in bad viewing, Please play high quality discs for your enjoyment.



1



2

(2) TV Type

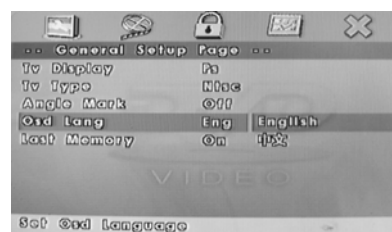
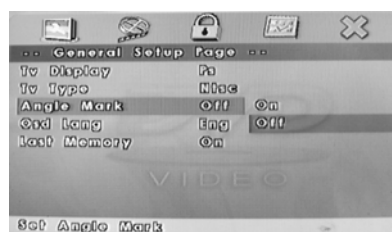
PAL/NTSC is compatible

(3) Angle Mark

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

(4) OSD Language

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

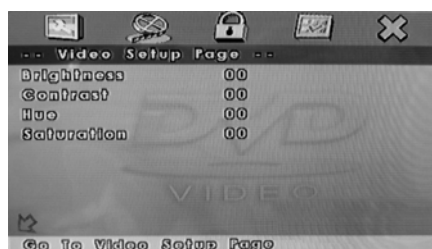


(5) Last Memory setup

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

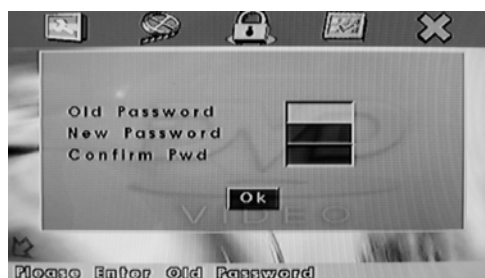
● Video Setup

According to instruction of menu setting and following diagram to select required item. Video setting including: brightness, contrast, hue and saturation. Press direction button Up/ Down to select required item. Press direction button Left/Right to adjust analog increase/decrease.



● Password Setup Page

The original password is 6666; please select Password to input yours. If the password is forgotten or mixed-up, please input 9999.



● Preference pages

Please operate via the Setup menu.

Note: This function can be performed only when the player is in stop mode.

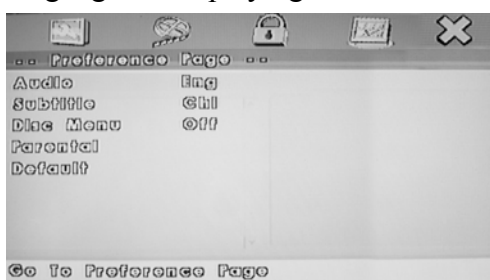
(1) Voice

Please operate via the setup menu.

Voice will be in English, French, Spanish, Chinese, Japanese, Korean, Russian and so on depending on the discs.

(2) 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 available language while playing DVD discs.



Note: This function is not available on all discs

(3) Selecting Language by Disc Menu

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

Note: This function is not available on all discs

(4) Parental Setup

Movies on DVDs may contain scenes not suitable for children. Therefore discs may contain Parental 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 discs. 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.

(5) Default

Select default to restore original factory setting.



MP3

● Basic Operation

MP3 can be played by List mode, Program mode and normal mode. Select mode during stop. Press Repeat to repeat playing one song or play by list.

● Disc Playing

- (1) Place the disc to the loader correctly, player begins to search the disc files and enter into Normal Playing Mode.
- (2) Move Direction Buttons or use the Number buttons to select the desired item in submenu, Press Play to start.
- (3) Press Stop then press the Direction Buttons to select other submenus

● Other Functions

Mute, Vol control, previous/next functions can be controlled directly from unit while MP3 disc/Audio CD is playing.

JPEG

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

● Press Number Buttons to Select Pictures

- (1) Place the disc in the loader correctly and the player starts searching.
- (2) Press the Number buttons to select the picture album

● Make selection by the disc menu

- (1) Place the disc to the loader correctly, player starts searching. Main menu shows on the screen, select from NO.1 with the Direction Buttons, press Play to confirm.

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

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

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

Trouble Shooting

Please consult the Trouble shooting sheet to deal with these problems:

● No Sound or bad sound

Please check if cables are connected properly

Please check audio shift setup.

Please adjust the receiving frequency to harmonize with the transmitting frequency

● No Picture

Check if cables are connected properly.

Video Input is not yet set up correctly.

Check the monitor is on or off.

● Poor picture

The color is not properly adjusted; please use the remote control to adjust it.

The disc is scratched or spotted.

● The player does not work, or no disc

Insert the disc, Check the disc is inserted the right way round, place the disc with the playback side down.

The disc is dirty. Clean the disc.

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

Disconnect the power cord and plug the power cord into a 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 is pointing at the receiver or not.

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

● Note

Please contact an approved service center if the problems can't be solved by the methods offered.

Technical Specifications

Panel	TFT-LCD
Screen	7 inch (16:9)
Backlight	LED
Pixel	480 X 3 (RGB) X 234
Temperature	Operation temperature $-10^{\circ}\text{C}\sim 55^{\circ}\text{C}$ Storage temperature $-30^{\circ}\text{C}\sim 75^{\circ}\text{C}$
Brightness	350cd/m^2
Color System	PAL/NTSC/AUTO
Supported Discs	DVD, VCD, CD, MP3, CD-R, CD-RW, DVD-RW, DVCD
Resolution	≥ 500
S/N	$\geq 90\text{dB}$
Isolation	$\geq 65\text{dB}$
Audio Input/Output	$1.6\text{V}\pm 20\%$
Video Input/Output	$1\text{V}_{\text{p-p}}\pm 20\%$
FM Transmitter	87.8 / 87.9 / 88.0 / 88.1 / 88.2 / 88.3 / 88.4 / 88.6MHz
Power supply	DC 12V (10V to 14V allowed)
Power Consumption	DVD/MONITOR: $\leq 12\text{W}$ MONITOR: $\leq 7\text{W}$

Your attention please:

The design and specifications are subject to change without notice

Warranty Terms and Conditions



1) Coverage:

Claims can be validly made only upon presentation of proof of purchase through an invoice or receipt.

2) Application:

The present warranty enters into effect on the date of delivery to the user.

3) Period of validity:

2 years warranty for the device - 90 days for the accessories (components of the product).

4) Validity of warranty:

a) Without prejudice as to the legal guarantee according to article 1641ff of the civil code, the products are under warranty if used according to the directions included in the instructions.

b) The warranty is valid only for the first user conditionally to the device being used wisely and under normal conditions, i.e. suitable for the product.

c) The warranty covers all repairs and/or replacements of components and accessories which are recognized as being defective by our technical department, without any granting of damages.

d) The performance of the obligations resulting from the warranty does not entail an extension or renewal of the warranty period, except in case of components which are replaced and which fall under the legal guarantee (i.e. in case of exchange or repair under warranty, the period will be neither extended nor renewed. In this case, the warranty and the period of the first warranty will remain applicable).

5) Damages not covered:

As the device is recognized as being in good working condition and without noticeable defect,

THE WARRANTY DOES NOT COVER:

transport costs, nor charges relating to an intervention at the address of the purchaser. Scratches, splinters or marks in the packaging of the device or its accessories which were not noted at the time of delivery / breakable accessories, except in case of manufacturing defects recognized by our technical department. Moreover, we waive any liability for general damages resulting from a defect in the functioning of our devices and which are not relating to the devices themselves. This will in no case entitle to any indemnification for damages caused to disks because of a halt of the device.

6) Exemptions from the warranty are the following:

Interventions due to a faulty installation or connection / a failure in the electrical installation of the premises or vehicle or of nominal values provided for the supply of the device / a wrong manipulation or bad use by the user, insufficient or incorrect maintenance / a fall of or a blow to the device or an accessory / a lack of protection of the device and its accessories at the time of the transport by or for account of the user.

7) The warranty is cancelled:

For devices and accessories having been repaired or altered by persons not authorized by us or whose manufacturing number was altered or deleted.

8) For repairs:

Please contact your retailer.

9) For any disputes or litigation:

The law courts of Luxembourg are exclusively competent.

10) For all information:

Contact: TECH LUX
Zone Industrielle Breedewues
L-1259 Senningerberg
LUXEMBOURG
Phone: (+352) 26 34 57 29 Fax: (+352) 26 34 57 27
Email : svc@sevic.com Web : www.sevic.com