

USER MANUAL



DUAL SCREEN DVD PLAYER

SY-4096

Welcome

Thank you for purchasing the Dual Screen DVD Player SY-4096. In order to fully benefit from this product, please follow the instructions in this user manual very carefully. Store this user manual in a safe place for future reference. We are sure your new Dual Screen DVD Player will satisfy your needs.

Important Safety Instructions

1.Warning: To reduce the risk of electric shock, do not remove the cover or back. There are no user-serviceable parts inside. Refer servicing to qualified personnel.

2.Warning: To prevent fire or electric shock hazard, do not expose the unit to rain or moisture.

3.Do not expose the Adaptor and portable DVD to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the unit.

4.Keep the portable DVD away from direct sunlight and heat source such as radiators or stoves.

5.Do not block the ventilation openings. Slots and openings on the unit are provided for ventilation. The openings should never be blocked by placing your portable DVD on a cushion, sofa or other similar surface.

6.Do not place the portable DVD on unstable cart, stand, tripod, bracket or table. The unit may fall, resulting in possible damage or injury.

7.Never place heavy or sharp objects on the LCD panel or frame.

8.Only use the AC adapter included with portable DVD. Using any other adapter will void your warranty.

9.The plug of AC adaptor is used as the disconnect device, the disconnect device shall remain readily operable.

10.Unplug the power from the outlet when the unit is not in use.

11.Attention should be drawn to the environmental aspects of battery disposal.

12.CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

13.WARNNING: The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

14.WARNNING: Excessive sound pressure from earphones or headphones can cause hearing loss.

15.WARNNING: Only use attachments/accessories specified provided by the manufacturer, the portable DVD is supplied by AC adapter, the AC adapter is used as disconnect device, the disconnect device shall remain readily operable.

16.Caution: Danger of explosion if battery is incorrectly replaced, replaced only with the same or equivalent type (Lithium battery)

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



Safety Precautions



1.Warning: This digital video disc player employs a laser system. Use of controls,adjustments, or the performance of procedures other than those specified herein may result in hazardous radiation Exposure.

2.Warning: To prevent direct exposure to laser beam,do not open the enclosure.Visible laser radiation when open.

3.Warning: Never stare directly into the laser beam.

4.Caution: Do not install this product in a confined space such as a book case or similar unit.

5.Warning: when the unit using by child, parents must make sure to let the child understand all contents in Instruction book how battery using to guarantee using battery correctly all the time.

6.Warning: when find battery overheat, swell or dour, please stop using battery and contact service centre for getting replacement.

7.Warning: do not charging battery on the place of insufficient ventilation such as: mattress, sofa, cushion , soft mat.....

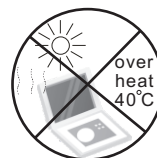
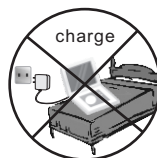
8.Warning: we will not take any responsibility if user incorrectly use battery, not following our warning instruction label on the battery case.

9.Warning: more than 250mm USB extension cord is prohibited to use for USB port


Notes on Copyrights:

10. It is forbidden by law to copy, broadcast, show,broadcast via cable, play in public, or rent copyrighted material without permission.

11. This product features the copy protection function developed by Macrovision.Copy protection signals are recorded on some discs. When recording and playing the pictures of these discs picture noise will appear.This product incorporates copyright protection technology that is protected by method claims of certain U.S. Patents and other intellectual property rights owned by Macrovision Corporation and other rights owners.Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by macrovision Corporation. Reverse engineering or disassembly is prohibited.



Troubleshooting

PROBLEM	SOLUTION
No sound or distorted sound	Make sure the machine is connected properly. Make sure all cables are securely inserted into the appropriate jacks.
Can't advance through a movie	You can't advance through the opening credits and warning information that appears at the beginning of movies because the disc is programmed to prohibit that action.
The icon  appears on screen	The feature or action cannot be completed at this time because: 1. The disc's software restricts it. 2. The disc's software doesn't support the feature (e.g., angles) 3. The feature is not available at the moment. 4. You've requested a title or chapter number that is out of range.
Picture is distorted	The disc might be damaged. Try another disc; it is normal for some distortion to appear during forward or reverse scan.
No forward or reverse scan	Some discs have sections that prohibit rapid scanning or chapter skip. If you try to skip through the warning information and credits at the beginning of a movie, you won't be able to. This part of the movie is often programmed to prohibit skipping through it.



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)

Owing to continuous improvement, no prior notice will be given regarding changes on above feature and spec.

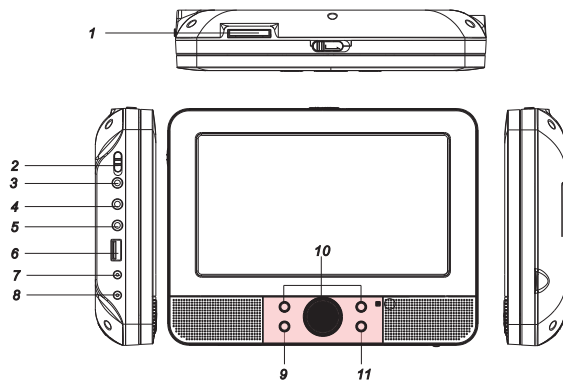
Package

Remote control with battery	1
AC adaptor	1
Car charger	1
AV connector	1
Earphone	1
Car bracket	2
Car bag	1

Identification of Controls

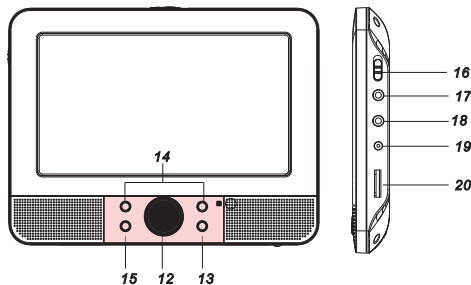
Main Unit

MASTER TFT SCREEN



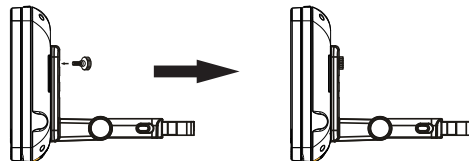
- | | |
|--------------------------------|------------------------------|
| 1. SD/MS/MMC | 12. UP/DOWN |
| 2. POWER ON/OFF | 13. MODE |
| 3. HEADPHONE OUT JACKS | Slaver TFT menu setting. |
| 4. VIDEO/AUDIO OUT | 14. LEFT/RIGHT |
| 5. DIGITAL AUDIO OUT (COAXIAL) | 15. BACK LIGHT |
| 6. USB | Slaver TFT backlight switch. |
| 7. DC OUT | 16. POWER ON/OFF |
| 8. DC IN 9-12V | 17. AV IN |
| 9. ENTER | 18. HEADPHONE OUT JACKS |
| 10. UP/DOWN/LEFT/RIGHT | 19. DC IN |
| 11. SOURCE | 20. Volume Rotary |

SLAVER TFT SCREEN

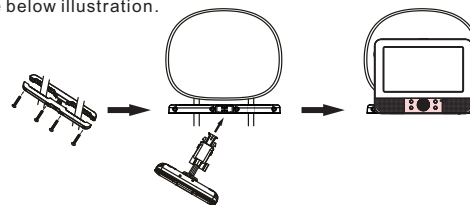


MOUNTING THE CAR BRACKET

1. Use the one big screw to assemble the unit to the bracket as the below illustration.

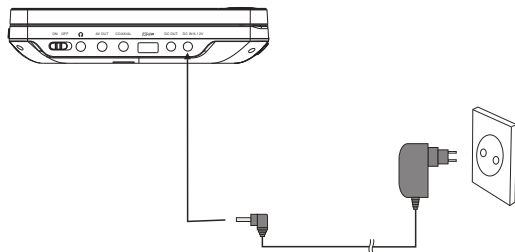


2. Attach the bracket to the headrest as below illustration with the rest four screws as the below illustration.

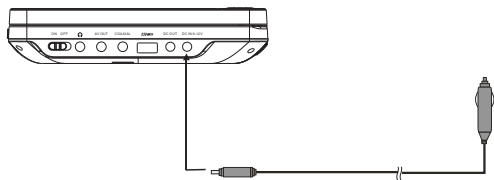


Powering and installation

Plug one end of the AC/DC power adaptor into the DC IN 9-12V jack on the right of the unit, then plug the other end into the AC power socket. Please refer to the following illustration.



When using the 12V car adaptor to connect the power: Plug one end of the 12V car adaptor into the DC IN 9-12V jack on the unit, plug the other end into the 12V car socket. See the following illustration.

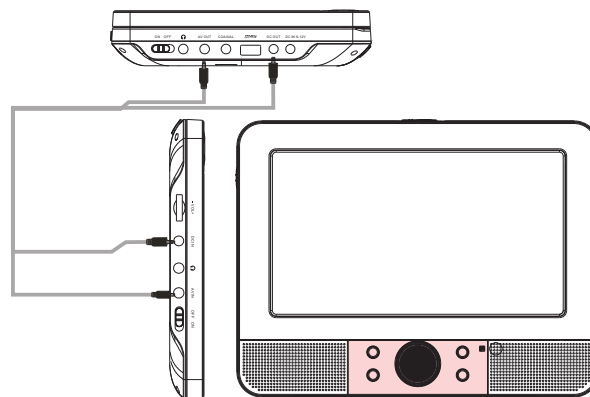


Note

1. It is not recommended to recharge the battery using the 12V car adaptor.
2. The 12V car adaptor can only be used when the car power supply is 9-12V.
3. The mains plug is used as the disconnecting device, the device should always be easily accessible.

Connecting to monitor

The unit can also be connected to an external LCD monitor. Connect the unit to the power outlet through the AC/DC adaptor or the 12V car adaptor. Then connect the unit DC OUT jack to DC IN 9-12V Jack of the LCD Monitor by a DC/AV cable. Also use this DC/AV cable to connect the AV OUT jack of the unit to AV IN jack of the Monitor. Please refer to the following illustration

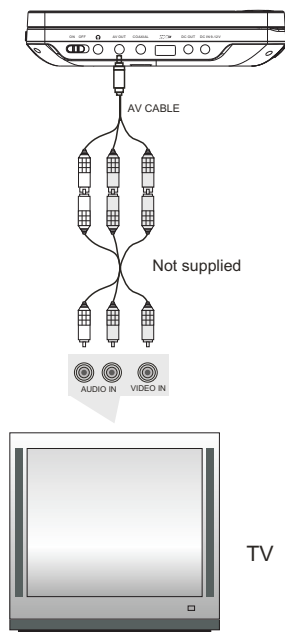


Note:

You're advised to supply the power to both the units by the 12V car adaptor. The AC/DC adapter is used to supply power to one unit only and as the charger to charge the main unit if it contains the in built battery.

Connecting to TV

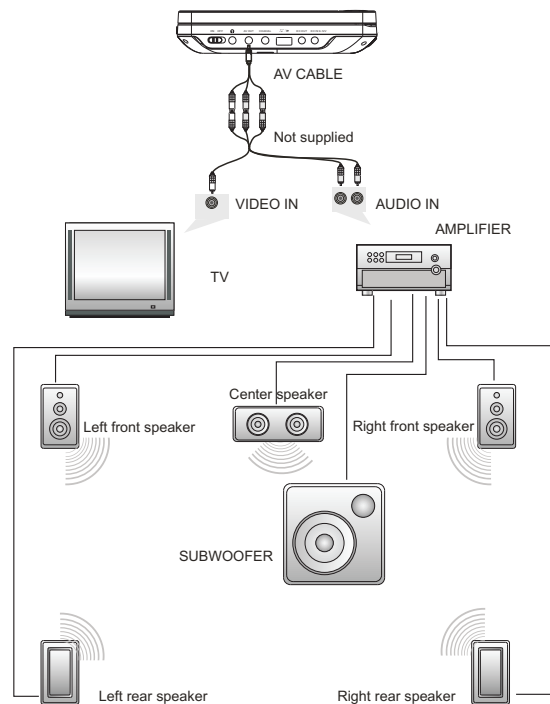
You can also connect the unit to the TV to enjoy high quality picture and stereo sound. Please refer to the following illustration:



Please use the AV cable to connect the unit and the TV. Make sure it is connected correctly.

Connecting with external Speaker

The unit can be connected with an external speaker. Please see the following illustration.

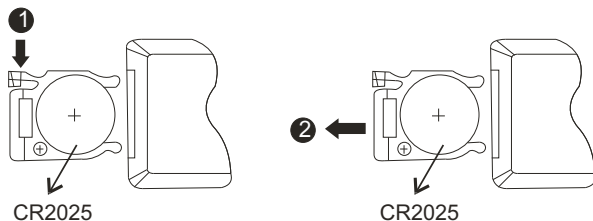


Note:

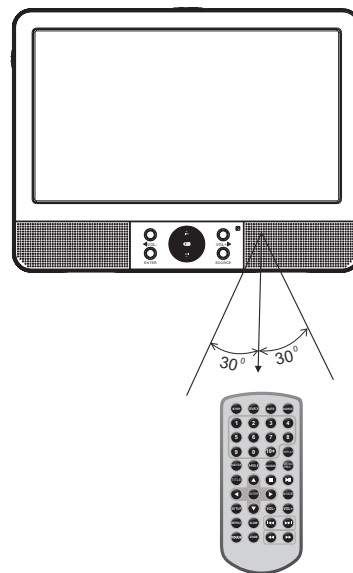
There is no 5.1 channel in the unit, however, after connecting it to the APM, the output of audio in 5.1 channel will be possible.

The Use of Remote Control

Please put the battery into the remote control as shown below in the illustration.



When using the remote control, make sure the infrared window is pointed to the infrared receiving window of the unit. The distance between the unit and the remote control should be within 3 metres. Please refer to the illustration below.

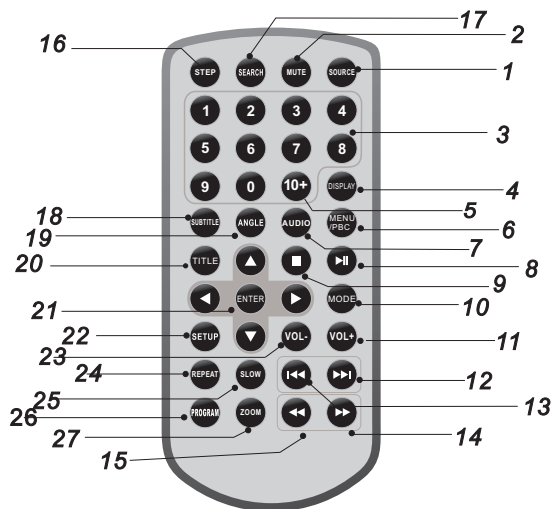


Note:

1. The remote control should not be placed on table edges to avoid falling and should not be placed near damp environments.
2. Avoid placing the unit under direct sunlight as this may block the infrared receiving window of the unit.
3. Replace the old battery with a new one when the remote control stops working.

Identification of Controls

Remote control unit



1. SOURCE

DVD/CARD/USB.

2. MUTE

Disable Audio output.

3. 0-9 NUMBER BUTTON

Selects numbered items in a menu.

4. DISPLAY

To display the playtime and status information.

5. 10+ BUTTON

In order to select a track 10 or greater, first press 10+, For example; select track 12, first press 10+, and then press number 2 button.

6. MENU/PBC

Return to DVD root menu(DVD).

PBC on/off switch (VCD) .

7. AUDIO

DVD: Press AUDIO repeatedly during playback to hear a different audio language or audio track, if available.

MP3/CD/VCD: Press AUDIO repeatedly during playback to hear a different audio channel (Left,Right,Mix,Stereo).

8. PLAY/PAUSE

Press PLAY/PAUSE once to pause playback, pressing PLAY/ PAUSE second time will resume the playback.

9. STOP

When this button is pressed once, the unit records the stopped point, from where playback will resume if PLAY(▶▶) is pressed after wards. But if STOP button is pressed again instead of PLAY(▶▶) button, there will be no resume function.

10. MODE

Set LCD parameter(adjust brightness, contrast, and saturation).

11. VOL+

12. Forward Skip

Go to next chapter/ track.

13. Reverse Skip

Go to previous chapter/ track to the beginning.

14. ▶▶ BUTTON

Press ▶▶ BUTTON allow skipping ahead at 5-level speed(X2->X4-> X8->X16->X32->PLAY), press PLAY button return to normal playback.

Identification of Controls

Remote control unit

15. ◀◀ BUTTON

Press ◀◀ BUTTON allow skipping back at 5-level speed(X2->X4->X8->X16->X32->PLAY), press PLAY button return to normal playback.

16. STEP

Step the motion in DVD mode.

17. SEARCH

Goto time point , title or chapter you want in DVD Mode.

18. SUBTITLE

Press SUBTITLE repeatedly during playback to hear a different subtitle languages.

19. ANGLE

DVD: Press ANGLE will change the view angle, on DVDs that support this feature.

20. TITLE

Return to DVD title menu

21. ENTER

Confirms menu selection..

22. SETUP

Accesses or removes setup menu.

23. VOL-

Adjust volume

24. REPEAT

Press REPEAT during playback to select a desired repeat mode.

DVD: you can play select repeat chapter/title/off.

VCD: you can select repeat single/all/off.

CD/MP3: you can select repeat single/folder/off.

25. SLOW

Press Slow button repeatedly to enter slow playback, and cycle between different speeds. The speeds are 1/2, 1/4, 1/8, 1/16, and normal.

26. PROGRAM

DVD/VCD: The program function enables you to store your favourite tracks from the disc. Press PROGRAM button ,then PROGRAM MENU will appear on screen, now you can use the number key to direct input the titles, chapters or tracks number and select PLAY option. TO resume normal playback, press PROGRAM and select clear program option on the program menu, press PROGRAM again to exit program menu.

27. ZOOM

DVD/VCD: Use ZOOM to enlarge or shrink the video image.

1. Press ZOOM during playback or still playback to activate the Zoom function. The square frame appears briefly in the right bottom of the picture.

2. Each press of the ZOOM button changes the TV screen in the following sequence:

2X size → 3X size → 4X size → 1/2 size → 1/3 size → 1/4 size → normal size

JPEG: Use ZOOM to enlarge or shrink the picture.

1. Press 'ZOOM' .

2. Used "▶▶" to enlarge, or "◀◀" to shorten the picture.

Use the ▲▼◀▶ button to move through the zoomed picture.

SETUP Menu Setting

General Setup Page

Press SETUP button to get the setup menu. Use direction buttons ▲▼◀▶ to select the preferred item. After finishing settings, press SETUP again to normal display.

The following menu items can be changed:

GENERAL: selects the GENERAL PAGE menu.

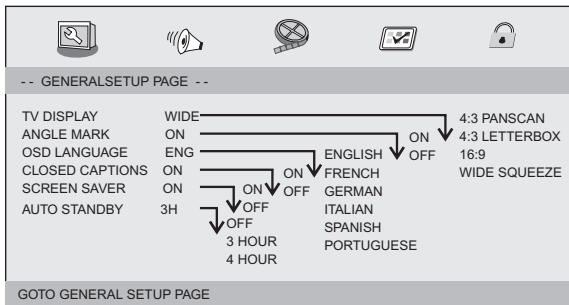
AUDIO: selects the AUDIO PAGE menu.

VIDEO: selects the VIDEO PAGE menu.

PREFERENCE: selects the PREFERENCE PAGE menu.

PASSWORD: selects the PASSWORD PAGE menu.

General Setup Page



TV DISPLAY: selects the aspect ratio of the playback picture.

4:3 PANSKAN: if you have a normal TV and want both sides of the picture to be trimmed or formatted to fit your TV screen.

4:3 LETTERBOX: if you have a normal TV. In this case, a wide picture with black bands on the upper and lower portions of the TV screen will be displayed.

16:9: wide screen display.

Wide Squeeze: Set screen mode to 4:3.

Angle Mark

Displays current angle setting information on the right hand corner of the TFT screen if available on the disc.

OSD Language

You can select your own preferred language settings.

Closed Captions

Closed captions are data that are hidden in the video signal of some discs. Before you select this function, please ensure that the disc contains closed captions information and your TV set also has this function.

Screen Saver

This function is used to turn the screen saver On or Off.

Auto Standby

This function is used to select auto standby settings after 3 or 4 hours.

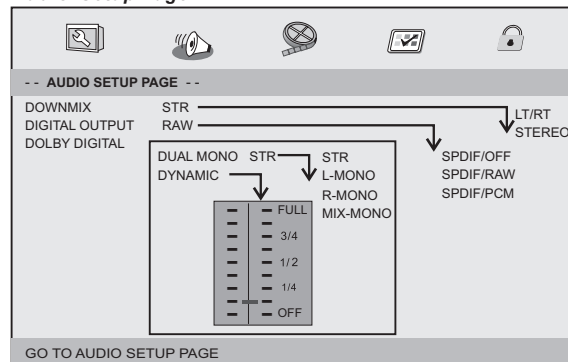
3 HOURS: the unit will turn to standby mode after 3 hours if there is no interaction from user within this period of time.

4 HOURS: the unit will turn to standby mode after 4 hours if there is no interaction from user within this period of time.

OFF: the auto standby function is disabled, and unit will stay in "on" mode even if no interaction from user.

Audio Setup Page

Audio Setup Page



SETUP Menu Setting

Audio Setup Page

Downmix

This options allows you to set the stereo analog output of your DVD Player.

- **LT/RT** :Select this option if your DVD Player is connected to a Dolby Pro Logic decoder.
- **Stereo** :Select this option when output delivers sound from only the two front speakers.

Digital Output

The function is used to select the SPDIF Output:SPDIF Off,SPDIF /RAW, SPDIF/PCM.

- **SPDIF Off**: Turns off the SPDIF output.
- **SPDIF/RAW**: If you have connected your DIGITALAUDIO OUT to a multi-channel decoder/receiver.
- **SPDIF/PCM**: Only if your receiver is not capable of decoding multi-channel audio.

Dolby digital

The options included in Dolby Digital Setup are: 'Dual Mono ' and 'Dynamic '.

Dual Mono

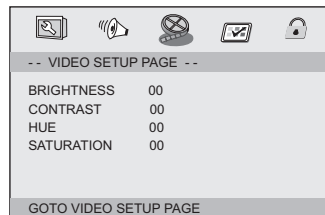
- **Stereo**:Left mono sound will send output signals to Left speaker and Right mono sound will send output signals to Right speaker.
- **L-Mono**:Left mono sound will send output signals to Left speaker and Right speaker.
- **R-Mono**:Right mono sound will send output signals to Left speaker and Right speaker.
- **Mix-Mono**:Left and Right mixed mono sound will send output signals to Left and Right speakers.

Dynamic

Dynamic range compression.

Video Setup Page

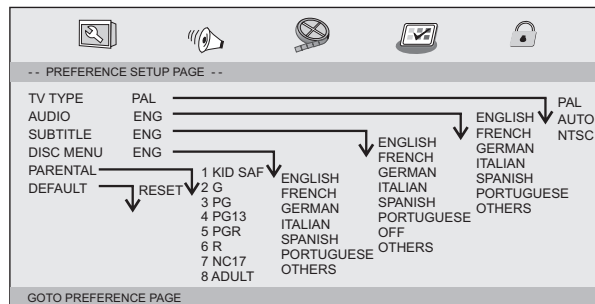
Video Setup Page



Brightness, Contrast, Hue, Saturation: setting the video quality.

Preference Page

Preference Page



TV Type

Selecting the colour system that corresponds to your TV when AV outputs. This DVD Player is compatible with both NTSC and PAL.

SETUP Menu Setting Preference Page

PAL- Select this if the connected TV is PAL system. It will change the video signal of a NTSC disc and output in PAL format.

NTSC-Select this if the connected TV is NTSC system. It will change the video signal of a PAL disc and output in NTSC format.

Auto: Change the video signal output automatic according to the playing disk format.

Audio: Selects a language for audio (if available).

Subtitle: Selects a language for subtitle (if available).

Disc Menu: Selects a language for disc menu (if available).

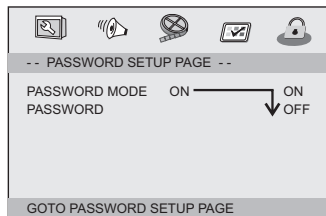
Parental

Some DVDs may have a parental level assigned to the complete disc or to certain scenes on the disc. This feature lets you set a playback limitation level. The rating levels are from 1 to 8 and are country dependent. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.

Default: Back to the factory setting.

Password Setup Page

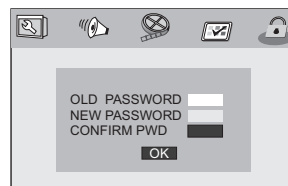
Password Setup Page



Password mode: Set password mode on/off. If set to off, change parental level will not check password.

Password Setup Page

Password: select the menu password change page.



OLD PASSWORD: Enter the OLD password, (Factory setting is 1369), and the cursor will jump automatically to NEW PASSWORD

NEW PASSWORD: Enter the NEW password. Enter 4 digits from the remote control unit numeric buttons, and the cursor will automatically jump to CONFIRM PASSWORD.

CONFIRM PASSWORD: Confirm the NEW password by entering it again. If the confirmation is incorrect, the cursor will stay in this column. After entering, the correct new password again, the cursor will jump automatically to OK.

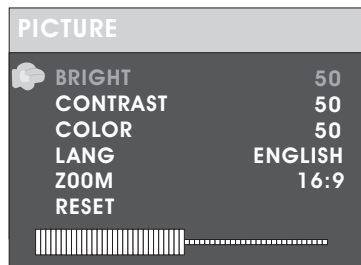
OK: When cursor is on this button, press ENTER key to confirm setting.

Note: If the password has been changed, the parental and disc lock code will also be changed.

The default password (1369) is always active even the password has been changed.

SLAVER TFT MENU SETTING

PICTURE Page



Brightness

Adjust screen Bright Setting.

Contrast

Adjust screen Contrast Setting.

Color

Adjust screen Color Setting.

LANG

Adjust Menu OSD Language

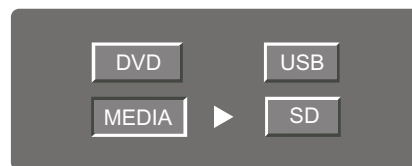
ZOOM

Adjust screen ZOOM 16:9 or 4:3

RESET

Reset to default setting.

What can be seen when plugging a USB or a SD.



Press the "SOURCE" button on the units main panel or reomote control,select MEDIA and the units would auto detect the USB /CARD socket,then press ENTER to enter USB/CRAD mode.

Maximum memory card or usb size supported.—32G

Parameters and specifications

Battery Parameters

Battery Specifications:

Output: 7.4V

Storage and work circumstances:

1. Storage circumstances	Temperature	Humidity
6 months	-20°C ~ +45°C	65±20%
1 week	-20°C ~ +65°C	65±20%

2. Work circumstances	Temperature	Humidity
Standard charge	0°C ~ +45°C	65±20%
Standard discharge	-20°C ~ +65°C	65±20%

Electronical parameters

Item		Standard requirement
Power requirements		: AC 100-240 V , 50/60 Hz
Power consumption		: <15W
Operating humidity		: 5 % to 90 %
Output	VIDEO OUT	: 1 Vp-p (75Ω)
	AUDIO OUT	: 1.0 Vrms (1 KHz, 0 dB)
	Audio	: Speaker: 1WX2, Headphones output, Coaxial output

System

Laser	: Semiconductor laser, wavelength 650 nm
Signal system	: NTSC / PAL
Frequency response	: 20Hz to 20 kHz(1dB)
Signal-to-noise ratio	: More than 80 dB (ANALOG OUT connectors only)
Dynamic range	: More than 80 dB (DVD/CD)

Note: Design and specifications are subject to change prior notice.

Specifications

Digital 9" TFT LCD display (800x480)

Compatible formats: DVD, DVD+R/RW, DVD-R/RW, SVCD, VCD, CD, CD-R/RW, MP3, WMA, JPEG, Kodak Picture.

Compatible with MPEG-4 videos

2.0 USB port

SD/MMC/MS card reader

Compatible with TV system: PAL / NTSC

Rechargeable battery integrated in main DVD unit of 1200 mAh

2 brackets included for an easy installation on the car seats

Connections: Audio & Video input, Earphone output, DC input

Weight Master Screen: 0,795 Kg

Weight Slaver Screen: 0,445 Kg

Frequency response. : 20-20KHz (1dB)

Power source: 12V

DECLARATION OF CONFORMITY

Manufacturer Name: Satyatrade S. L.

Address: Pol.Ind.La Raya. C/ Guadalquivir, 2.

Camarma de Esteruelas, 28816 Madrid

Tel: 902 430 967

Fax: 91 8864285

NIF: B83254763

Manufacturing country: China

Description: Dual Screen DVD Player

Sytech® SY-4096 complies with the following directives:

EMC Standard: Directive 2004/108/CE

LVD Standard: Directive 2006/95/CE

ROHS Standard: 2011/65/EC Restriction of Hazardous Substances

Signed: Ajeet Nebhwani Utamchandani

Sole Administrator

