

Operating Instructions

In-Dash Single Disc

DVD/CD Player



Before operating the unit, please read these instructions carefully

OT01015310-061212

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Welcome

Thank you for the purchase of this DVD player. Before operating the unit, please read this manual thoroughly and retain it for future reference.

IMPORTANT NOTES

To prevent short-circuiting of the electrical system and thereby causing serious damage to the unit or the vehicle, you are advised to follow the instructions carefully.

- Should there be requirement to replace blown fuse, do remember to disconnect all power supply and switched off the unit before replacing it with a new one. Use only correct rating fuse to avoid damaging the unit.
- During operation, if there is symptom of over-heating or system malfunction, do switch off the unit and consult your dealer immediately. Please do not attempt to open up the unit since there is no serviceable parts inside.
- This product utilizes a laser. Do not remove the cover. Use of controls or adjustments or performance of procedure other than those specified herein may result in hazardous radiation exposure.
- To reduce the risk of fire or shock hazard, do not expose this equipment to rain or moisture.

This unit is designed using high quality electronic components and manufactured under stringent quality control system. The system unit will provide many hours of quality performance if use correctly. Do follow the maintenance procedure below:

- The battery life of the remote control unit is about six months long. To ensure effective control, please replace the batteries regularly. Do not use new and used batteries at the same time to avoid damaging the good battery.
- Do not use any chemical solvent, cleaning agent or corrosive detergent to clean away dirt on the surface of the bezel. By so doing, you may cause irreversible damage to the surface. To clean off dirt or fingerprints, we recommend the use of a soft damp lens cleaning cloth.
- Ensure no metal or foreign materials are dropped into the cabinet. Switch off the unit and contact your dealer immediately should anything falls into the unit.
- Allow adequate air circulation to prevent internal heat buildup. Do not install unit near heat sources such as radiators or air ducts, or in a place subject to direct sunlight or excessive dust. If the internal temperature of the vehicle is extremely high, do allow a short cooling down period before operating the unit.
- Keep unit away from equipment with strong magnets such as large loudspeakers.

-
- Use only correct size of fasteners or connection cable during installation. Failure to comply with this requirement may create fire hazard.
 - Kindly refer to authorized dealers if in doubts.

When installing this unit together with display monitor, please check that you are in compliance with your local traffic rules and regulations.

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Manufactured under License from Dolby Laboratories. "Dolby" and double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. © 1992-1997 Dolby Laboratories. All rights reserved.

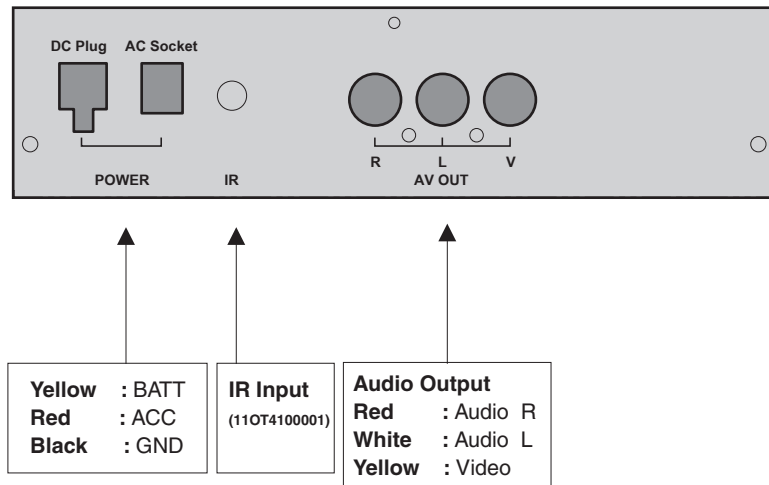
INSTALLATION GUIDE

Precautions:

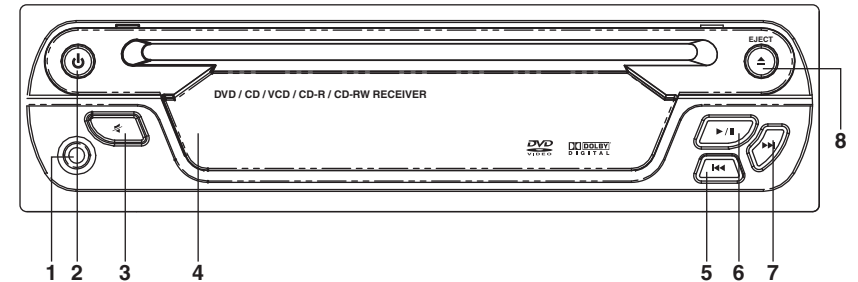
1. This unit should be install by qualified technician or service personnel.
2. This product is designed to operate with a 13.2 VDC, negative ground battery system.
3. Disconnect the ground wire from the battery terminal before connecting this unit to the electrical system.
4. The wiring from some other products or accessories might bear similar color code to this product but however they might of different function. It is always advisable to refer to the electrical connection diagrams of products or accessories before installation to avoid wrong connection.
5. Use proper insulation and fastening materials to prevent electrical short-circuiting.
6. Do not connect the yellow wire of this product directly to the battery terminal. Do remember to connect the red wire of this product to the ACC of the ignition key switch. Failure to do so may result in draining off the battery charge prematurely.
7. Use only supplied accessories to avoid damaging the unit during installation.
8. Do not install this product at an incline angle exceeding 30°.
9. Do not install this product at a position that may cause injuries to the passenger(s) during an accident.

BACK PANEL

The figure below shows the back panel design for the player. It also indicate the wire definition for interconnection.

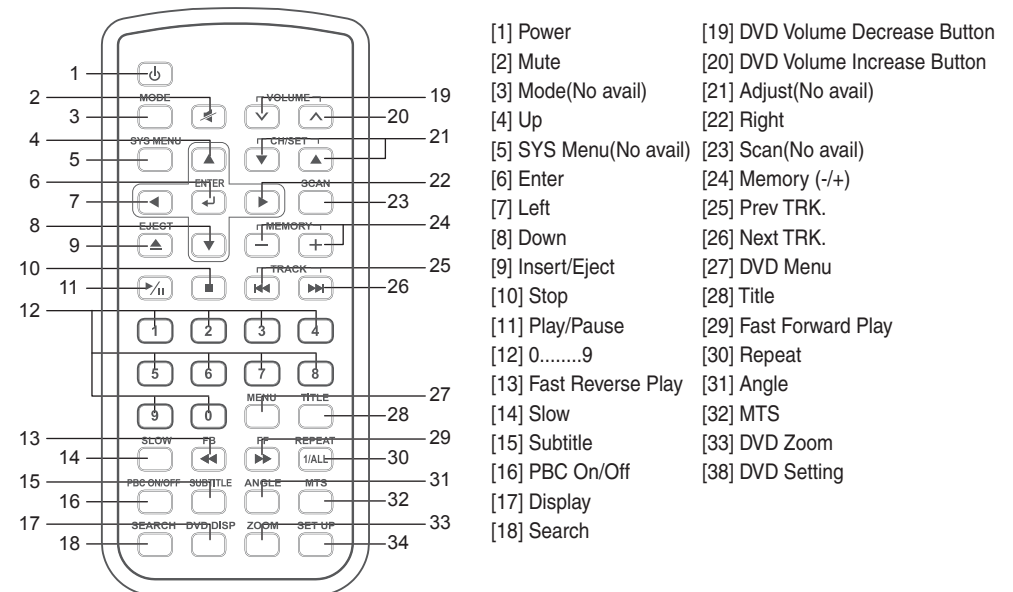


FRONT PANEL CONTROL REFERENCE GUIDE

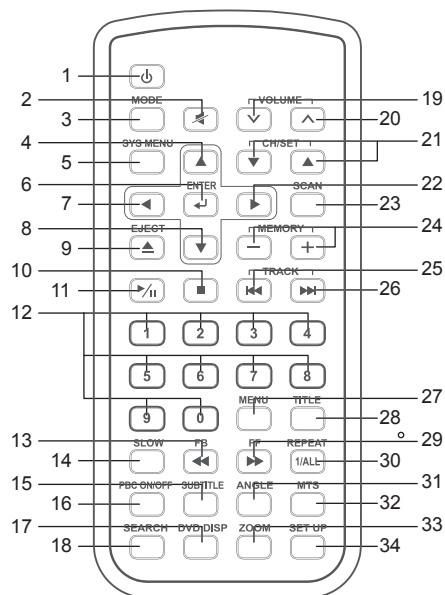


- 1 Earphone
- 2 Power Indicator
- 3 Mute Button
- 4 Infrared Remote Controller Receiver
- 5 Previous Track Button
- 6 Play & Pause Button
- 7 Next Track Button
- 8 Eject Button

FUNCTION KEYS



REMOTE FUNCTION



[1] Power

Press [POWER] button to ON / OFF system (both ON/OFF Digital-Broadcast-Video)

[2] Mute

Press [MUTE] button to toggle ON/OFF the system audio.

[3] Mode

No avail.

[4] Up

In DVD mode, press [UP] button to move cursor to up sub-menu.

[5] SYS Menu

No avail.

[6] Enter

Press [ENTER] button to select/accept settings.

[7] Left

In DVD mode, press [LEFT] button to move cursor to LEFT sub-menu.

REMOTE FUNCTION

[8] Down

In DVD mode, press [DOWN] button to move cursor to down sub-menu.

[9] Insert/Eject

Press [EJECT/INSERT] button to eject/insert DVD/CD disc.

[10] Stop

Press [STOP] button to STOP DVD playback.

[11] Play/Pause

Press [PLAY / PAUSE] button to PLAY or PAUSE DVD playback.

[12] 0.....9

Numeric keys.

[13] Fast Reverse Play

Press the [FF ◀◀] button during playback. Each time this button is pressed, the unit will go into a rapid advance playback mode. The OSD will be shown on the TV screen, depending on the speed of the playback selected.

[14] Slow

Press [SLOW] button to setting DVD display mode (SF 2X, SF 4X, SF 8X).
(SR 2X, SR 4X, SR 8X).

[15] Subtitle

Press [SUBTITLE] button to toggle ON/OFF DVD subtitle.

[16] PBC On/Off

Press [PBC ON/OFF] button to restart the DVD play mode (Disc Dependent).

[17] Display

Press [DISPLAY] button to show DVD playback information.

[18] Search

Press [SEARCH] button to search DVD playback.

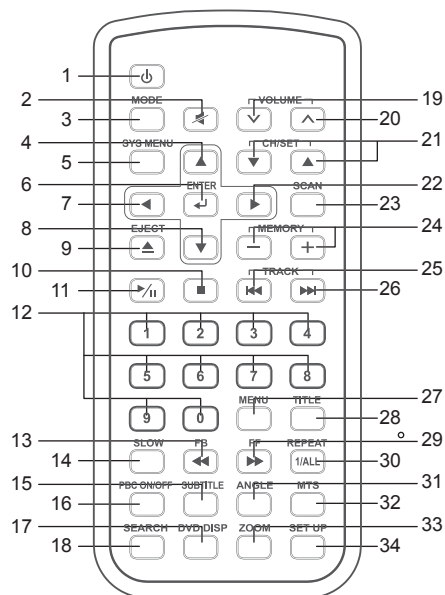
[19] DVD Volume Decrease Button

Press [VOLUME DECREASE] button to decrease volume.

[20] DVD Volume Increase Button

Press [VOLUME INCREASE] button to increase volume.

REMOTE FUNCTION



[21] Adjust

No avail.

[22] Right

Press [RIGHT] button to move cursor to right sub-menu.

[23] Scan

No avail.

[24] Memory (-/+)

No avail.

[25] Prev TRK.

Press [PREV TRACK <<] button to select PREV TRACK / CHAPTER.

[26] Next TRK.

Press [NEXT TRACK >>] button to select NEXT TRACK / CHAPTER.

[27] DVD Menu

Press [DVD MENU] button to select DVD MENU or toggle VCD PBC ON/OFF.

REMOTE FUNCTION

[28] Title

Press [TITLE] button to select DVD title (Disc Dependent).

[29] Fast Forward Play

Press the [FF ►►] button during playback. Each time this button is pressed, the unit will go into a rapid advance playback mode. The OSD will be shown on the TV screen, depending on the speed of the playback selected.

[30] Repeat

Press [REPEAT] button to select DVD repeat mode.

[31] Angle

Press [Angle] button to select DVD display angle (Disc Dependent).

[32] MTS

Press [MTS] button to change DVD display language (Disc Dependent).

[33] DVD Zoom

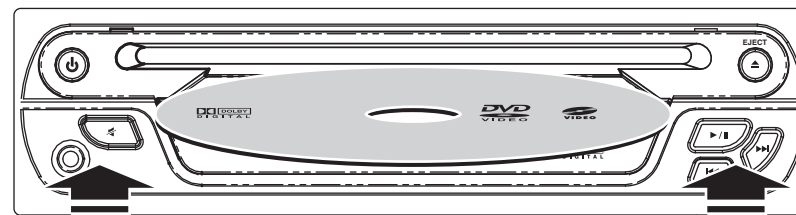
Press [DVD Zoom] button to select DVD display mode. (Zoom x1.5, Zoom x2, Zoom x3, Zoom OFF)

[38] DVD Setting

Press [DVD Setting] button to select DVD set up.

DVD OPERATE

Before put the disc into the DVD slot, make sure the monitor is in DVD mode and disc recorded side should be faced down (the printed side should be faced up) as below.



DVD BASIC OPERATION

* DVD playback (DVD)

(1) DVD playback commences. The disc will start to play if disc does not have any menu recorded on it. If disc has one or more titles recorded on it, a menu screen will appear on the monitor.

* The monitor will display "NO DISC" if there is no disc in the case.

(2) Press **→ / ← / ↑ / ↓** on remote to select preferred title.

(3) Press the "ENTER or **▶/||**" button, the selected item will now start playing.

Press the "MENU or TITLE" button, the menu screen will appear on the monitor.

* Next track or previous track (DVD/CD)

Press (**▶▶**) during playback

Audio CD

The player will skip forward to the next track each time the button is pressed. "NEXT 01/16" will display on the TV screen.

DVD

The player will skip forward to the next title / chapter each time the button is pressed.

"TITLE 01/06 CHAPTER 001/006" will display on the TV screen.

Press (**◀◀**) during playback

Audio CD

The player will skip to the beginning of the previous track each time the button is pressed.

"PREVIOUS 01/16" will display on the TV screen.

DVD

The player will skip to the beginning of the previous chapter each time the button is pressed.

* Play / Pause (DVD/CD)

Press the "PLAY/PAUSE" (**▶/||**) button, during playback. The player will be placed in the pause mode.

Press the "PLAY/PAUSE" (**▶/||**) button again, the player will return to normal playback.

* Stop (DVD/CD)

(1) During Audio CD playback, when "STOP" (**■**) button is pressed, the CD playback will stop.

(2) During DVD playback, when the "STOP" (**■**) button is pressed, press "PLAY / PAUSE" (**▶/||**) button to continue. The player records the point where the "STOP" (**■**) button is pressed (Resume playback function).

Press the PLAY / PAUSE (**▶/||**) button again, the play will resume from this point.

If "STOP" (**■**) button is pressed. "STOP" will appear and the resume playback function will be cleared.

Note: Resume playback function is not available for Audio CDs.

* Repeat mode

For Audio CD

When REPEAT button on the remote is pressed,

REP ONE = The current track will be repeated
REP ALL = All the track will be repeated
REPEAT OFF = Repeat mode will be switched off

For DVD

When REPEAT button on the remote is pressed,

CHAPTER REPEATION = The current chapter will be repeated
TITLE REPEAT = The current title will be repeated
REPEAT OFF = Repeat mode will be switched off

* Camera angle (DVD)

Some DVD discs may contain scenes, which have more than one viewing angle. For these discs, the same scene can be viewed from a different angle by using the "ANGLE" button.

(1) During DVD playback, press the "ANGLE" button on remote. "x / y" will appear, x represents the current camera angle, and y represents the total available camera angle.

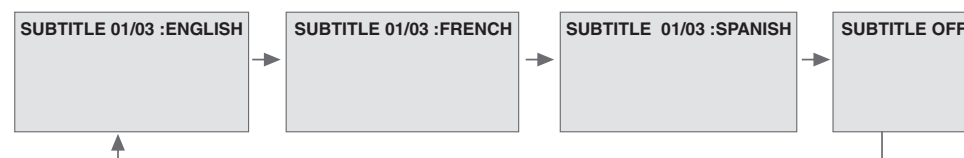
(2) Press the ANGLE button on remote until the preferred angle is selected. The ANGLE selection will cycle through all available camera angle.

Note: This function will only work on discs where different camera angles have been recorded.

* Subtitle (DVD)

During DVD playback, you may change the subtitle language from the one selected at the initial setting to a different language, if available.

(1) Pressing "SUBTITLE" button, the following will appear.



DVD BASIC OPERATION

(2) During DVD playback and SUBTITLE ON, press the "SUBTITLE" button. "SUBTITLE x / y" will appear, x represents the current subtitle and y represents the total available subtitle. Press the "SUBTITLE" button until the preferred subtitle is selected. The SUBTITLE selection will cycle through all available subtitles.

Note: (1) The "SUBTITLE" works only for discs that have multiple subtitle.
 (2) In some cases, the subtitle will not changed immediately to the one selected.

* DVD menu (DVD)

Most DVD discs have unique menu structures call DVD menu. The DVD menu's contents and operation may differ from disc to disc.

- (1) During DVD playback, press the MENU button. The DVD menu available on the disc will be displayed.
- (2) Use \rightarrow / \leftarrow / \uparrow / \downarrow to select the preferred item or use the numeric button(s) to make a selection.
- (3) Press "ENTER" button, the selected item will start playing.

* Title menu (DVD)

Some DVD discs may have more than one title. If the disc has a title menu recorded on it, the "TITLE" button can be used to access it.

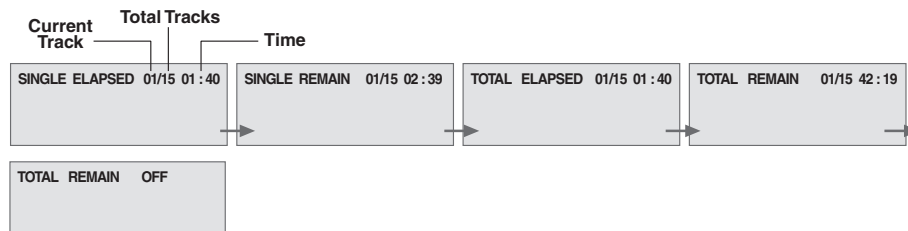
- (1) During DVD playback, press the TITLE button. A list of the titles may be displayed.
- (2) Use \rightarrow / \leftarrow / \uparrow / \downarrow to select the preferred item.
- (3) Press "ENTER" button, the selected title will start playing.

* DVD DISP function (DVD/CD)

The display function enables you to view the status, current title number, track number and the total playing time of the disc on the TV screen.

Audio CD

When the display key is pressed, the following OSD will be shown.



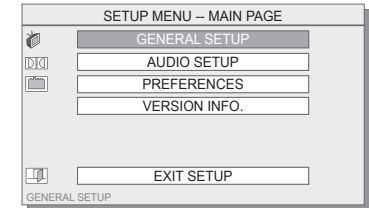
DVD

When the display key is pressed, the following OSD will be shown.

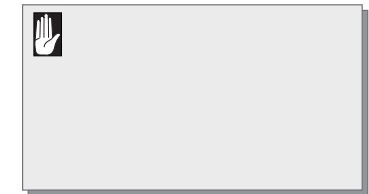


DVD TYPICAL SETUP MENU AND CONFIGURATION

When the player is in stop mode, pressing "SETUP" button will allow you to modify some of the player's basic settings, you can use "UP / DOWN / RIGHT / LEFT" buttons to highlight a selection, and press "ENTER" button to confirm the selection.

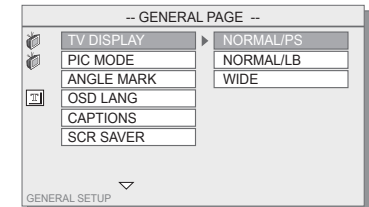


Note: Some DVD menu settings do not apply to this system, since it is specifically engineered for automotive use. Changing the state of some settings can cause apparent system failure. If you try to perform an action that is not permitted (such as accessing the Preferences menu while a disc is playing), the on-screen-menu will use the following symbol:



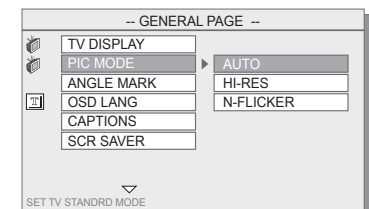
* Changing the Aspect Ratio Mode

This is under the GENERAL tab. The correct setting is WIDE. Changing this setting to "NORMAL/PS" or "NORMAL/LB" will result in distorted video.



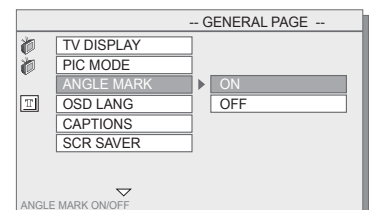
* Select Picture Mode

To select the pic mode, select "AUTO" / "HI-RES" and "N-FLICKER" set pic mode.



* Canceling the "ANGLE MARK"

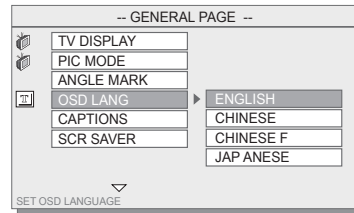
To display or canceling the "ANGLE MARK", which appears during scenes that support a multiple-viewing-angle feature, select "GENERAL" and "ANGLE MARK". Since the remote included does not support this feature, the default state for this setting is "OFF"



DVD TYPICAL SETUP MENU AND CONFIGURATION

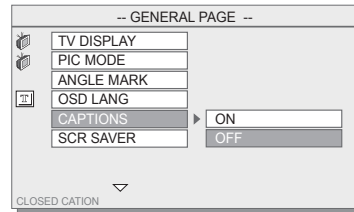
* To change on-screen-display language

To change on-screen-display, select "GENERAL" and "OSD LANG". The original setting including "ENGLISH" and "CHINESE".



* Activating Captions and Subtitles

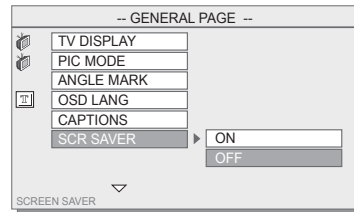
To enable or disable captions or subtitles, select "GENERAL" and "CAPTIONS".



Note: If CAPTIONS is set to OFF, the SUBTITLE button will be prevented from working. If SUBTITLE OFF is selected under Preferences-Audio, then the SUBTITLE button can still enable subtitles during playback, as long as CAPTIONS is set to ON.

* Screen Saver

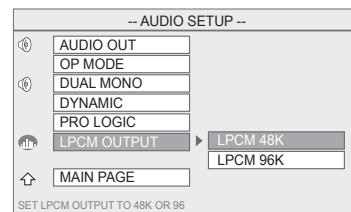
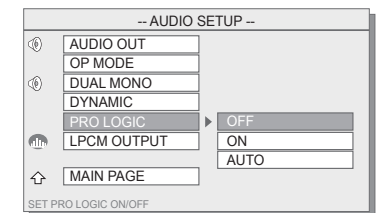
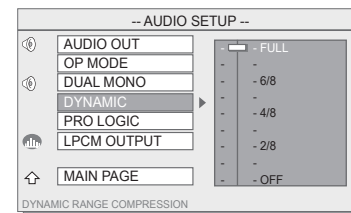
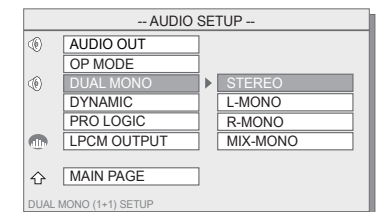
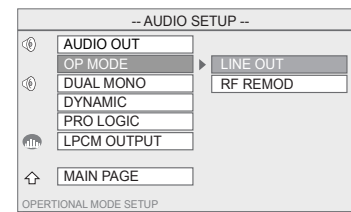
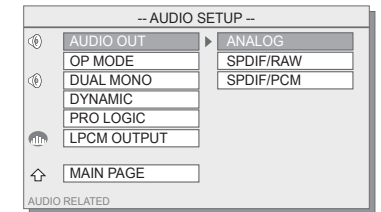
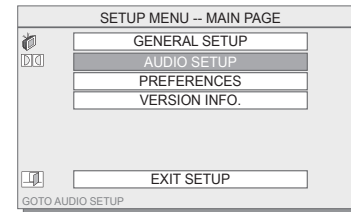
Select "SCR SAVER", and select "ON / OFF" to set screen saver.



DVD TYPICAL SETUP MENU AND CONFIGURATION

* Audio Setup

Pressing "SETUP" button and use "UP / DOWN / RIGHT / LEFT" buttons to highlight the "AUDIO SETUP" setting, you can set the "AUDIO OUTPUT / OP MODE / DUAL MONO / DYNAMIC / PRO LOGIC / LPCM OUTPUT" under the audio setup page.



DVD TYPICAL SETUP MENU AND CONFIGURATION

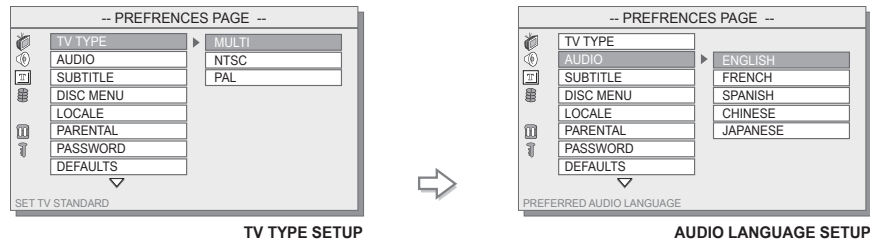
* Preference Setup

Several language settings can be customized on the DVD Player. These languages can vary depending on the language supported by the DVD disc. Select "PREFERENCES" and highlight the selection, you can choose the language and save the setting.

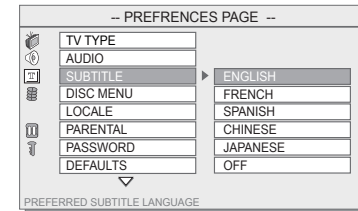
Note: * Not all language settings are supported by all discs.

* The languages supported vary with the individual option setting - there is no global language setting.

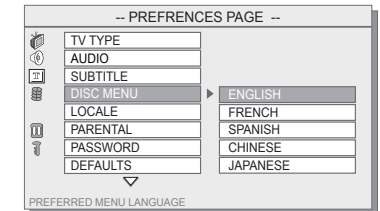
* Make sure to set the "PREFERENCES" in advance before put disc in, the "PREFERENCES" settings can't be changed after the disc inserted.



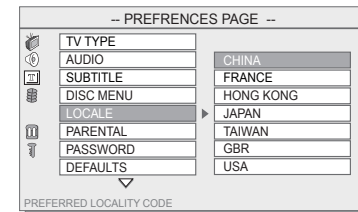
DVD TYPICAL SETUP MENU AND CONFIGURATION



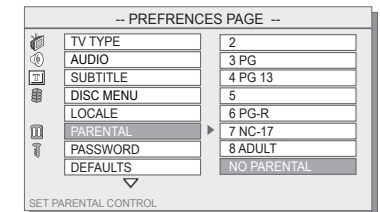
SUBTITLE LANGUAGE SETUP



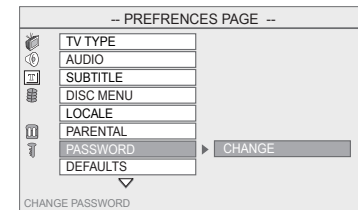
DISC MENU LANGUAGE SETUP



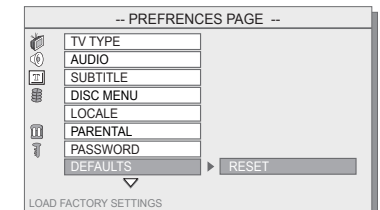
LOCALE LANGUAGE SETUP



PARENTAL SETUP



PASSWORD SETUP



DEFAULTS SETUP

PRODUCT SPECIFICATION

GENERAL

Power Supply	: 13.2VDC Typical
Current Consumption	: Less than 3.0 A
Operating positions	: 0, 45 and 90 degree
Dimension (WxDxH)	: W178mmX D210mmX H50mm
Weight	: 1.5kg

AUDIO

Output	: 2rms, (1)
Frequency response	: 20 Hz to 20 kHz (-3±1db)
THD	: 0.2% (at 1 kHz)
S/N ratio	: ≥ 70dB
Cross talk	: ≥ 70dB

VIDEO

Television System	: NTSC/PAL
Playback Disc	: DVD/CD & CD-R compatible (12cm) Single sided and dual layer DVD supported
Aspect ratio	: 4:3, 16:9
TV Encoder Resolution	: 10 bit DAC
Video S/N	: 65 dB

CONNECT

Audio Video Output	: 3 RCA connector for Video and Audio
Rear IR Connector	: For connection to rear IR sensor input

All specifications are subjected to change without prior notice.

REGION MANAGEMENT INFORMATION

This DVD/CD player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this player, this player will not be able to play the DVD disc.

This DVD/CD player is set to work only in a particular world region as labeled on the player.

Region Number:Country under the Region

1. Canada, U.S, U.S Territories
2. Japan, Europe, South Africa, Middle East (including Egypt)
3. Southeast Asia, East Asia (including Hong Kong)
4. Australia, New Zealand, Pacific Islands, Central America, Mexico, South America, Caribbean
5. Former Soviet Union, Indian Subcontinent, Africa (also North Korea, Mongolia)
6. China