# MAGNASONIC

## Space Saving DVD Player

Instruction Manual
Model DVD830

Thank you for your purchase of this Magnasonic product. Please read this Instruction Manual carefully before using this Magnasonic product to ensure proper use. After reading this manual, please keep it in a safe place and refer to it when necessary.

**For additional information on this product or for help with set-up please call the Customer Help Line at 1-800-287-4871**

Visit www.magnasonic.ca for more information about our great products

SKTM

# IMPORTANT INFORMATION

### CAUTION
To reduce the risk of electric shock, do not remove cover. Refer servicing to qualified service personnel.
Please read the manual carefully before operating this player.

### DVD PLAYER PLACEMENT
Please do not place the player in the following locations:
- In direct sunlight or near or on top of heat sources such as heaters, stoves, or other appliances that produce heat.
- Locations which are badly ventilated, dusty, contain lots of moisture, or are unsteady.
- Do not expose the player to vibration or moisture (i.e. rain).
- Do not place any products on top of the player.
- Nearby high powered speakers or on the same stand as speakers.
- Don't play discs that contain scratches, are bent or cracked to prevent the player from being damaged.
- **Leave at least 2 inches of space behind and at the sides of the player for proper ventilation.**

### POWER SUPPLY INFORMATION
- The power supply requires the following voltage: AC110V ~50Hz.
- When you plan not to use this player for long periods of time, disconnect the AC power plug from the power outlet.
- To prolong the life of this player, please allow for at least 10 seconds in between switching the player ON and then OFF.

### DVD PLAYER INFORMATION
1. Fully compatible with DVD, SVCD, VCD, MP3, CD-R, and CD-RW discs.
2. Compatible with JPEG CD's to allow for digital picture presentations.
3. Progressive scan function.
4. 10-Bit digital video converter – 500+ lines of resolution.
5. 24-Bit/96Khz digital audio converter - provides high quality sound.
6. Component, S-Video, Composite and Coaxial outputs.
7. Compatible with multilingual DVD menu systems, subtitles and multiple angles (depends on DVD disc content.
8. Multiple screen size selection.

### DIGITAL AUDIO OUTPUT
The coaxial output enables you to connect external multi-channel AV amplifiers/ receivers with built-in Dolby Digital and DTS decoders by using only one cord so that you can enjoy various DVD and CD's conveniently.

### Component Video Output
Component video output (Y, Cr, Cb) enables you to enjoy high quality DVD image playback. Component output is superior to S-Video or Composite (Analogue RCA) outputs. Note that you will need Component cables (not included) which look like but are NOT the same as composite cables (included). Using composite cables with component outputs might damage the player and void your warranty.

### Laser Head Overcurrent Protection System
The laser head is the most important and critical part of the whole player. Its performance is directly linked to the player's service life and error correction capability. When a common player reads a scratched disc or a non-standard disc, the laser intensity could be as high as 20 times the normal level, thus greatly reducing its service life. This player is provided with an unique laser head overcurrent protection system which tries to ensure a constant laser current and thus greatly extending the service life of the laser head.
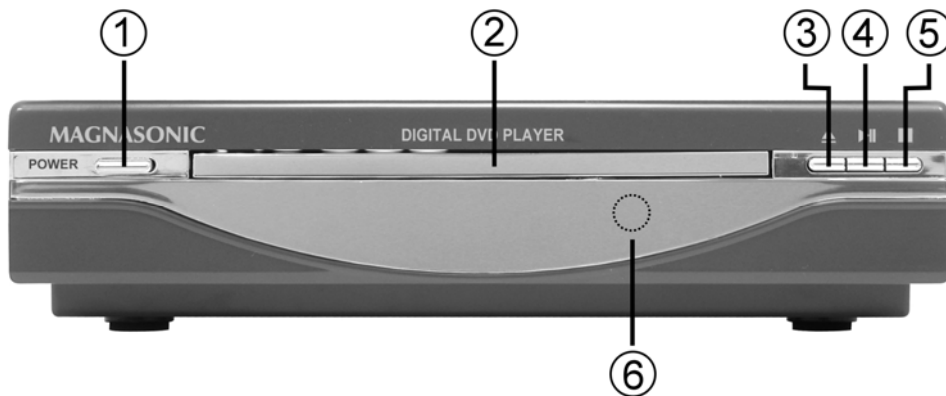
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# CONTROLS OVERVIEW

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| 4. Play/Pause Button | 5. Stop Playback Button | 6. Remote Control Sensor |

## BACK PANEL OVERVIEW
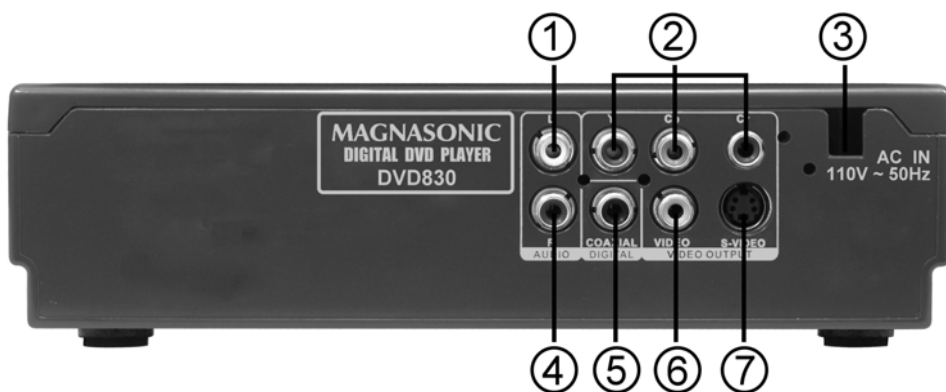


| | | |
|---|---|---|
| 1. Audio Output – Left Channel | 2. Component Video Outputs | 3. Power Cord |
| 4. Audio Output – Right Channel | 5. Digital Output – Coaxial | 6. Composite Video Output |
| 7. S-Video Output | | |

## REMOTE CONTROL OVERVIEW
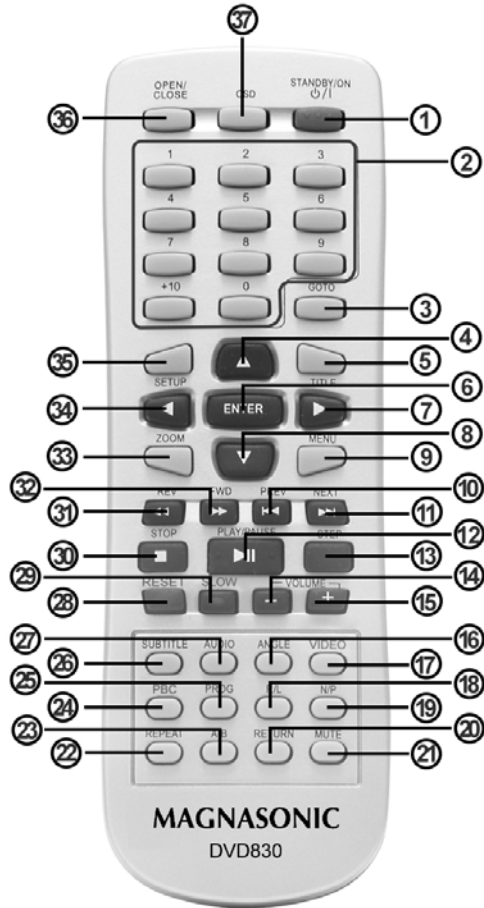


| | |
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| 1. Standby/On | 20. Return |
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| 16. Angle | 35. Setup |
| 17. Video | 36. Open/Close |
| 18. R/L | 37. OSD |
| 19. N/P | |

# CONNECTIONS OVERVIEW

## 1. PREPERATIONS
### Accessories Included in the Box
1. Remote Control                2. Composite Audio/Video Cable    3. Instruction Manual
4. 2 x 'AAA' Size Batteries

### Installing Remote Control Batteries
Insert 2 x 'AAA' size batteries (included) into the battery compartment. Be sure to note the polarities marked inside the battery compartment so the batteries can be inserted the proper way. There should be no large obstacles in between the remote control and the player itself.

## 2. CONNECTING THE PLAYER
- When establishing a connection between the player and external components, make sure that all the external components and this player are turned off.
- Composite and Component Audio/Video cables are connected according to the different color identifications on the output connector and the input plugs. Note that they should be fitted firmly.
  Yellow to Video Terminal
  White to left Audio Terminal
  Red to right Audio Terminal

### Connections Diagram
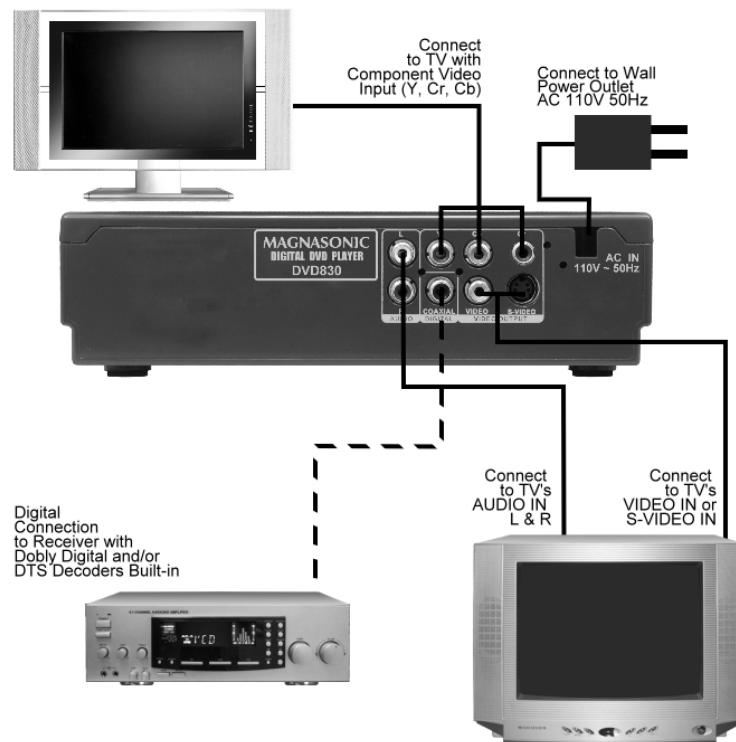
# INTRODUCTION TO BASIC OPERATION

## 1. TURN ON THE TV AND YOUR DVD PLAYER

- Press the POWER button on the player to turn on the power to the player. The player will start searching for a disc.

  NOTE: You cannot turn the power on using the remote if the power is off. You can only turn the player on and off using the remote when the player is in Standby mode. In Standby mode the display on the TV screen turns off and goes into power saving mode. Access the Standby mode by pressing POWER button on the player and then only using the STANDBY/ON button on the remote.

- If there is no disc in the player, "NO DISC" will appear on the screen

## 2. INSERTING A DISC

- Press the OPEN/CLOSE button on the DVD player or the remote , and "OPEN" appears on the TV screen.

- Place a disc on the disc tray, label facing up and press OPEN/CLOSE button. "CLOSE" appears on the TV screen and the disc tray closes. Now the player will proceed to read the disc automatically.

## 3. PLAYING A DISC

- The contents of each disc menu (Root menu) varies according to who and how the disc was created and what features were included. The disc menu will automatically appear once the player has read the disc and all the warning screens have passed.

  **A) DISC MENU**

  a. Press MENU button once.
  - The TV displays the DVD Root menu when a DVD disc is loaded. When a SVCD or VCD2.0 disc is loaded, the VCD menu will be displayed on screen (when PBC is off). Press the PBC button once to display current PBC state.
  - PBC is only initialized when a SVCD of VCD2.0 disc is loaded.

  b. When a DVD disc is loaded, press ◄ ►▲▼ buttons to highlight a menu item you want to select. As for SVCD or VCD2.0 discs, you can press NUMERICAL buttons to select a track to play.

c. Press the ENTER or PLAY button to enter a menu you have selected or start an action you have selected.
d. During DVD disc playback, press the MENU button to return to Root menu. As for SVCD or VCD2.0 discs (with PBC function turned on), press PBC button to return to the menu.
e. Press the STOP button to stop playback.

- When you press STOP button for the first time, the player goes into PRE STOP state. At the same time, the OSD (On Screen Display – DVD functions displayed on the TV screen) will show "Press Play Key To Continue". Press the STOP button twice to enter into STOP state.



- In PRE STOP state, the player remembers where playback was stopped. Pressing the PLAY button will cause the player to commence playback from the point at which you previously stopped. Note that this function is cancelled if you turn off the players power or if you open the disc tray at any point.
- In STOP state, when you press PLAY button, the player will start playback from the beginning of the disc.

### B) TITLE MENU (Compatible with DVD discs only)
a) During DVD playback, press TITLE button to display the DVD title content.
b) Press the ◄ ► ▲ ▼ buttons to highlight the title you want to select and press ENTER button to confirm your choice. You can also press NUMERICAL buttons to choose a title.
c) The DVD player begins at chapter 1 of the chosen title.

### C) SEQUENCE PLAYBACK
a) When a SVCD or VCD2.0 disc is loaded and the PBC button has been pressed, the PBC function is turned on. When the PBC button is pressed again, the PBC function is switched off. When the PBC function is off, the player plays the discs in sequence playback mode. When PBC function is button is pressed twice, PBC is switched on.
b) Except for SVCD of VCD disc, in the STOP state, when press PLAY button, the player will enter the sequence playback mode. This feature is effective to all the compatible discs.

### D) PROGRAMMED PLAYBACK
The Programmed playback option allows you to enter the order in which you want chapters or tracks to play, up to a maximum of 16. Press the PROG button to enter the programmed playback menu.

- The programmed playback menu for DVD discs looks like the screen image to the right. Note that 'Tt' stands for Title and 'ch' stands for Chapter. Both the Title and the Chapter number need to be entered for an entry to be valid.

- The programmed playback menu for SVCD/VCD/CD discs looks like the screen image to the right. Note that only the track number needs to be entered for the entry to be valid.
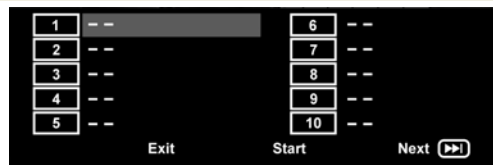


- If PBC function is on, this operation will turn PBC function off while the chapters/tracks are played back in a programmed order.
- Using the ◄ ►▲▼ buttons, highlight a memory location. Press the NUMERICAL buttons to enter the chapter/track numbers in the order you want them to play. Then, press ◄ ►▲▼ buttons to highlight START, located at the bottom of the screen. The chapters/tracks will be played back in the programmed order.
- During Programmed playback, if the PROGRAM button is pressed, the programmed playback menu appears showing the chapters/tracks in the order you have programmed them in. You can press STOP to stop programmed playback and resume normal playback.
- Notes :
  - To clear the programmed order, use ◄ ►▲▼ buttons to highlight "STOP" at the bottom of the menu screen.
  - To modify the programmed order, use ◄ ►▲▼ buttons to highlight the item you would like to modify and then enter the new chapters/tracks you want to program using the NUMERICAL buttons.

## 4. SELECTING TRACKS
- When playing a DVD disc, press NUMERICAL buttons in menu or title page to select a menu or title item directly. During DVD playback, you can input desired title number directly by pressing NUMERICAL buttons.
- When playing a SVCD or VCD disc, during sequence playback, press NUMERICAL buttons to select tracks. (when programmed playback and PBC function is on, you can only press PREV ◄◄ / NEXT ►► button to select a track).
- As for MP3 / JPEG discs, press NUMERICAL buttons to select different tracks on current track list.
- Note :
  To select tracks from 1-9, press corresponding NUMERICAL buttons (1-9).
  To select track 10 and above, press 10+ button, then press 1-9 buttons.

## 5. SKIPPING TRACKS
- Press NEXT ►►| to skip to the beginning of the next title/chapter/track on a disc.

- Press PREV ◄◄ to beginning of the previous title/chapter/track on a disc.

PREV

## 6. MULTI-SPEED PLAYBACK

- Press FWD key repeatedly to toggle between fast forward 2x, 4x, 8x, 16x, 32x and 1x regular speed playback. Alternatively, press the PLAY button to return to regular playback speed.

FWD

- Press REV key repeatedly to toggle between fast reverse 2x, 4x, 8x, 16x, 32x and regular speed playback. Alternatively, press the PLAY button to return to regular playback speed.

REV

## 7. MULTI-SPEED SLOW MOTION PLAYBACK

- Press SLOW button during playback to enter slow motion playback mode. Slow motion playback has four speeds : 1/2, 1/4, 1/8, 1/16.
- Press PLAY button to resume normal playback.

## 8. REPEAT PLAYBACK MODES

During disc playback, press the REPEAT button repeatedly to access one of the various repeat playback modes. The repeat mode you have accessed will show on the TV screen.

- During SVCD/VCD/CD/MP3/JPEG disc playback mode, press REPEAT button once to turn on the REPEAT playback mode. Press REPEAT button repeatedly to toggle between the various repeat modes. There are two repeat modes: Repeat Track and Repeat All. If you press the REPEAT button three times, the repeat mode will return to the OFF mode and be cancelled.
- During DVD playback, press REPEAT button once to turn on repeat playback mode. There are three repeat modes: Repeat Chapter, Repeat Title and Repeat All. If you press the REPEAT button four times, the repeat mode will return to the OFF mode and be cancelled.

## 9. USING THE OSD (ON-SCREEN DISPLAY) FEATURE

- While loading and playing DVDs, press the OSD button once. The following information is displayed on the TV screen:
    - Title Number / Total Number of Titles
    - Chapter Number / Total Number of Chapters
    - Current Playback Position (Time) for that title on the Disc

OSD

**Title Elapsed**
**Tt 01/10  ch 01/08**
**0:05:21**

- Press the OSD button a second time and the following  information is displayed on the TV screen:
    - Title Number / Total Number of Titles
    - Chapter Number / Total Number of Chapters
    - Total Time remaining for this title on the Disc.
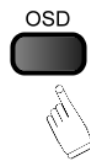
OSD

**Title Remain**
**Tt 01/10  ch 01/08**
**1:32:18**

- Press the OSD button a third time and the following  information is displayed on the TV screen:
    - Title Number / Total Number of Titles
    - Chapter Number / Total Number of Chapters
    - Current Playback Position (Time) of this chapter.

OSD

**Chapter Elapsed**
**Tt 01/10  ch 01/18**
**0:06:58**

- Press the OSD button a fourth time and the following  information is displayed on the TV screen:
    - Title Number / Total Number of Titles
    - Chapter Number / Total Number of Chapters
    - Total Time remaining for the current chapter.

OSD

**Chapter Remain**
**Tt 01/10  ch 01/18**
**0:07:24**

- Press the OSD button a fifth time to cancel the OSD menu. The OSD disappears.
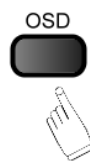
- While loading and playing VCD's, press the OSD button once. The following information is displayed on the TV screen:
    - Track Number / Total Number of Titles
    - Current Playback Position (Time) for that track.

OSD

**Single Elapsed**
**Track 01/14**
**0:00:22**

- Press the OSD button a second time and the following information is displayed on the TV screen:
    - Track Number / Total Number of Titles
    - Total Time lasts for that track.

OSD

**Single Remain**
**Track 01/14**
**0:02:32**

- Press the OSD button a third time and the following information is displayed on the TV screen:
    - Track Number / Total Number of Titles
    - Current Playback Position (Time) on the Disc.

OSD

**Total Elapsed**
**Track 01/14**
**0:01:14**

- Press the OSD button a fourth time and the following information is displayed on the TV screen:
    - Track Number / Total Number of Titles
    - Total Time remaining on the Disc.

OSD

**Total Remain**
**Track 01/14**
**0:52:32**

- Press the OSD button a fifth time to cancel the OSD menu. The OSD disappears.

## 10. USING THE SEARCH FEATURE

- You can use the Search feature to select a title/track/chapter number or go to a specific point in a title. To use this feature, press the GOTO button on the remote control to bring up the search menu and enter the information edit status. Then press the GOTO button repeatedly to highlight the title/chapter/track number or the time option. Then, use the NUMERICAL buttons to enter the title/chapter/track you want to play or the elapsed time you want to go to in a specific title. The player will now move to the chosen title / chapter / track or time on the disc.
- Notes :
  - This feature does not work in programmed playback mode.
  - If PBC is on (VCD Only), it will turn off automatically when Search Playback starts.
  - When playing MP3/JPEG discs, the search feature does not work.
  - Press the GOTO button a second time to exit from this feature

## 11. CHANGING THE AUDIO LANGUAGE

- During disc playback, press the AUDIO button once to view the current audio language on screen. Press the AUDIO button repeatedly to scroll through the available audio languages on the disc.
- When a DVD or SVCD has been pre-recorded with multiple audio soundtracks, you can use the language feature to change the audio language. Note that language availability depends entirely on the disc content and not on the player. See DVD disc sleeve for details on the included languages.

## 12. SUBTITLES (COMPATIBLE WITH DVD OR SVCD DISCS ONLY)

Press the SUBTITLE button on the remote controller once and the subtitle bar appears on screen.

- When a DVD or SVCD is pre-recorded with different subtitles, you can use the SUBTITLE feature to view the subtitles on-screen. By default, subtitles are not displayed (off mode). The info bar will display OFF.
- To display subtitles, press the SUBTITLE button again. The default language with its corresponding sequence will be displayed in the info bar and subtitles appear in the chosen language on the TV screen. Press the SUBTITLE button repeatedly to toggle between the available subtitle languages. Note that subtitle availability depends entirely on the disc content and not on the player. See DVD disc sleeve for details on the included subtitle languages.

## 13. CHANGING THE CAMERA ANGLE (Compatible with DVD discs ONLY)

- During DVD disc playback, press the ANGLE button and the angle icon appears on screen.
- Press the ANGLE button repeatedly to toggle between the different available angles.
- Note that this feature ONLY works with DVDs that contain film that was shot from multiple angles. Also note that angle availability depends entirely on the disc content and not on the player. See DVD disc sleeve for details on whether multiple angles are included.



ANGLE

## 14. CHANGING THE TV SYSTEM

- Press N/P button to display current TV system.
- In North America the NTSC TV system is used
- Press the N/P button repeatedly to toggle between the different TV systems (PAL etc.)
- Note that in order to view region 1 and region ALL DVD discs, you do not need to change this option as NTSC is the factory default setting.

## 15. MUTING AUDIO OUTPUT

- Press the MUTE button once to mute audio output.
- Press the MUTE button again to resume previous audio output volume level.
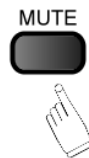
## 16. ZOOMING FEATURE

- Press ZOOM button to activate this function. Press the ZOOM button repeatedly to toggle between the different zoom factors : 2X, 3X, 4X, ZOOM OFF.
- Use the ◄ ► ▲ ▼ buttons to pan across the screen when zoom factor is ON.

## 17. CHANGING THE AUDIO MODE (Compatible with CD discs ONLY)

- Press R/L button once to view the current audio output mode.
- Press R/L button repeatedly to toggle between Stereo / Mono L / Mono R audio output modes.
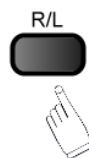
## 18. REPEATING A SPECIFIC SECTION ON A DISC

- Press A-B button one time to set the starting point for the segment you want to have repeated (Point A)
- Press A-B button a second time to set the end point for the segment you want to have repeated (Point B)
- Now the segment you have marked between point A and B will be repeated until you stop playback.
- Press A-B button a third time to cancel the A-B repeat mode.

## 19. VOLUME CONTROL

- You can press the VOLUME buttons on the TV set or the amplifier to adjust the volume level.
- Alternatively, press the VOL+ button on the remote control to increase the volume level. Press the VOL- button to lower the volume level.

Note : During DVD PCM output playback, this feature does not work.

## 20. PLAYING MP3, WMA AND JPEG DISCS

Insert a MP3/JPEG disc into the player and the player will auto search the directories for MP3/JPEG files. After searching, the player will automatically go to the first directory of MP3 files and play the first song (MP3 Disc only). "01" is highlighted. After you insert a JPEG disc, the player will automatically go to the first directory of JPEG files. Press ◄ ►▲▼ buttons to highlight a JPEG and press PLAY / ENTER button to start slideshow. To view a particular JPEG, select a JPEG using the arrow buttons and once it is displayed on the screen, press the PLAY/PAUSE button. To return to slideshow mode, press the PLAY/PAUSE button once again. The player will now start the slideshow starting with the first JPEG you have selected and then go through the remaining JPEG's in the current directory in the order in which they appear. The screen will look like the image to the right when a MP3 / JPEG disc is inserted:
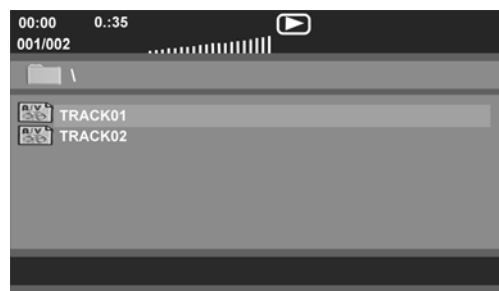
## 21. Restoring Factory Settings

If you have forgotten a password or if you have changed the audio / video settings to the extent that you are not happy with audio / video output and you are not sure on how to change the settings back, you have the option of restoring the settings to the original Factory settings.

To restore the settings to the original Factory settings, simply press the RESET button once. If you press the RESET button by accident, you will have to change the settings back to where they were by entering the SETUP menu and changing the settings back manually.
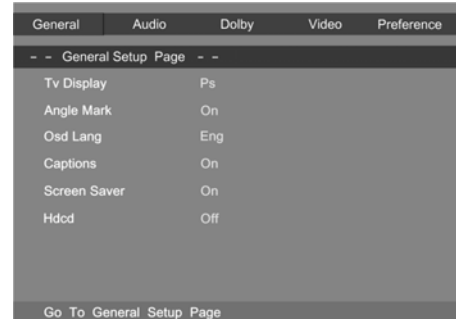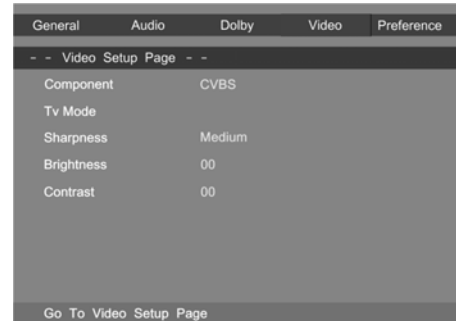
# SYSTEM SETUP

## 1. GENERAL SETUP MENU INFORMATION

**A)** Press the SETUP button, the main SETUP menu appears.
- When the main menu is displayed, the DVD system will auto pause.

| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - General Setup Page - - | | | | |
| Tv Display | Ps | | | |
| Angle Mark | On | | | |
| Osd Lang | Eng | | | |
| Captions | On | | | |
| Screen Saver | On | | | |
| Hdcd | Off | | | |
| Go To General Setup Page | | | | |

**B)** Press the ◄ or ► button to highlight the desired options page. Then press the ▲or▼ button to enter the options page you have chosen. For example, if you want to enter the VIDEO options page, press ► button repeatedly to highlight the video icon. The VIDEO options page is displayed on the screen. Press the ▼ button to enter the VIDEO options page.

| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - Video Setup Page - - | | | | |
| Component | CVBS | | | |
| Tv Mode | | | | |
| Sharpness | Medium | | | |
| Brightness | 00 | | | |
| Contrast | 00 | | | |
| Go To Video Setup Page | | | | |

**C)** Press the ▼ button repeatedly to highlight the option you want to adjust. Press ENTER or ► button to enter the option adjustment menu (sub menu). The option choices of the particular option menu you have entered appear on the right. For example, press the ▼ button to highlight the BRIGHTNESS option then press ENTER to enter the BRIGHTNESS adjustment menu. Now press the ◄ or ► button to adjust the BRIGHTNESS level.

| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - Video Setup Page - - | | | | |
| Component | CVBS | | | |
| Tv Mode | | | | |
| Sharpness | Medium | | | |
| Brightness | 00 | | | |
| Contrast | 00 | | | |
| Brightness | | | | |

**D)** Simply press the SETUP button again to exit from the setup menu.

## 2) SETUP OPTIONS INFORMATION
## A) GENERAL SETUP
The GENERAL SETUP options are illustrated below:

- **TV DISPLAY**

  ***Normal / PS (Pan & Scan)*** : Choose this setting if your DVD player is connected to a normal aspect ratio TV (4:3). A standard edition movie (4:3) will fill the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen.

  ***Normal / LB (Letter Box)*** : Choose this setting if your DVD player is connected to a normal aspect ratio TV (4:3). You will see the movies in its original aspect ratio. You will also see the entire frame of the movie but it might appear with black bars at the top and bottom of the screen.

  ***Wide*** : Choose this setting if your DVD player is connected to a widescreen TV (15:9 or 16:9). If you have selected this setting but you don't have a wide screen TV, the images on the screen may appear distorted due to vertical compression.
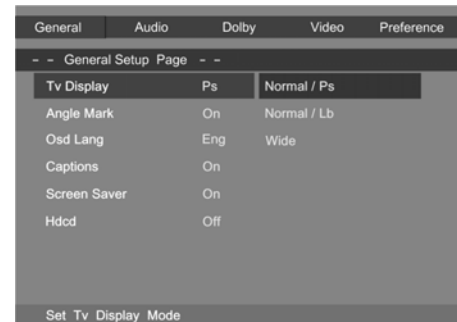
- **ANGLE MARK**

  Choose ANGLE MARK as ON, whenever the movie is recorded with different angles, there will be an icon on the TV screen so as to remind you that the movie under currently playing is with different angles. Thus, you could press the ANGLE button to view the movie in different angles.

  If you choose the ANGLE MARK as OFF, you have to be sure about the moive whether it comes with different angles or not as there would not be a reminder to you.
  Note:-
  ANGLE MARK is ONLY applicable to the movie disc which is recorded with different angles.
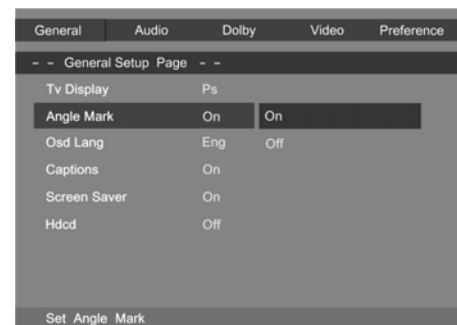
- **OSD LANG**

  Highlight the OSD LANGUAGE option and press ENTER button to access the OSD LANGUAGE options menu. Press ▲▼ buttons to choose the OSD language you prefer. Press ENTER to confirm your selection and the OSD content will now be displayed in the language you have chosen.

- **CAPTIONS**

    Select CAPTIONS as ON will display captions if the moive disc has been recorded with captions. Choose OFF to deactivate the captions shown.
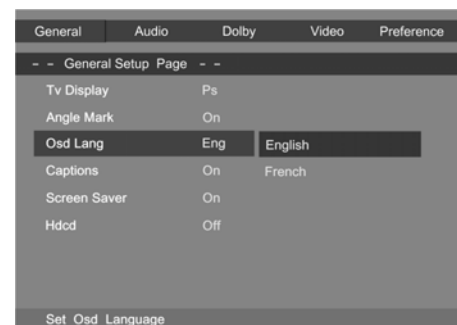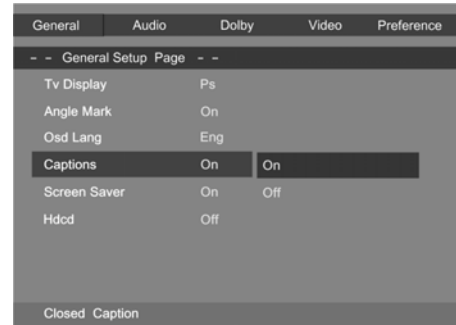
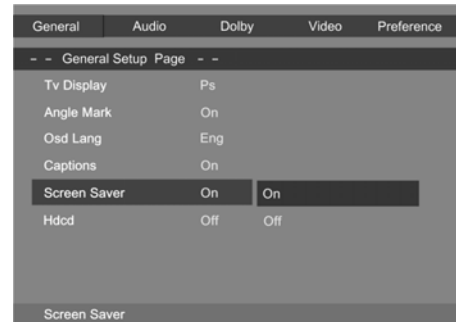| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - General Setup Page - - | | | | |
| Tv Display | Ps | | | |
| Angle Mark | On | | | |
| Osd Lang | Eng | | | |
| Captions | On | On | | |
| Screen Saver | On | Off | | |
| Hdcd | Off | | | |
| Closed Caption | | | | |

- **SCREEN SAVER**

    If the screen saver is on, when you DVD player is in STOP, OPEN or NO DISC state, or there is a frame frozen for more than 60 seconds, the screen saver will be displayed. This feature can protect your screen from image burn-in damage.
    *ON* : Choose this setting to activate the screen saver.
    *OFF* : Choose this setting to cancel the screen saver.
    The default setting is ON.

| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - General Setup Page - - | | | | |
| Tv Display | Ps | | | |
| Angle Mark | On | | | |
| Osd Lang | Eng | | | |
| Captions | On | | | |
| Screen Saver | On | On | | |
| Hdcd | Off | Off | | |
| Screen Saver | | | | |

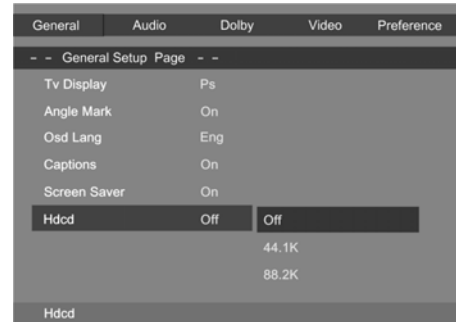- **HDCD (High Definition CD)**

    When you are listening to a HDCD, choose the right option to decode the HDCD audio signals.
    *OFF* : Choose this setting when you are not playing a HDCD.
    *44.1K* : Choose this setting when your HDCD is encoded using 44.1K sampling.
    *88.2K* : Choose this setting when your HDCD is encoded using 88.2K sampling.

| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - General Setup Page - - | | | | |
| Tv Display | Ps | | | |
| Angle Mark | On | | | |
| Osd Lang | Eng | | | |
| Captions | On | | | |
| Screen Saver | On | | | |
| Hdcd | Off | Off | | |
| | | 44.1K | | |
| | | 88.2K | | |
| Hdcd | | | | |

**B) AUDIO SETUP**

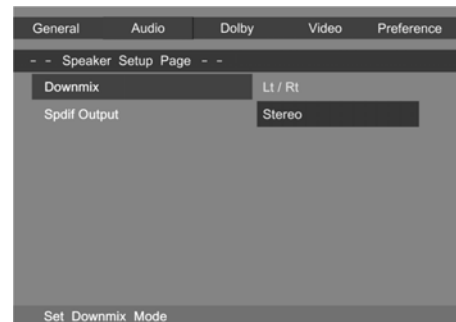The AUDIO SETUP options are illustrated below:

- **DOWNMIX**

    *LT/RT* : Use this setting when connecting to a Dolby Digital amplifier
    *STEREO* : Use this setting when connecting to a stereo TV or amplifier.

| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - Speaker Setup Page - - | | | | |
| Downmix | | Lt / Rt | | |
| Spdif Output | | Stereo | | |
| Set Downmix Mode | | | | |

- **SPDIF OUTPUT**

  *SPDIF/OFF* : Choose this setting if your DVD player is connected to only audio signals from analog audio output jacks. For the coaxial output jack, there will be no signal.

  *SPDIF/RAW* : Choose this setting if your DVD player is connected to a power amplifier with a coaxial cable. When playing a disc recorded with Dolby Digital, DTS and/or MPEG audio formats, the corresponding digital signals will be output from the coaxial output jack. This player's digital output jacks are designed for connection to a Dolby Digital, DTS and/or MPEG receiver or decoder.

  *SPDIF/PCM* : Choose this setting if your DVD player is connected to a 2-channel digital stereo amplifier. When playing a disc recorded with Dolby Digital and MPEG audio formats, audio signals will be modulated into 2-channel PCM signal and it will be output from the coaxial output jack.
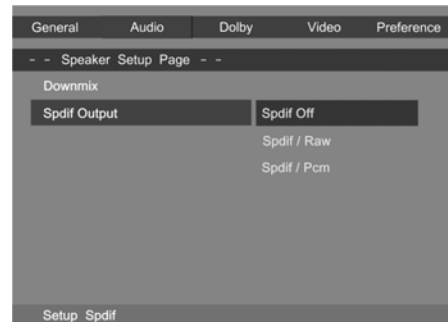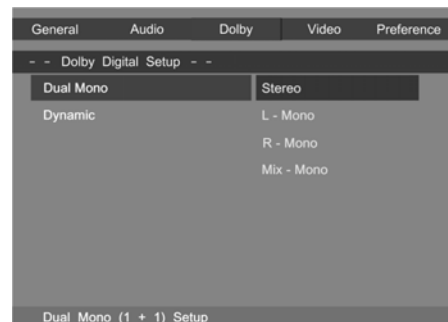
## C) DOLBY SETUP

You could only benefit from changing the settings in this Dolby setup as long as you have a digital connection to your Dolby digital amplifier/receiver. The DOLBY SETUP options are illustrated below:

- **DUAL MONO**

  If you have Dolby digital output in your amplifier/decoder, you may select *STEREO*, *LEFT-MONO*, *RIGHT-MONO* and *MIX-MONO* sound accordingly.

- **DYNAMIC**

  Choose this setting to adjust the range between the softest and loudest levels a source can produce without distortion. When you set the dynamic range to FULL, the peak values of the audio will be minimized, this is great for night time viewing as you do not have to keep on changing the volume level when you are listening to louder parts of a movie or musical piece (i.e. explosions, rock concerts etc.). When you change the setting to OFF, you will hear the sound as it was recorded when it was being produced. This means that some parts of a musical piece or movie might be much louder then other parts depending on the musical piece or movie.
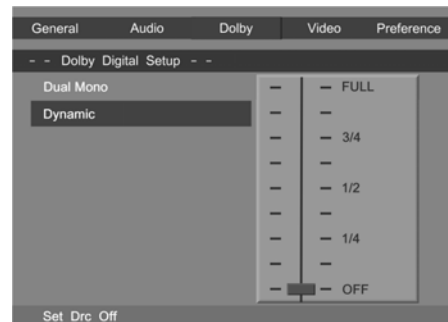
## D) VIDEO SETUP
The VIDEO SETUP options are illustrated below:

- **COMPONENT**

  *CVBS* : Choose this setting when your DVD player is connected to your TV via the normal RCA or S-Video output.

  *YUV* : Choose this setting when your DVD player is connected to your TV via the COMPONENT output - YUV.

  *RGB* : Choose this setting when your DVD player is connected to your TV via the COMPONENT output - RGB.

  *Warning* : If you are not sure about the connection, please always select the CVBS. Otherwise, the output screen to the TV/Monitor will be blank.

  *If you have wrongly selected the video output type and you have a blank screen on your TV/Monitor*, please press the RESET button on the remote control to restore all the settings to the pre-factory settings – CVBS.

- **TV MODE**

  *P-Scan* : Choose this setting when your DVD player is connected to your TV via the COMPONENT output – YUV or RGB and your TV type should be Progressive Scan type.

  *Interlace* : Choose this setting when your DVD player is connected to your TV via the COMPONENT output – YUV or RGB and your TV type should be normal interlace type.

  *Warning* : If you are not sure about the connection, please always select INTERLACE. Otherwise, the picture output to the TV/Monitor will be distorted.

  *If you have wrongly selected and you got the distorted picture on your TV/Monitor*, please press the RESET button on the remote control to restore all the settings to the pre-factory settings – INTERLACE.

  *Note* :

  *This setting is only selectable as long as you have selected YUV or RGB from the Component setup sub-menu*.
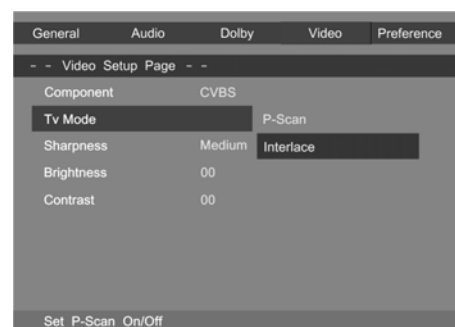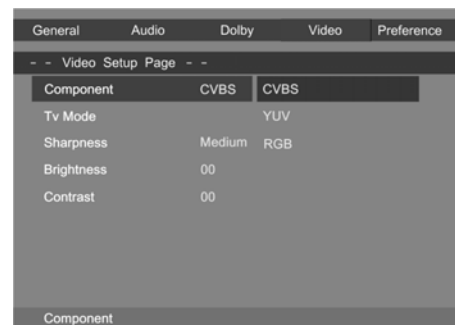
- **SHARPNESS**
  You could adjust the SHARPNESS of the picture with the range of _**HIGH**_, _**MEDIUM**_ and _**LOW**_.

| General | Audio | Dolby | Video | Preference |
|---------|-------|-------|-------|------------|

- - Video Setup Page - -

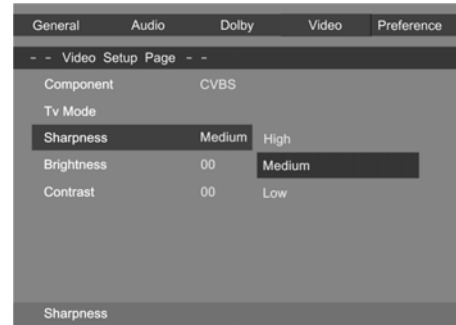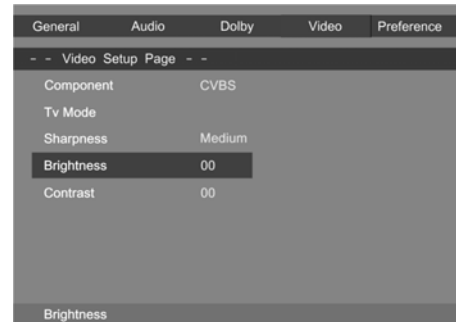| Component | CVBS | |
|-----------|------|--|
| Tv Mode | | |
| Sharpness | Medium | High |
| Brightness | 00 | Medium |
| Contrast | 00 | Low |

Sharpness

- **BRIGHTNESS**
  You could adjust the BRIGHTNESS of the picture from _**-20**_ to _**+20**_. Select a lower number for a darker picture. Select a higher number for a brighter picture.

| General | Audio | Dolby | Video | Preference |
|---------|-------|-------|-------|------------|

- - Video Setup Page - -

| Component | CVBS |
|-----------|------|
| Tv Mode | |
| Sharpness | Medium |
| Brightness | 00 |
| Contrast | 00 |

Brightness

You could press the ◄ or ► buttons to adjust the BRIGHTNESS level.

| General | Audio | Dolby | Video | Preference |
|---------|-------|-------|-------|------------|

Brightness 00

Brightness
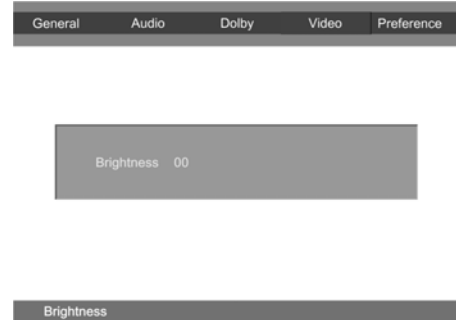
- **CONTRAST**
  You could adjust the CONTRAST of the picture from _**-16**_ to _**+16**_. Select a lower number for a lower contrast picture. Select a higher number for a higher contrast picture.

| General | Audio | Dolby | Video | Preference |
|---------|-------|-------|-------|------------|

- - Video Setup Page - -

| Component | CVBS |
|-----------|------|
| Tv Mode | |
| Sharpness | Medium |
| Brightness | 00 |
| Contrast | 00 |
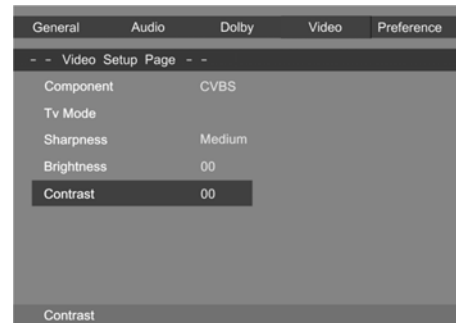
Contrast

You could press the ◄ or ► buttons to adjust the CONTRAST level.

Contrast   00

Contrast
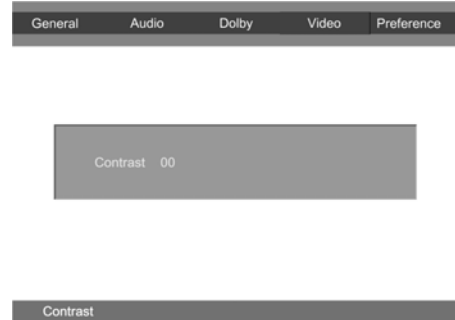
## E) PREFERENCE SETUP
The PREFERENCE SETUP options are illustrated below:
**Note that you can only access the preference setup menu while in STOP mode. (Not in PRE STOP or PLAY mode)**
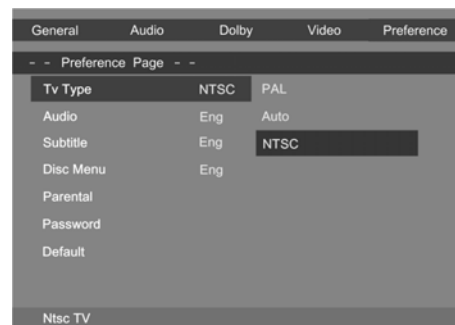
- **TV TYPE**

  Adjust to change the Color System of the TV (Note that in North America the NTSC color system is used). You can choose from the following TV SYSTEM options.

  **_AUTO_** : Choose this setting if your DVD player is connected to a multi-system TV.

  **_NTSC_** : Choose this setting if your DVD player is connected to a NTSC TV.
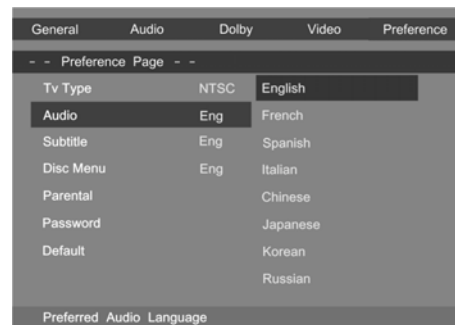
  **_PAL_** : Choose this setting if your DVD player is connected to a PAL TV.

| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - Preference Page - - | | | | |
| Tv Type | NTSC | PAL | | |
| Audio | Eng | Auto | | |
| Subtitle | Eng | NTSC | | |
| Disc Menu | Eng | | | |
| Parental | | | | |
| Password | | | | |
| Default | | | | |
| Ntsc TV | | | | |

- **AUDIO**

  Highlight the AUDIO LANG option and press ENTER button to access the AUDIO options menu. Press ▲ or ▼ buttons to choose the audio language you prefer. Press ENTER to confirm. If the disc you are playing has that language available, it will output audio in the language you have chosen.
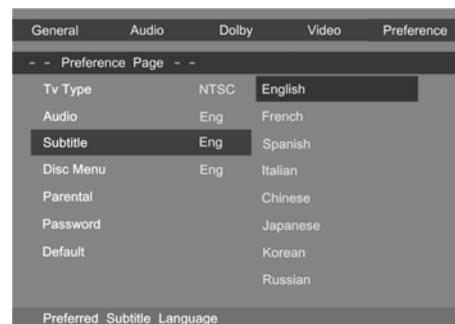
  NOTE: Audio language availability is subject to the languages contained on the DVD disc.

| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - Preference Page - - | | | | |
| Tv Type | NTSC | English | | |
| Audio | Eng | French | | |
| Subtitle | Eng | Spanish | | |
| Disc Menu | Eng | Italian | | |
| Parental | | Chinese | | |
| Password | | Japanese | | |
| Default | | Korean | | |
| | | Russian | | |
| Preferred Audio Language | | | | |

- **SUBTITLE**

  Highlight the SUBTITLE option and press ENTER button to access the SUBTITLE options menu. Press ▲ or ▼ buttons to choose the subtitle language you prefer. Press ENTER to confirm. If the disc you are playing has that language available, it will display the subtitle language you have chosen.

  NOTE: Subtitle language availability is subject to the languages contained on the DVD disc.

| General | Audio | Dolby | Video | Preference |
|---|---|---|---|---|
| - - Preference Page - - | | | | |
| Tv Type | NTSC | English | | |
| Audio | Eng | French | | |
| Subtitle | Eng | Spanish | | |
| Disc Menu | Eng | Italian | | |
| Parental | | Chinese | | |
| Password | | Japanese | | |
| Default | | Korean | | |
| | | Russian | | |
| Preferred Subtitle Language | | | | |

- **DISC MENU**

  Highlight the DISC MENU option and press ENTER button to access the DISC MENU options menu. Press ▲ or ▼ buttons to choose the menu language you prefer. Press ENTER to confirm. If the disc you are playing has that language available, it will display menu content in that language.

  NOTE:

  If your preferred language is not available, the disc's default language will be played.
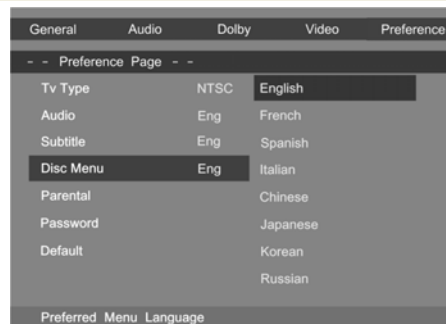


- **PARENTAL**

  The PARENTAL feature is a parental control system that allows you to block DVD content based on the rating levels you have chosen. It only works with DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family can watch.
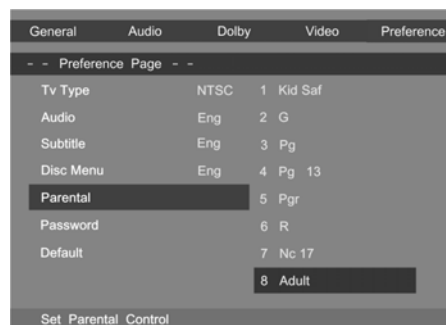
  The rating options are as follows: 1 Kid Saf, 2G, 3 PG, 4 PG13, 5 PGR, 6 R, 7 NC-17 and 8 Adult.

  Select level 8 to cancel the rating limit.

  The default setting is 8.

  Notes:

  If the password option is locked, you cannot set the rating limit. The rating limit does not work when the password option is unlocked.



**Rating Limit Definitions**

【1 Kid Saf】－for General Audiences - all ages admitted - suitable for children

【2 G】－Rating limit between 【1 G】 and 【3 PG】

【3 PG】－parental guidance - used for movies that do not have cursing or violence and that are suitable for children accompanied by adults

【4 PG13】－used for movies that have some cursing and limited violence and are not suitable for children under the age of 13

【5 PGR】－Rating limit between 【4 PG13】 and 【6 R】.

【6 R】－used for movies in which there is an abundance of cursing, violence, and sexual content suitable for viewers 17 and older

【7 NC17】－used for movies in which there is a abundance of cursing, graphic violence, and sexual activity, and is geared for mature viewers 17 and older

【8 Adult】－No Rating limit

- **PASSWORD**

  The password option is initially locked and you cannot set the parental control settings or change them without a password. In order to access the PARENTAL menu, the password mode must be turned on. If you want to set the ratings options, you need to enter the default password which is 8,8,8,8 and then press ENTER to confirm the password. To change the password, you will be prompted for the old password and then you will be prompted to enter a new one. Enter a new 4-digit number. (This will now be your new password)

  *Note* :

  If you have forgotten your new password, you could press the RESET button of the remote control to restore all the settings to pre-factory settings – the original default password (8888) would be valid again.



- **DEFAULT**

  Choose this option to revert all the options to factory default settings.
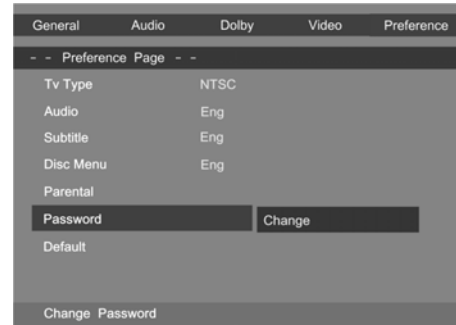
# TROUBLE SHOOTING GUIDE

When there is a problem, it doesn't necessarily mean that the player is malfunction. Before sending it for repair, please check the troubleshooting guide below for a possible solution to the problem you are having. Under no circumstances should you attempt to repair the player yourself. There are no user serviceable parts inside and this will void your warranty.

| PROBLEM | SOLUTION |
|---|---|
| No power | • Make sure power cord is properly connected.<br>• Check if there is power at the AC outlet by plugging in another appliance. |
| No picture | • Check the TV is switched on.<br>• Check the video connection.<br>• Check the appropriate video input mode of the TV. |
| Unable to start playback | • If no disc inserted, please insert a disc.<br>• Insert a compatible disc which is of a type that is compatible with this player and the region code should match this players region code.<br>• Ensure the disc label is facing up.<br>• Clean the disc.<br>• Check if the disc is defective by trying another disc.<br>• Check to see if the disc is defective, badly scratched or damaged (e.g. not flat). |
| Picture poor<br>No sound | • Clean the disc by removing fingerprints or dust with a soft cloth, wiping from the center to the edge of the disc in a circular clockwise direction.<br>• Check the audio connection.<br>• Select the correct input mode of the audio receiver. |
| The remote control does not work properly | • Point the remote controller at the remote sensor of the DVD player.<br>• Operate the remote control within 23ft (7m) of the player.<br>• Inspect and / or replace the batteries. |
| Player does not respond to some operating commands | • Operations may not be permitted by the disc itself. |
| Disc tray cannot be closed | • Please place the disc again in the center of the disc tray. |
| Disc tray cannot be opened | • If the tray is locked by an obstacle or disc, please use a thin stick into emergency opening hole and move the inside bar on the bottom of the player manually. |

# TECHNICAL SPECIFICATIONS

| Type | DIGITAL DVD Player |
|---|---|
| Model | DVD830 |
| Play Mode | NTSC / PAL / AUTO |
| Disc Mode | DVD, VCD, SVCD, CD, MP3, DVD+R, DVD+RW, JPEG, WMA |
| | |
| **Video Characteristic** | |
| Resolution | ≥500 lines |
| Video S/N Ratio | ≥56dB |
| | |
| **Audio Characteristic** | |
| Frequency Response | fs 192KHz : 4Hz-44KHz : +/- 1dB |
| Audio S/N Ratio | ≥90dB |
| Dynamic Range | ≥90dB |
| Distortion | ‹ 0.01% |
| D/A Converter | 192KHz / 24-Bit |
| | |
| **Output Characteristic** | |
| Video Output | 1Vp-p (75Ω) |
| S-Video Output | Y:1Vp-p (75Ω) C:0.3Vp-p (75Ω) |
| Audio Output | 2.0V +/- 0.0V-1.0V |
| Audio Output – Channel | 2 Channels |
| Digital Audio Output | Coaxial |
| Power Voltage | AC 110V ~ 50Hz |
| Power Consumption | ≤25W |
| Size | 220x60x250mm |
| Weight | 1.2kg |

Specifications are subject to change without prior notice.

## MAGNASONIC HOME ENTERTAINMENT WARRANTY

We appreciate your purchase of a MAGNASONIC Home Entertainment product. We take pride in the quality of our products and have manufactured your new Home Entertainment unit to exacting quality standards. We feel confident that in normal use, it will provide you with satisfactory performance. However, should you experience difficulty, you are protected under the provisions of this warranty.

MAGNASONIC Home Entertainment products are warranted against manufacturing defects in materials and workmanship in normal use for the following period from the date of purchase by the original user, and is conditional upon the unit being installed and used as directed in the instruction manual.

| PRODUCT | PARTS AND LABOUR |
| --- | --- |
| DVD Players | 1 year |
| Portable DVD Players | 1 year |
| Remote Control | 90 days |

MAGNASONIC's obligation under this warranty shall be limited to the repair, including all necessary parts and the cost of the labour connected therewith, or at our option the exchange of any Home Entertainment product which shows evidence of a manufacturing defect within the warranty period.

Replacement parts, furnished in connection with this warranty shall be warranted for a period equal to the unexpired portion of the original equipment warranty.

### CUSTOMER OBLIGATIONS

This warranty applies to the product from the original date of purchase at retail. Therefore, the owner must provide a copy of the original, dated bill of sale. No warranty service will be performed without a bill of sale. Transportation to and from the service depot is the responsibility of the owner.

### WARRANTY EXCLUSIONS

This warranty is extended to MAGNASONIC Home Entertainment products purchased and used in Canada. This warranty shall not apply to appearance or accessory items including but not limited to: antenna, cabinet, cabinet parts, knobs, batteries, connecting cables, cassette tapes, compact discs. This warranty shall, in addition, not apply to damages due to handling, transportation, unpacking, set-up, installation, customer adjustments that are covered in the instruction book, repair or replacement of parts supplied by other than the MAGNASONIC authorized service depot, any malfunction or failure caused by or resulting from abnormal environmental conditions, improper unauthorized service, improper maintenance, modifications or repair by the consumer, abuse, misuse, neglect, accident, fire, flood, or other Acts of God, and incorrect line voltage.

This Home Entertainment product is only warranted to the original retail purchaser. This warranty becomes void in the event of commercial or rental use. This warranty becomes void in the event serial numbers are altered, defaced or removed.

MAGNASONIC reserves the right to make changes in design or to make additions to or improvements upon this product without incurring any obligation to install the same on products previously manufactured. The foregoing is in lieu of all other warranties expressed or implied and MAGNASONIC neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with the sale or service of this product. In no event shall MAGNASONIC or its MAGNASONIC dealers be liable for special or consequential damage arising from the use of this product, or for any delay in the performance of this warranty due to cause beyond our control.

The purchaser may have other rights under existing provincial or federal laws, and where any terms of this warranty are prohibited by such laws, they are deemed null and void, but the remainder of the warranty shall remain in effect.

### HOW TO OBTAIN SERVICE

Should this product require service, you may obtain specific information on how to obtain service by contacting the MAGNASONIC Dealer from whom this product was purchased, or by contacting us directly:

*SONIGEM SERVICE*
300 Alden Road
Markham, Ontario, L3R 4C1
PHONE: (905) 940-5089   TOLL FREE: 1-800-287-4871   FAX: (905) 940-2303