AVAYON

DVD/DIVX PLAYER

Model: DXP-1000

INSTRUCTION MANUAL

DVD / DivX / CD-DA / MP3 / CD / CD-R / CD-RW compatible

Read this manual before installation and use

TABLE OF CONTENTS   **page**

WARNING

TO REDUCE THE RISK OF FIRES AND ELECTRIC SHOCKS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	**CAUTION:** To reduce the risk of fires and electric shock, do not remove the cover of the unit. Refer servicing only to qualified person
⚡	This lighting flash arrow symbol in a triangle is intended to alert users to the presence of non-insulated high voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to person
⚠	The exclamation point symbol in a triangle is intended to alert users to the presence of important operating and maintenance instructions in the literature accompanying the unit
CLASS 1 **LASER** **PRODUCT**	The marking of products using lasers. The marking will be shown at the rear panel of the unit, means the unit have been classified as Class 1, and are utilizing laser beams that are of weaker class. There is no danger of hazardous radiation outside the unit

REFER SERVICING ONLY TO QUALIFIED SERVICE PERSON

IMPORTANCE

□ Read through this instruction manual before installation and use.

□ Do not touch the power plug with wet hand.

□ When disconnecting the power cord from the power outlet, hold the plug, do not pull the wire.

□ Switch off the main power when the unit is not in use. (Disconnect the power plug from the power outlet when you do not intend to use the unit for a prolonged period of time.)

□ Before moving the unit, remove the disc from the unit's tray first.

□ Do not open the cover or touch any of the components inside the unit.

□ Do not install or operate the unit directly exposed to sunlight or nearby objects radiating heat that may lead to overheat and dangerous to the unit.

□ Do not install or operate the unit in overly moist or humid environments that may affect the laser head.

□ Install the unit on flat surface with good air circulation. Do not cover the ventilation holes on the unit in anyway. Otherwise, the unit will possibly overheat and malfunction.

□ Wipe the panel and case with soft dry cloth only. Do not apply any kind of thinner, alcohol or sprays when the cleaning of the unit.

GENERAL INFORMATION

This unit can play the following types of disc:

DVD   single side / double sides
                single layer / double layers
DVD-R / DVD-RW
DVD+R / DVD+RW
DivX   Ver. 3.11 / 4.xx / 5.xx
CD-DA
MP3
CD-R
CD-RW
Photo CD (JPEG)

1. DISC INFORMATION

Disc types	DVD		VCD	DIVX	CD
Recording method	Digital / MPEG II		Digital / MPEG I	MPEG 4	Digital
Capacity	Single layer Single side 4.7GB = 2 hr Single layer Double sides 8.5GB =4 hr	650MB 74min	650MB		650MB 74min
Disc size	12cm / 8cm		12cm		12cm / 8cm
Horizontal Resolution	500 lines up		240 lines up		-
Sub-titles	32		-	-	-
Sound tracks	8		2	-	-
Symbol					

2. SELECT A DVD DISC
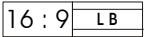
□ DVD discs and DVD players are manufactured under the worldwide agreed DVD Regional Code System that the player will operate only with corresponding disc of the same Regional Code.

□ DVD Regional Code:

Regional Code	Region
1	Canada, USA
2	Europe (incl. Poland, Romania, The Czech republic), Japan, Middle East (incl. Saudi Arabia, Egypt, Iran, South Africa)
3	East Asia (incl. Hong Kong, Taiwan, South Korea), Southeast Asia
4	Australia, Caribbean, Central & South America, Mexico, New Zealand
5	Africa, Former Soviet Union, India, North Korea, Pakistan, Turkmenistan
6	China

(Remarks: This DVD will only play the DVD with Region Code 1)

□ Features of a DVD disc:

Each DVD disc contains different combinations of features depending on the design and production of the disc. The following symbols representing some DVD features:

 Regional Code / Video Output System

 Dolby Digital Surround

 DTS Digital Surround

 Number of audio Tracks

 Number of Sub-titles

 Screen modes

 Child Lock

 Number of Angles

REMARK

Some features of this unit are related to the DVD disc's software. Some features of this unit cannot be preformed if the disc does not support the features, or required special settings. Check the features of the disc before playing it, or follow the instruction on screen menu of the disc.

3. CARE OF DISC

- Video disc contains high density compressed data that needs proper handling.

- Hold the disc with fingers, holding the hole at center and the edge do not touch the disc surface.

- Do not bend or press the disc, do not expose the disc to direct sunlight or heating source.

- Store discs in cabinet, vertically, in dry condition, prevent moisture or humidity.

- Clean the disc with soft dry cloth only, wipe gently, from center to the edge. Do not apply thinner, alcohol or sprays when cleaning.

PREPARATION

1. UNPACK THE UNIT

The standard packing contains the following items:
- The DVD player unit.
- Infra red remote controller
- AV Cables
- Two AAA batteries
- User's instruction manual
- Warranty Registration Card

2. LOADING BATTERIES INTO THE REMOTE CONTROL

- Remove the battery compartment cover.
- Load two AAA batteries into the battery compartment.
- Make sure that the batteries have been inserted in the right polarities matching to the symbols +, - as indicated in the battery compartment.
- When replacing batteries, replace both batteries. Do not mix new and used batteries operating together; otherwise, the operating lifetime will be much shorter than normal.
- Do not dispose batteries as normal rubbish. Be environment friendly, dispose batteries according to the Government's regulation.
- Remove the batteries if you do not intend to use the unit for a prolonged period of time.

SYSTEM CONNECTIONS
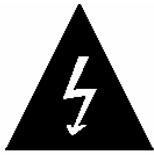
DO NOT connect the AC power socket to the wall outlet before the system connection is completed

Before turning on the power standby button on the front panel or remote control, you should switch on the main power in the rear panel.

Note: The light in the front panel will be red in color when it is in power off mode; green in color when it is in standby mode.

1. CONNECTING TO TV SET
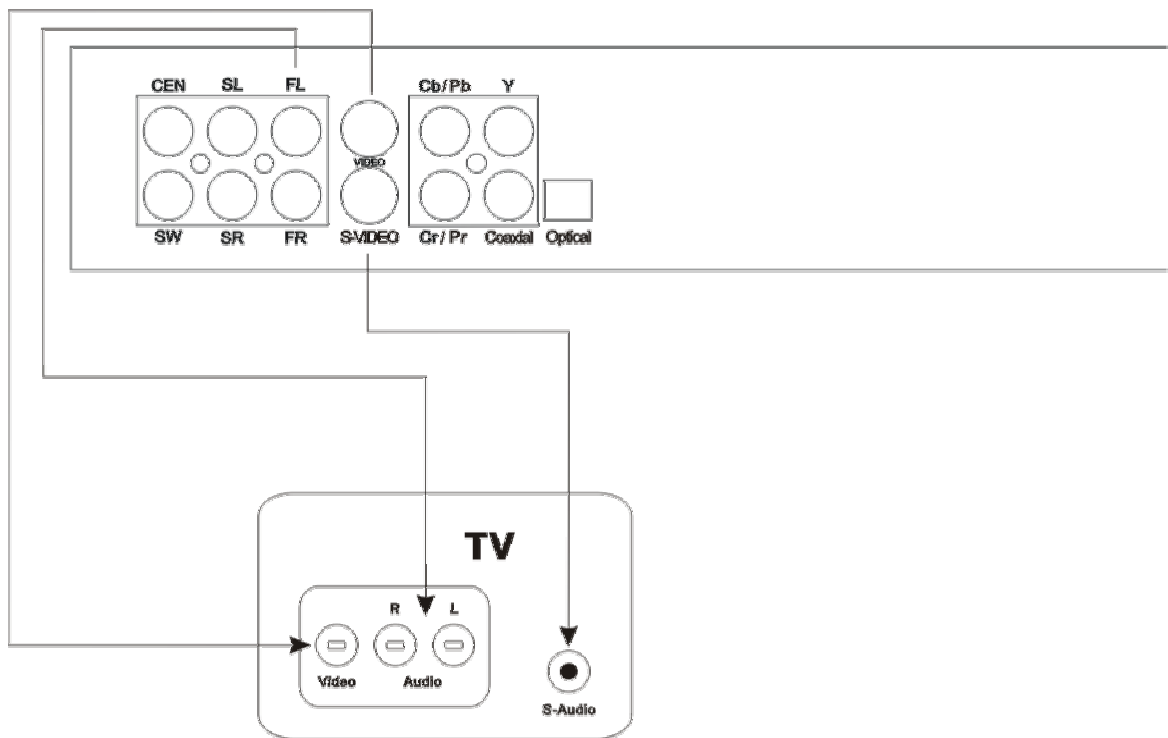
One set of AV cable is included in the Standard packing

Connects the unit's S-Video or video output (Video) to the TV's S-Video or Video input terminal (Yellow).

Connect the DVD unit's Audio (FL, FR) output to the TV's audio (L, R) input.

2. CONNECTING TO TV & STEREO AMPLIFIER

Connect the unit's S-Video or Video output to the TV's S-Video or Video input.

Connect the unit's Audio (FR / FL) output to stereo amplifier's input terminals Left (White) and Right (Red).
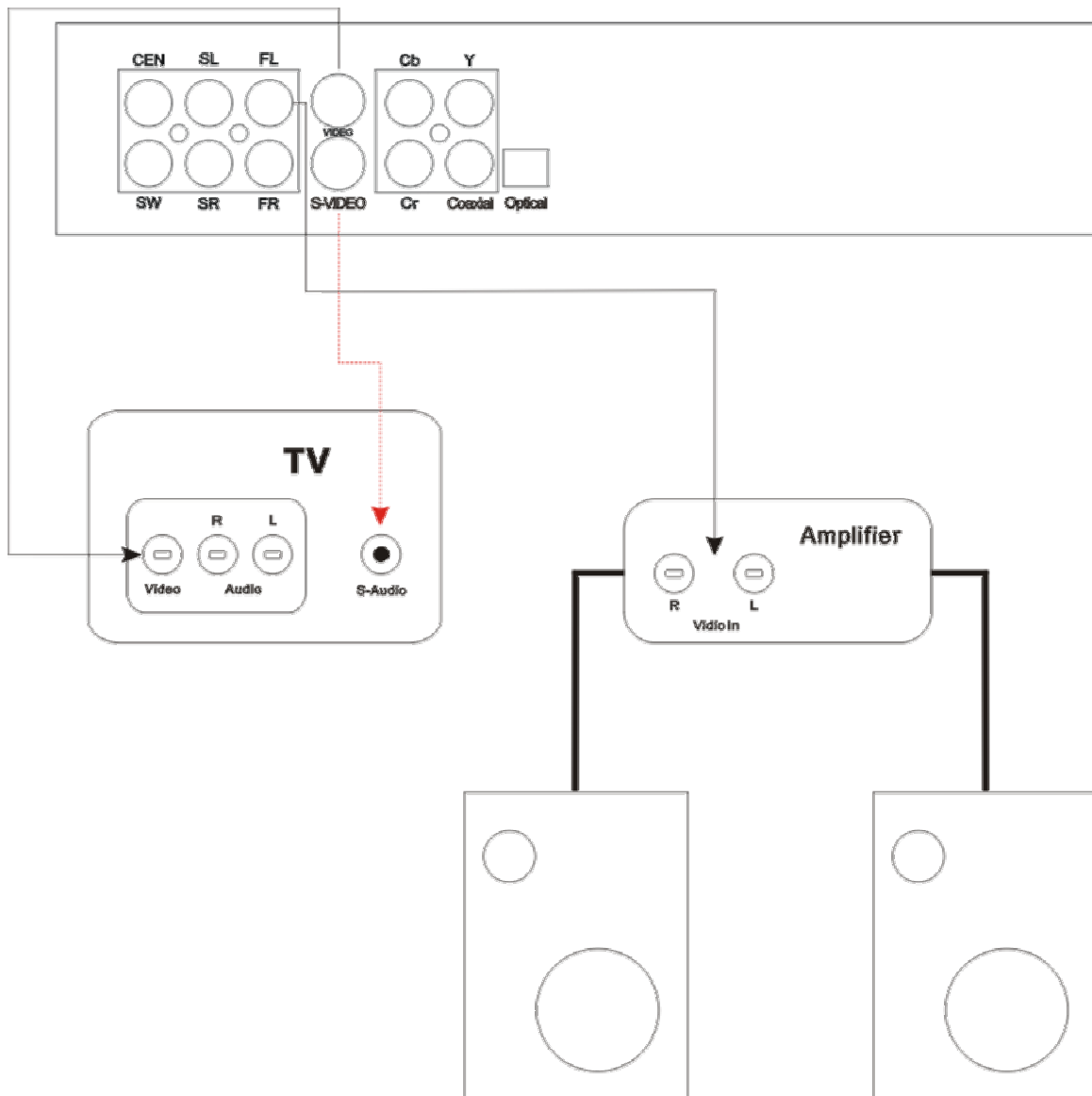
3. CONNECTING TO 5.1 CHANNELS AMPLIFIER

Connect the unit's 'S-Video' or 'Video' output to the TV's S-Video or Video input.

Connect the unit's 5.1 channels surround audio output (FL, FR, SL, SR, CEN, SW) to the 5.1 channels amplifier's audio input terminals, Front Left, Front Right, Surround Left, Surround Right, Center and Sub-Woofer.

(An amplifier with 6 channels input and output is required, AC3 decoder is NOT required.)
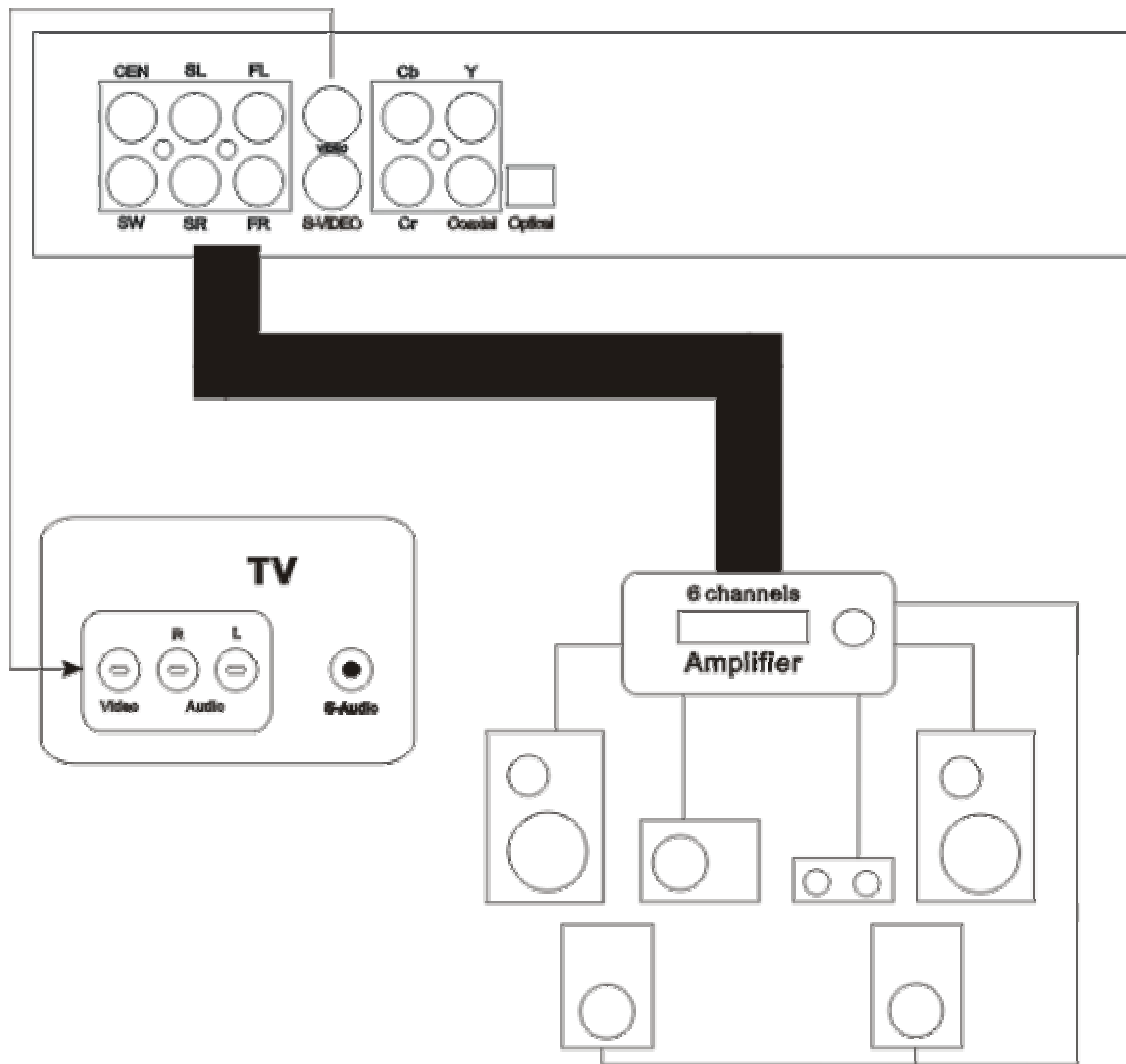
Connecting AC3/DTS digital outputs (Optical or Coaxial) to an AC3 or DTS decoding amplifier is also possible, see instruction in next page.

4. CONNECTING TO AC3 OR DTS DECODING AMPLIFIER

Connect the unit's S-Video or Video output to the TV's S-Video or Video input.

Connect the digital output (optical or coaxial) to the TV's S-Video or Video input.

Press the 'SETUP' button on the remote control to enter the unit's SETUP MENU:
Press ^ / v on the Remote Control to select AUDIO SETUP, and
Press ^ / v again to select SPDIF/RAW,
Press 'ENTER' buttons confirm the setting

CEN   SL   FL   Cb   Y

VIDEO

SW   SR   FR   S-VIDEO   Cr   Coaxial   Optical

TV

R   L

Video   Audio   S-Audio

Ac3 and/or dts
decoder build-in

Amplifier
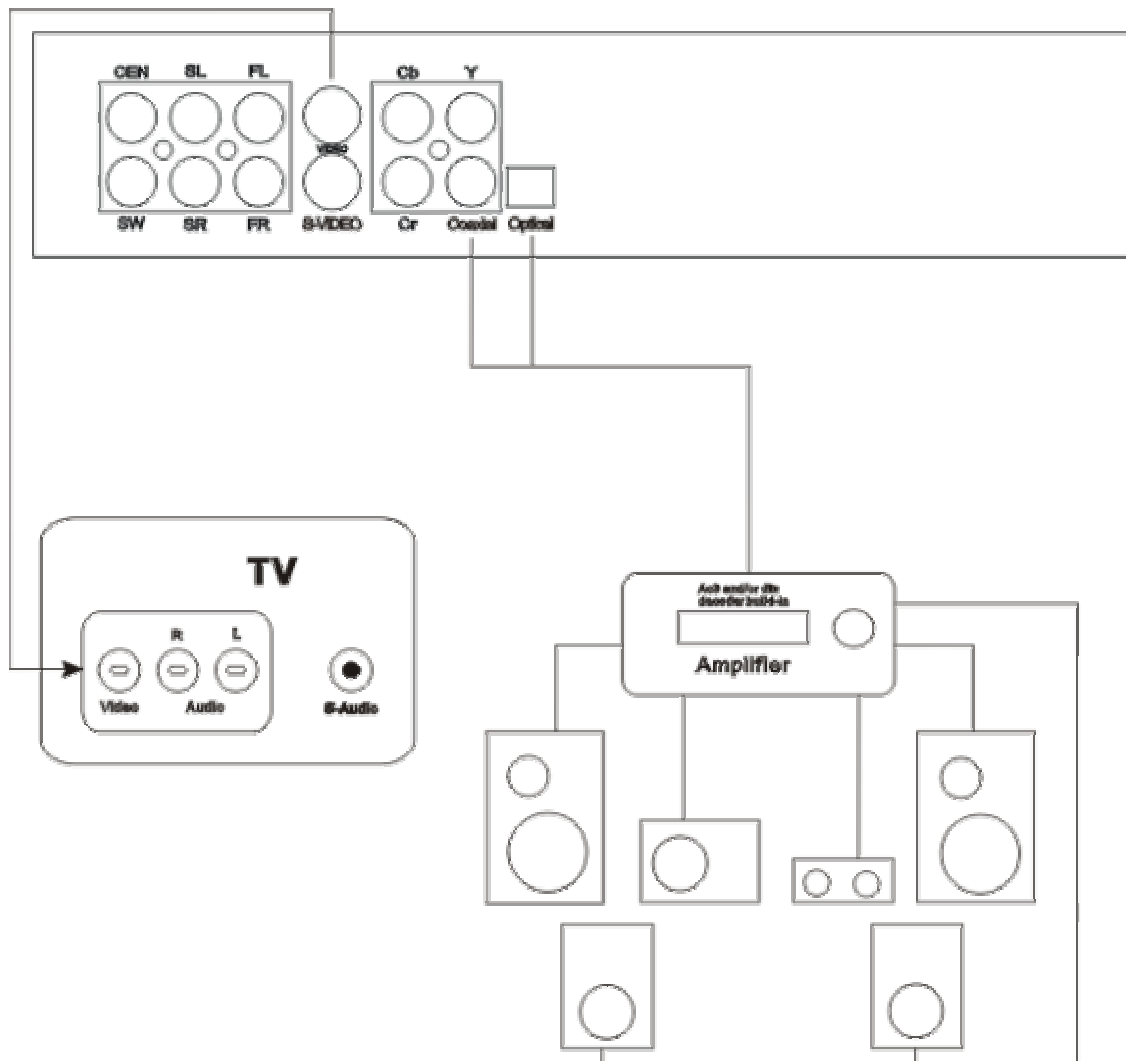
PANEL DESCRIPTION

1. FRONT PANEL
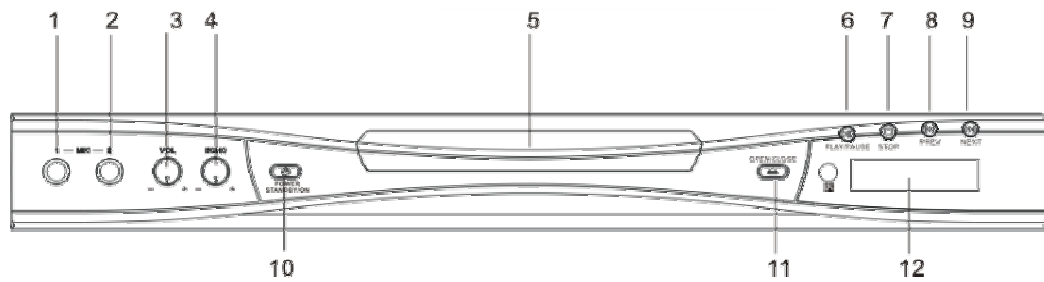
1. MIC 1
2. MIC 2
3. MIC VOLUME
4. MIC ECHO
5. DISC TRAY
6. PLAY / PAUSE
7. STOP
8. PREVIOUS
9. NEXT
10. POWER STANDBY
11. OPEN / CLOSE
12. VFD DISPLAY

The items 1-4 are Karaoke function, simply put the DVD or VCD karaoke and getting start playing, then connect the microphone into the MIC1,2 and adjust between Microphone volume and Echo volume for the best effect on sound. Please note that the Volume and MIC buttons need to be pushed so that they pop out and allow for easy tuning.

2. REAR PANEL
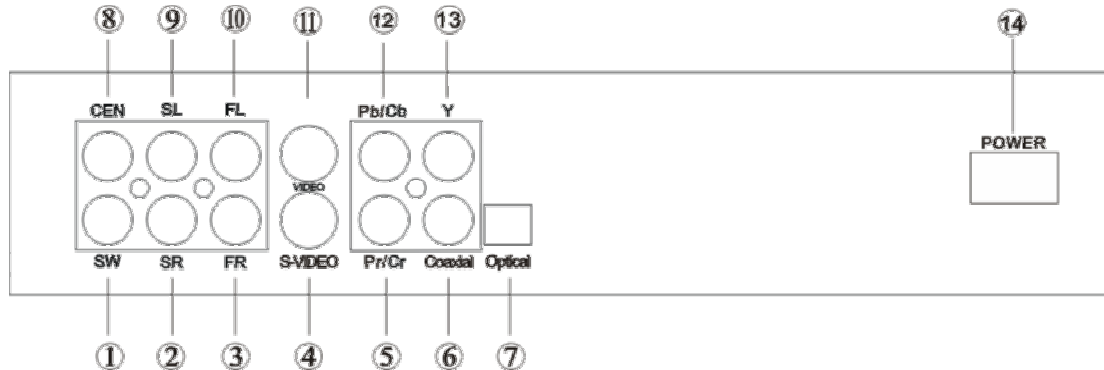
1. 5.1 channels Audio output Sub-woofer
2. 5.1 channels Audio output Surround Right
3. 5.1 channels Audio output Front Right
4. S-Video Video output
5. YPbPr Video output - Pr
6. Coaxial Digital Audio output
7. Optical Digital Audio output
8. 5.1 channels Audio output Center
9. 5.1 channels Audio output Surround Left
10. 5.1 channels Audio output Front Left
11. Video output
12. YPbPr Video output - Pb
13. YPbPr Video output – Y
14. Main Power Switch

3.REMOTE CONTROL
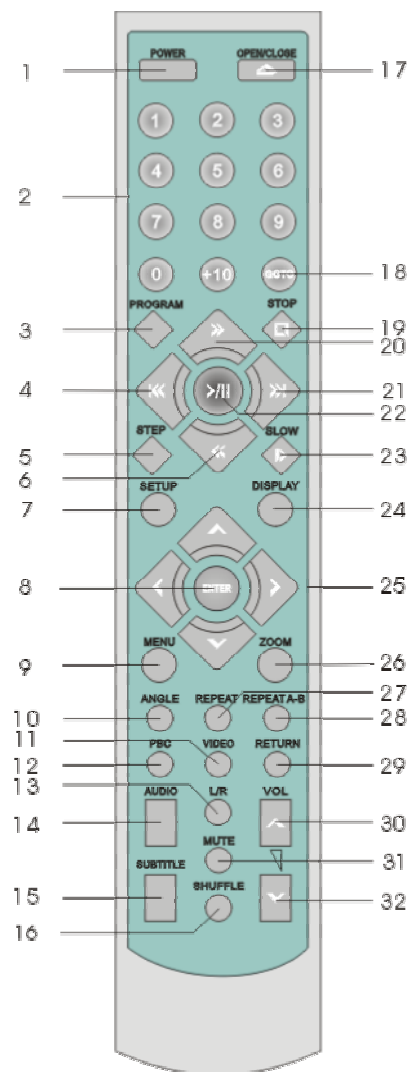
1. POWER STANDBY	17.OPEN/CLOSE
2. NUMERIC KEYS	18.GOTO
3. PROGRAM	19.STOP
4. PREVIOUS	20.SEARCH FORWARD
5. STEP	21.NEXT
6. SEARCH BACKWARD	22.PLAY/PAUSE
7. SETUP	23.SLOW
8. ENTER	24.DISPLAY
9. MENU	25.CURSOR
10.ANGLE	26.ZOOM
11.VIDEO	27.REPEAT
12.PBC	28.REPEAT A-B
13.L/R	29.RETURN
14.AUDIO	30.VOL. +
15.SUB TITLE	31.MUTE
16.SHUFFLE (RANDOM)	32.VOL. -

GETTING STARTED

- □ Read through this instruction manual.
- □ Unpack the unit.
- □ Load batteries into the remote control.
- □ Connect the unit, make sure the connections are correct.
- □ Connect the power socket to wall outlet, power on the system via switch on rear of unit.
- □ Check the setting of the unit, TV and amplifier are correct and match each other.

1. PLAY A DISC

□ **Switch on the power**
Switch on the main power switch on the unit's front panel, and switch on the TV set, and the amplifier if connected.

□ **Set the system**
Select the corresponding setting of the unit, TV set (AV or S-Video) and the amplifier, until the power on screen shows.

□ **Load a disc**
Press the "OPEN" button ▲ on the front panel or on the remote control, to open the disc tray. Load a disc into the tray and press the "OPEN" button ▲ again to close the disc tray. (Note: place the disc's label side up, blank side down.)

□ **Automatic Play**
The unit will take several seconds to read the disc data, display the disc type logo at the left upper corner of the TV screen, and start playing automatically.

(MP3 disc would take longer time to upload the data on 'Smart NAVI' Menu when loading)

□ **If a Disc Menu displayed on the screen:**
1. Press the ► button to start playing, or

2. Press ◄⇧⇩► button on the remote control to select the desired item and then press ENTER button to confirm.

□ A different kind of Disc Menu is displayed on the TV screen depending on the design and production of the disc.

The unit's TV output color is selectable to **PAL** or **NTSC**

<u>IMPORTANT</u>

If the TV set is NOT multi-video system, and the following is observed on the TV screen it could be a result of wrong color system matching with the TV set:

□ Picture is distorted

□ Picture is black and white, no color.

□ Picture is not full screen, or border part of picture bas been blocked.

The DVD Player is set to NTSC system output as default, if you are not playing in the U.S.A. or in PAL system, please change the output system of the unit by the steps below.

If the above problem happens:

1. Set the TV set's system to the proper setting, or

2. Change the DVD unit's output system setting as following:

   1. Press 'SETUP' on remote control,

   2. Go to 'PREFERENCE'

   3. Select the 'TV TYPE' MULTI, NTSC or PAL.

If the above steps DO NOT fix the problem, see TROUBLESHOOTING.

3. GENERAL SETUP

1. Pressing the SETUP button on remote control during STOP or PLAY mode to SETUP MENU.

2. Using ⇦⇧⇨⇩ Cursor to select GENERAL SETUP. Press ENTER to enter GENERAL SETUP page.

```
SETUP MENU  -   MAIN PAGE

  GENERAL SETUP
  SPEAKER SETUP
  AUDIO SETUP
  PREFERENCE

  EXIT SETUP
```

⇨

```
-- GENERAL PAGE --

  TV DISPLAY
  PIC MODE
  ANGLE MARK
  OSD LANG
  CAPTIONS
  SCR SAVER
  MAIN PAGE
```

TV DISPLAY

Using cursor to move to desired setting and
press ENTER to confirm.
NORMAL/PS – 4 x 3 Pan Scan
Full screen of picture on TV. Normally, left and
right edges cannot be shown.
NORMAL/LB – 4 x 3 Letter Box
Original ratio of aspect.
WIDE – 16 : 9 Widescreen

```
-- GENERAL PAGE --

  TV DISPLAY    ▶ NORMAL P/S
  PIC MODE        NORMAL L/B
  ANGLE MARK      WIDE
  OSD LANG
  CAPTIONS
  SCR SAVER
  MAIN PAGE
```

PIC MODE (PICTURE MODE)

```
-- GENERAL PAGE --

  TV DISPLAY
  PIC MODE    ▶ AUTO
  ANGLE MARK    FILM
  OSD LANG      VIDEO
  CAPTIONS      SMART
  SCR SAVER     SUPER SMART
  MAIN PAGE
```

This mode will depend on the type of video that you are playing.

AUTO	-	Automatically adjust to suit your recent playback
FILM	-	Film movie mode (24 Pictures film)
VIDEO	-	Video base on television mode
SMART	-	This is a good mode to use for progressive and interlaced material with limited motion.
SUPER SMART	-	Superior than Smart Mode

ANGLE MARK

```
-- GENERAL PAGE --

  TV DISPLY
  PIC MODE
  ANGLE MARK  ▶ ON
  OSD LANG      OFF
  CAPTIONS
  SCR SAVER
  MAIN PAGE
```

This feature functions only for the disc, which has ANGLE function.

❑   When the ANGLE MARK is set ON, the screen displays the mark.

❑   When the ANGLE MARK is set OFF, the mark is not displayed.

❑   After you setting ON, then you can press the Angle button to change the view angle of the screen.

OSD LANG (ON SCREEN DISPLAY LANGUAGE)

```
-- GENERAL PAGE --

TV DISPLAY
PIC MODE
ANGLE MARK
OSD LANG        ▶ ENGLISH
CAPTIONS
SCR SAVER
MAIN PAGE
```

❑   ENGLISH

CAPTIONS

```
-- GENERAL PAGE --

TV DISPLAY
PIC MODE
ANGLE MARK
OSD LANG
CAPTIONS        ▶ ON
SCR SAVER         OFF
MAIN PAGE
```
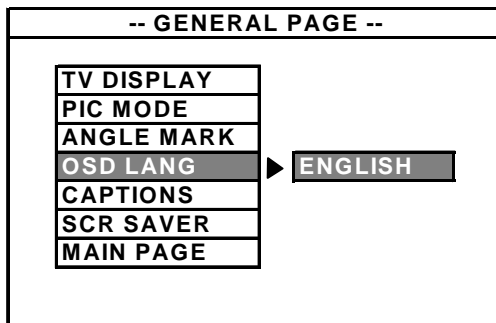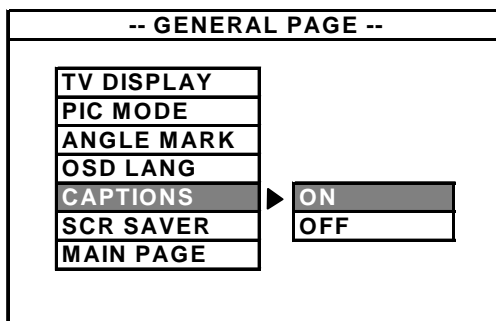
❑   The hidden subtitle is shown during ON

❑   The hidden subtitle is closed during OFF

SCR SAVER (SCREEN SAVER)

```
-- GENERAL PAGE --

TV DISPLAY
PIC MODE
ANGLE MARK
OSD LANG
CAPTIONS          ON
SCR SAVER       ▶ OFF
MAIN PAGE
```
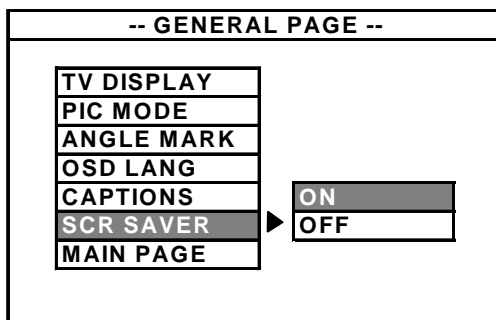
❑   When the unit is stopped, no operation, or no function button is pressed in 1 minute, screen saver appears for the purpose to protect the TV screen if SCR SAVER is set ON.

4. SPEAKER SETUP

```
SETUP MENU  -  MAIN PAGE

GENERAL SETUP
SPEAKER SETUP
AUDIO SETUP
PREFERENCE


EXIT SETUP
```

```
-- SPEAKER SETUP PAGE --

DOWNMIX      ▶  LT/RT
CENTER          STEREO
REAR            OFF
SUBWOOFER
CNTR DELAY
REAR DELAY
TEST TONE

MAIN PAGE
```
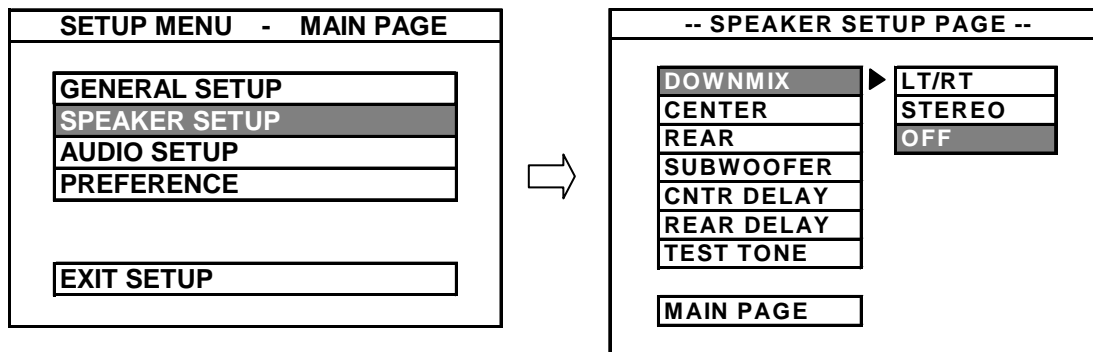
DOWNMIX

- ❑ LT/RT : Left and Right output mode (Either Left or Right channel Audio output while playing)
- ❑ STEREO : Stereo output mode
- ❑ OFF : Turn off the Downmix mode. **5.1 channels can be enabled only if Downmix is set OFF** and the rest of other speaker setup is activated.

The Selections below are only available if downmix is 'OFF'

CENTER

```
-- SPEAKER SETUP PAGE --

DOWNMIX
CENTER       ▶  ON
REAR            OFF
SUBWOOFER
CNTR DELAY
REAR DELAY
TEST TONE

MAIN PAGE
```

REAR

```
-- SPEAKER SETUP PAGE --

DOWNMIX
CENTER
REAR         ▶  ON
SUBWOOFER       OFF
CNTR DELAY
REAR DELAY
TEST TONE

MAIN PAGE
```

SUBWOOFER

```
-- SPEAKER SETUP PAGE --

DOWNMIX
CENTER
REAR
SUBWOOFER    ▶  ON
CNTR DELAY      OFF
REAR DELAY
TEST TONE

MAIN PAGE
```

CNTER DELAY

```
-- SPEAKER SETUP PAGE --

DOWNMIX
CENTER
REAR
SUBWOOFER          — | —    5MS
CNTR DELAY    ▶    — | —
REAR DELAY         — | —    3MS
TEST TONE          — | —
                   — | —    1MS
MAIN PAGE          ⊏▭⊐      OFF
```

❑ Adjust the audio delay from center channel from 0 to 5MS.

This is used in the surround sound mode, the sounds come out from center speaker will be delayed rather than real time. This delay time will depends on the distance from the center speaker to the place you receive the sound.

REAR DELAY

```
-- SPEAKER SETUP PAGE --

DOWNMIX
CENTER
REAR
SUBWOOFER          — | —   15MS
CNTR DELAY         — | —
REAR DELAY    ▶    — | —    9MS
TEST TONE          — | —
                   — | —    3MS
MAIN PAGE          ⊏▭⊐      OFF
```

❑ Adjust the audio delay from rear channel from 0 to 15MS.

This is used in the surround sound mode, the sounds come out from surround speakers will be delayed rather than real time. This delay time will depends on the distance from surround speakers to the place you receive the sound.

TEST TONE

```
-- SPEAKER SETUP PAGE --

DOWNMIX
CENTER
REAR
SUBWOOFER
CNTR DELAY
REAR DELAY        ON
TEST TONE    ▶    OFF

MAIN PAGE
```

❑ ON : open the 5.1 channel test function.
❑ OFF : turn off the 5.1 channel test function.

This function is to test the 5 speakers are working properly. The sounds will come out from the five speakers, one by one.

5. AUDIO SETUP

```
┌─────────────────────────────────┐        ┌─────────────────────────────────┐
│ SETUP MENU  -  MAIN PAGE        │        │   -- AUDIO SETUP PAGE --        │
│                                 │        │                                 │
│ ┌─────────────────────────────┐ │        │ ┌─────────────┐┌──────────────┐ │
│ │ GENERAL SETUP               │ │        │ │ SPDIF OUTPUT│▶│ OFF          │ │
│ │ SPEAKER SETUP               │ │   ▷    │ │ OP MODE     ││ SPDIF/RAW    │ │
│ │ AUDIO SETUP                 │ │        │ │ DUAL MONO   ││ SPDIF/PCM    │ │
│ │ PREFERENCE                  │ │        │ │ COMPRESSION │└──────────────┘ │
│ └─────────────────────────────┘ │        │ │ PRO LOGIC   │                 │
│ ┌─────────────────────────────┐ │        │ │ LPCM OUTPUT │                 │
│ │ EXIT SETUP                  │ │        │ └─────────────┘                 │
│ └─────────────────────────────┘ │        │ ┌─────────────┐                 │
│                                 │        │ │ MAIN PAGE   │                 │
└─────────────────────────────────┘        │ └─────────────┘                 │
                                            └─────────────────────────────────┘
```
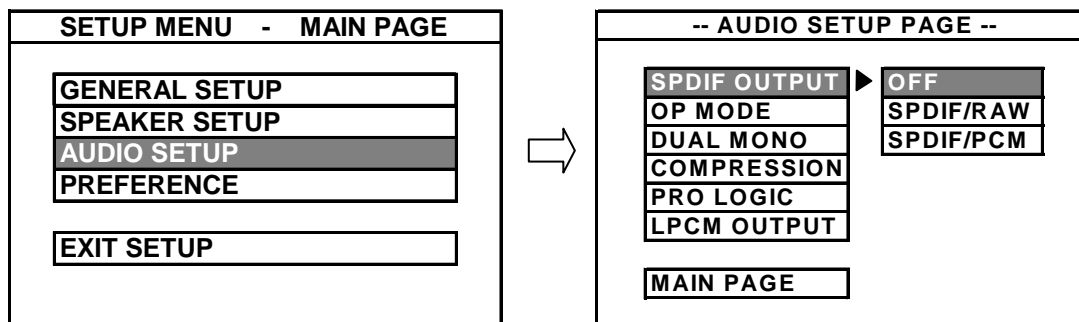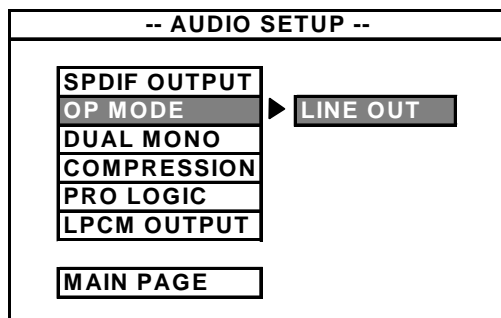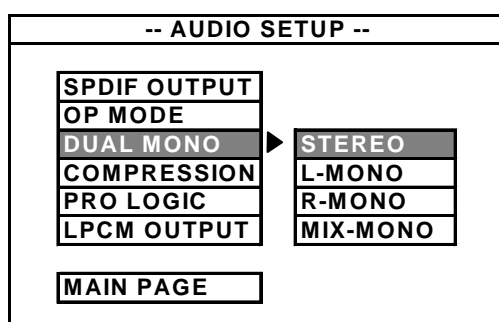
- ❑ OFF: Audio signal is out from (FL/FR) AUDIO OUT (RCA) jacks.
- ❑ SPDIF/RAW: The player is connected to a Dolby Digital amplifier through DIGITAL OUT Coaxial or Optical jack.
- ❑ SPDIF/PCM: The player is connected to a 2-channel digital mode or stereo amplifier through Coaxial or Optical jack.

OP MODE

```
┌─────────────────────────────────┐
│      -- AUDIO SETUP --           │
│                                  │
│ ┌─────────────┐                  │
│ │ SPDIF OUTPUT│                  │
│ │ OP MODE     │▶┌──────────────┐ │
│ │ DUAL MONO   │ │ LINE OUT     │ │
│ │ COMPRESSION │ └──────────────┘ │
│ │ PRO LOGIC   │                  │
│ │ LPCM OUTPUT │                  │
│ └─────────────┘                  │
│ ┌─────────────┐                  │
│ │ MAIN PAGE   │                  │
│ └─────────────┘                  │
└─────────────────────────────────┘
```

- ❑ LINE OUT: Line out mode with digital dialog normalization, compress input linear signal. It suitable to all television signal input.

DUAL MONO

```
┌─────────────────────────────────┐
│      -- AUDIO SETUP --           │
│                                  │
│ ┌─────────────┐                  │
│ │ SPDIF OUTPUT│                  │
│ │ OP MODE     │                  │
│ │ DUAL MONO   │▶┌──────────────┐ │
│ │ COMPRESSION │ │ STEREO       │ │
│ │ PRO LOGIC   │ │ L-MONO       │ │
│ │ LPCM OUTPUT │ │ R-MONO       │ │
│ └─────────────┘ │ MIX-MONO     │ │
│ ┌─────────────┐ └──────────────┘ │
│ │ MAIN PAGE   │                  │
│ └─────────────┘                  │
└─────────────────────────────────┘
```

- ❑ Output mode of the L/R signals. Mix-mono can be functioned only if the DVD is playing in 5.1 channels.
  If your amplifier has Dolby digital output mode, you may choose STEREO, L-MONO, R-MONO, and MIX-MONO for decoding method

COMPRESSION

```
-- AUDIO SETUP --

SPDIF OUTPUT        ┌─┐  FULL
OP MODE             -   -
DUAL MONO           -   -  6/8
COMPRESSION  ▶      -   -
PRO LOGIC           -   -  4/8
LPCM OUTPUT         -   -
                    -   -  2/8
MAIN PAGE           -   -  OFF
```

❑ To adjust linear compression rate to obtain the different compression results of the signals only if the OP MODE is set to LINE OUT.

❑ The data from '2/8 to Full' that will reflect the "dynamic range" compress of Dolby sounds output.

PRO LOGIC

```
-- AUDIO SETUP --

SPDIF OUTPUT
OP MODE
DUAL MONO
COMPRESSION
PRO LOGIC  ▶   OFF
LPCM OUTPUT    ON
               AUTO
MAIN PAGE
```

❑ To select Dolby Prologic Surround mode.

LPCM OUTPUT

```
-- AUDIO SETUP --

SPDIF OUTPUT
OP MODE
DUAL MONO
COMPRESSION
PRO LOGIC
LPCM OUTPUT  ▶  LPCM  48K
                LPCM  96K
MAIN PAGE
```

❑ To select LPCM output at 48K or 96K.
It is the Audio output signals (Kb/s). If the Audio media you play is the high quality music (e.g. HDCD), you can choose 96K playback.

6. PREFERENCE

```
SETUP MENU  -   MAIN PAGE

  GENERAL SETUP
  SPEAKER SETUP
  AUDIO SETUP
  PREFERENCE

  EXIT SETUP
```

⟹

```
-- PREFERENCE PAGE --

  TV TYPE
  VIDEO OUTPUT
  AUDIO
  SUBTITLE
  DISC MENU
  LOCALE
  PARENTAL
  PASSWORD
        ▼
```

TV TYPE

```
-- PREFERENCE PAGE --

    TV TYPE      ▶  MULTI
    VIDEO OUTPUT    NTSC
    AUDIO           PAL
    SUBTITLE
    DISC MENU
    LOCALE
    PARENTAL
        ▼
```

VIDEO OUTPUT SELECTION

```
-- PREFERENCE PAGE --

    TV TYPE         S-VIDEO
    VIDEO OUTPUT ▶  YPbPr
    AUDIO           RGB
    SUBTITLE
    DISC MENU
    LOCALE
    PARENTAL
        ▼
```

LANGUAGE SELECTION

```
-- PREFERENCE PAGE --

    TV TYPE
    VIDEO OUTPUT
    AUDIO       ▶   ENGLISH
    SUBTITLE        FRENCH
    DISC MENU       SPANISH
    LOCALE          CHINESE
    PARENTAL        JAPANESE
        ▼
```

```
-- PREFERENCE PAGE --

    TV TYPE
    VIDEO OUTPUT    ENGLISH
    AUDIO           FRENCH
    SUBTITLE    ▶   SPANISH
    DISC MENU       CHINESE
    LOCALE          JAPANESE
    PARENTAL        OFF
        ▼
```

```
-- PREFERENCE PAGE --

    TV TYPE
    VIDEO OUTPUT
    AUDIO           ENGLISH
    SUBTITLE        FRENCH
    DISC MENU   ▶   SPANISH
    LOCALE          CHINESE
    PARENTAL        JAPANESE
        ▼
```

```
-- PREFERENCE PAGE --

    TV TYPE         CHINA
    VIDEO OUTPUT    FRANCE
    AUDIO           HONG KONG
    SUBTITLE        JAPAN
    DISC MENU       TAIWAN
    LOCALE      ▶   GBR
    PARENTAL        USA
        ▼
```

PARENTAL CONTROL

```
------ PREFERENCE PAGE ------
 TV TYPE              1 G
 VIDEO OUTPUT         2
 AUDIO                3 PG
 SUBTITLE             4 PG 13
 DISC MENU            5
 LOCALE               6 PG-R
 PARENTAL      ▶      7 NC-17
 PASSWORD             8 ADULT
        ▼                 ▼
```

❑   To select an age control grade according to the grade of the disc and your desired. The disc cannot be played for the rate higher than the grade set.

❑   Go to the PASSWORD VERIFY PAGE to input password after selection of Parental grade.

PASSWORD SETTING

```
------ PREFERENCE PAGE ------
 TV TYPE
 VIDEO OUTPUT
 AUDIO
 SUBTITLE
 DISC MENU
 LOCALE
 PARENTAL
 PASSWORD      ▶   CHANGE
        ▼
```

⇨

```
-- PASSWORD CHANGE PAGE --

 OLD PASSWORD   [        ]
 NEW PASSWORD   [        ]
 CONFIRM PWD    [        ]
```

❑   **The <u>default</u> setting of password is 3308**.

DEFAULTS

```
------ PREFERENCE PAGE ------
 VIDEO OUTPUT
 AUDIO
 SUBTITLE
 DISC MENU
 LOCALE
 PARENTAL
 PASSWORD
 DEFLAUTS      ▶   RESET
        ▼
```

❑   To reset the settings to factory setting.

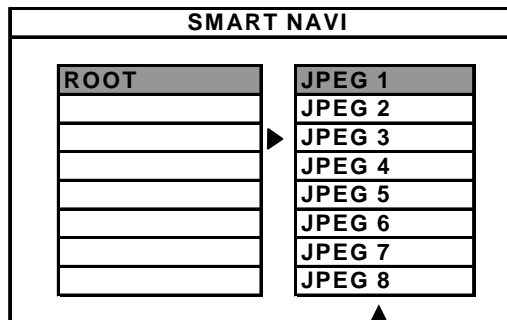❑   PREFERENCE can be selected only if the Password mode is set OFF and in STOP mode.

SMART NAVI

```
------ PREFERENCE PAGE ------
        ▲
 AUDIO
 SUBTITLE
 DISC MENU
 LOCALE
 PARENTAL
 PASSWORD
 DEFLAUTS          NO MENU
 SMART NAVI   ▶    WITH MENU
```

❑   To select the display with MENU for playing MP3 and PHOTO CD (JPEG).
The details and uses of 'SMART NAVI' will be shown in next page.

JPEG, MP3 & DivX Format

When disc with JPEG, MP3 and DivX Format is placed in the machine, one of the following screens will appear. The column 'Root' in the left of the SMART NAVI is showing the directory of the disc ;
The column in the right will show the files under the directory that you choose.

JPEG Format

```
                    SMART NAVI

      ROOT               JPEG 1
                         JPEG 2
                      ▶  JPEG 3
                         JPEG 4
                         JPEG 5
                         JPEG 6
                         JPEG 7
                         JPEG 8

```

JPEG Files listing

Press ⬄ to select the „ROOT" on the left columns & the „FILE" on the right side, press „ENTER"/"PLAY" to view the JPEG PHOTOS. Then press "STOP" to go back to the menu of "SMART NAVI".
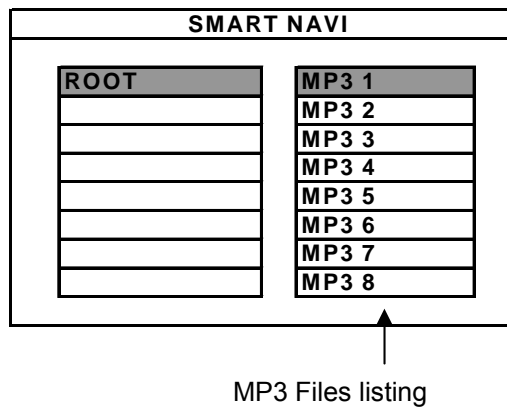
FUNCTION KEYS

Zoom   Press the "ZOOM" Button, then the screen will show "ZOOM ON", and press ▶▶ ◀◀ Icons to "zoom in" or "zoom out".

Rotate   Press ⬄ to rotate the picture

Next/   Press ▶▶| |◀◀ to the next or previous pictures.
Previous

Menu   Press "Menu" to preview the photos.

MP3 Format

```
                  SMART NAVI
  ┌──────────────────────────────────────────┐
  │  ┌──────────────┐    ┌──────────────┐    │
  │  │ ROOT         │    │ MP3 1        │    │
  │  ├──────────────┤    ├──────────────┤    │
  │  │              │    │ MP3 2        │    │
  │  ├──────────────┤    ├──────────────┤    │
  │  │              │    │ MP3 3        │    │
  │  ├──────────────┤    ├──────────────┤    │
  │  │              │    │ MP3 4        │    │
  │  ├──────────────┤    ├──────────────┤    │
  │  │              │    │ MP3 5        │    │
  │  ├──────────────┤    ├──────────────┤    │
  │  │              │    │ MP3 6        │    │
  │  ├──────────────┤    ├──────────────┤    │
  │  │              │    │ MP3 7        │    │
  │  ├──────────────┤    ├──────────────┤    │
  │  │              │    │ MP3 8        │    │
  │  └──────────────┘    └──────────────┘    │
  │                             ▲             │
  └─────────────────────────────┼────────────┘
                           MP3 Files listing
```

Press ⬄ to select the "ROOT" on the left columns & the "FILE" on the right side, press "ENTER"/"PLAY" to play the MP3 Music. Then press "STOP" stop playing and go back to the menu of "SMART NAVI".

FUNCTION KEYS

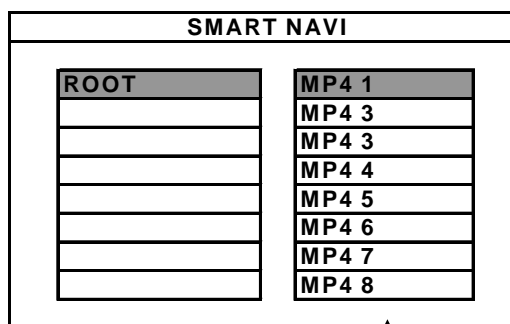|	
Forward/ Backward	Press the ▶▶ ◀◀ icons to playing fast forward ans fast backward.
Next/ Previous	Press ▶▶❘ ❘◀◀ to the next or previous songs.
Mute	Press "MUTE" button to turn the audio off. Press it again to resume.
Pause	Press ▶❚❚ to pause play & press again to resume.

DivX/MPEG4 FORMAT

```
┌─────────────────────────────────────┐
│            SMART NAVI                 │
│                                       │
│  ┌──────────────┐  ┌──────────────┐  │
│  │ ROOT         │  │ MP4 1        │  │
│  ├──────────────┤  ├──────────────┤  │
│  │              │  │ MP4 3        │  │
│  ├──────────────┤  ├──────────────┤  │
│  │              │  │ MP4 3        │  │
│  ├──────────────┤  ├──────────────┤  │
│  │              │  │ MP4 4        │  │
│  ├──────────────┤  ├──────────────┤  │
│  │              │  │ MP4 5        │  │
│  ├──────────────┤  ├──────────────┤  │
│  │              │  │ MP4 6        │  │
│  ├──────────────┤  ├──────────────┤  │
│  │              │  │ MP4 7        │  │
│  ├──────────────┤  ├──────────────┤  │
│  │              │  │ MP4 8        │  │
│  └──────────────┘  └──────────────┘  │
│                          ↑            │
└─────────────────────────────────────┘
```

DivX/MPEG4 Files listing

Press ⬄ to select the "ROOT" on the left columns & the "FILE" on the right side, press "ENTER"/"PLAY" to play the DivX. Then press "STOP" stop playing and go back to the menu of "SMART NAVI".

FUNCTION KEYS

Forward/ **Backward**	Press the ▶▶ ◀◀ icons to playing fast forward and fast backward. Continuously pressing and back to normal.
Next/ **Previous**	Press ▶▶❘ ❘◀◀ to the next or previous chapter or files.
Mute	Press "MUTE" button to turn the audio off. Press it again to resume.
Pause	Press ▶❙❙ to pause playing & press again to resume.
Slow	Press "SLOW" and playback of slow motion. Please "Play" to resume it.
Step	Keep pressing the "STEP" button repeatedly to play frame by frame.
GoTo	Search the chapter and time you want. For functions please refer to "Function Buttons" in the manual.

BASIC OPERATION

Function Key	Description

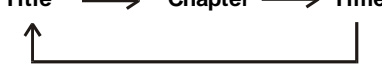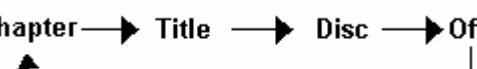|	
POWER	**POWER STANDBY ON / OFF** (Always Switch Off the Main Power in the back of the unit if you don't plan to use the player for a long period of time)
⏏ **OPEN**	**OPEN / CLOSE DISC TRAY** If you open the disc tray when a DVD is playing (do not press the STOP button ■), the unit will memorize the stopping position. When the same disc is loaded again, the unit will continue playing from the position that it stopped. (If another disc has been loaded, the last memory will be cleared)
▶❙❙ **PLAY/PAUSE**	**PLAY – NORMAL** **PAUSE** Pause the unit from playing temporarily Press ▶ button to resume normal PLAY.
▶▶ ◀◀	**SEARCH FORWARD** **SEARCH BACKWARD** Repeat pressing the SEARCH button on the remote or turning the SEARCH switch on the unit to change the SEARCH speed or back to normal PLAY. Press ▶ button to resume normal PLAY.

Function Key	Description

▶▶� ◀◀	**SKIP FORWARD** **SKIP BACKWARD** Skip to the next or previous chapter / track.
■	**STOP / PRE-STOP** Press ■ once to stop the unit, memorizing the stopping position. a. Press ▶ to continue playing from the position that it stopped ▶■ ⟶ ▶ b. Press ■ again to completely STOP the unit. ▶■ ⟶ ■

FUNCTION BUTTONS

Function Key	Description

DISPLAY	**MENU BAR ON SCREEN DISPLAY** Activate the Menu Bar On Screen Display, displaying the current status. Repeat pressing the button to activate the first page, the second page of Menu and clear the Menu display.
PBC	**PLAYBACK CONTROL (only for VCD playback)** When it is set to 'ON', there will be a 'Play list' on the screen for title choosing When it is turn to 'OFF', the VCD will be playing automatically after you insert the Disc.
ENTER	**CONFIRM AN ENTRY** Confirm a setting entry in the Unit / Disc's Function Menu
SHUFFLE	Random play
⇦ ⇧ ⇨ ⇩	**CURSOR** Press the buttons moving UP, DOWN, LEFT, RIGHT in the Unit / Disc's Function Menu
RETURN	**RETURN TO THE MAIN MENU WHILE PLAYING VCD**
NUMERIC KEYS	**PROGRAM NUMBER ACCESS** Input one to two digits CHAPTER / TRACK number, press ENTER button to start the selected CHAPTER / TRACK

Function Key	Description

GOTO	**GOTO SEARCH** Press the button to enter the SEARCH mode, to select playing at a desired section. The Menu Bar display as follow: TITLE 01 / 20 CHAPTER 01 / 010 **DVD mode** Pressing the CURSOR button to select search mode, Title, Chapter and Time modes: Title ⟶ Chapter ⟶ Time **Other disc types mode** Pressing the CURSOR button to select search mode, Track and Time modes: Track ⟶ Time
REPEAT	**REPEAT PLAYBACK** **CHAPTER / TITLE (TRACK / DISC)** Repeat playing a selected CHAPTER /TITLE of DVD disc, or TRACK / DISC of other disc types. **DVD mode** Repeat pressing the button to select REPEAT mode, CHAPTER / TITLE: Chapter ⟶ Title ⟶ Disc ⟶ Off **Other disc types mode** Repeat pressing the button to select REPEAT mode, TRACK / DISC: Track ⟶ Disc ⟶ Off **NOTE : PBC must be set OFF** To clear the menu bar, press DISPLAY button

Function Key	Description

A – B	**REPEAT SECTION A → B** Repeat playing back a selected section A → B **A → Start** Press the button at the beginning of the desired section, A **→ B End** Press the button at the end of the desired section, B **Cancel the setting** Press the button again to switch Off the setting, back to normal play To clear the menu bar display, press DISPLAY button

PROG	**PROGRAM SETTING**
	
	Programming a disc playing (VCD, DVD and MP3) in a desired sequence.
	
	The unit memorizes a disc program setting, and recognizes a memorized disc program automatically when the disc is loaded.
	
	1. Playback a Program
	
	Press PLAY button after setting the program.
	
	2. Set a Program:
	
	Press PROG button and numeric keys to select track and press ENTER button, the track will be programmed.
	
	PROGRAM P 00 : 00
	                     Title number
	          Program order
	
	For example :
	
	Press 2 → P 01 : 02 then
	Press 5 → P 02 : 05 then
	Press 1 → P 03 : 01
	
	NOTE: DVD CANNOT BE PROGRAMMED

MENU	**DISC MAIN MENU** Stop the unit, back to the disc Menu or beginning of disc

Function Key	Description

MUTE	**TURN OFF THE VOLUME**
ZOOM	**ZOOM PICTURE** Enlarge the picture to 4 times In the ZOOM mode, press ⇦⇧⇨⇩ to adjust the position of zooming position.
SLOW The unit is Muted when slow is pushed	**SLOW MOTION** Repeat pressing the button to change the SLOW motion speeds or back to normal PLAY mode
STEP	**TO PLAY THE DISC AT STEP MODE**
TITLE	**GO TO DVD DISC TITLE MENU (DVD DISC ONLY)**
SUB TITLE	**SUB TITLE LANGAGE** Press SUBTITLE button to switch the subtitle language
ANGLE	**VIEW ANGLE** Repeat pressing the button to select different VIEW ANGLES available from DVD disc
AUDIO	**DVD AUDIO TRACK** Repeat pressing the button to select up to 8 dialogues available from DVD disc

Function Key	Description
L/R	**TO CHANGE THE AUDIO TRACK**
SETUP	**GO TO SETUP MENU**
VIDEO	**VIDEO SYSTEM SELECTION (NTSC/PAL)** **(For Progressive Scan Model)** **PROGRESSIVE SCAN TV AND INTERLACED TV SELECTION**
− +	**Press "+" and "-" to increase or decrease the audio volume.**

TROUBLESHOOTING

When having a problem with this unit, check this list for a possible solution before asking for service:

Symptom	Check and Action
No Power	1. Check the power cord has been properly connected to the wall outlet 2. Check the main power has been switched on in back of unit.
Does not play	1. No disc, load a disc 2. Disc has been loaded upside down. Place the disc with the label side up 3. Disc's region code does not match to the unit 4. Disc is not correct type to be played 5. Disc is damaged or dirty, clean the disc or try another disc 6. Moisture may be condensed inside the unit. Remove the disc and leave the unit power on for one or two hours
No Picture	1. Check the TV set has been powered on, and setting at the correct AV mode 2. Check the system connection is secure 3. Check if the connection cables are damaged 4. Clean the disc
Picture noise / distorted	1. Disc is dirty or damaged. Clean the disc or try another disc 2. Reset the color system of the DVD unit or the TV set 3. Try to direct the DVD unit to the TV set instead of via the components like VCR.
Picture not full screen	1. Select the screen format. Enter SETUP MENU → (TV DISPLAY) 2. Select the screen format from DVD disc menu
Cannot SKIP or SEARCH	1. Some disc are programmed that do not allow users to SKIP or SEARCH forward at some sections, especially at the beginning WARNING section 2. Single Chapter disc cannot apply SKIP function
No sound or Sound output not complete	1. Check the TV and amplifier has been powered on and correctly set 2. Check the TV and amplifier system connections are secure 3. Press AUDIO button select other audio tracks output of disc 4. Check if the MUTE function of the DVD, TV or amplifier has be activated 5. There will be no sound output during REVERSE PLAY / PAUSE / STEP / SLOW / SEARCH

Symptom	Check and Action
No surround sound	1. Check if the audio output has been changed to Analog.
MP3 disc no sound or noise	1. When program files or other data files mixed with MP3 files in the same disc, the unit may play the non-MP3 files with noise or no sound 2. Check the disc, if all the files on disc are MP3 files 3. Skip the file, or try the other file
Remote control does no function	1. Remove the obstacles between the remote and the unit 2. Point the remote at the remote sensor on the unit 3. Check the batteries of the remote control had been loaded with correct polarities 4. Replace the batteries of the remote control

SPECIFICATION

Type of Disc	DVD DVD-R / DVD-RW DVD+R / DVD+RW DIVX Version 3.11 / 4.xx / 5.xx CD-DA CD MP3 CD-R / CD-RW PHOTO CD (JPEG)
Video Format	MPEG 1, MPEG 2, MPEG 4
Audio Format	MPEG 1, LAYER 1, LAYER 2
Signal Output	Color System : NTSC / PAL Audio System : AC3 decoded 5.1 channels output / digital output / DTS digital output Video Output : 1Vpp (at 75 ohm) Audio Output : (Stereo): 2Vpp Audio Output : (5.1 channels): 0.5Vpp
Frequency Response	CD: 4Hz – 20KHz (EIAT) DVD: 4Hz – 22KHz (48K) 4Hz – 44KHz (96K)
S/N ratio	> 92Db
THD	<0.04%
Output Terminals	S-Video output X 1 AC3 5.1 channel X 1 Optical digital output X 1 Coaxial digital output X 1 YCbCr / YPbPr output X 1
Power input	110 - 240VAC 50Hz/60Hz 25W
Dimension	Body size : W430 X D260 X H48 mm Packing size : W520 X D335 X H93 mm G.W. : 3.7Kg

CUSTOMER SUPPORT AND WARRANTY

1. CUSTOMER SUPPORT

For installation, usage and repair assistance for both the Warranty and Post Warranty periods, go to www.avayon.com/support to access customer support.

2. WARRANTY

AVAYON Technologies Inc.'s
DVD/DivX Player One-Year Limited Warranty

**BEFORE YOU CONTACT *AVAYON* FOR WARRANTY SUPPORT,
READ YOUR USER MANUAL**

Players purchased from *AVAYON* in the United States are warranted to be free from defects in materials or workmanship for a period of one (1) year ("Warranty Period") from the date of their original retail purchase ("Effective Date"). If the unit fails to conform to this warranty, *AVAYON* will repair the Player using new or refurbished parts or replace the entire Player with a new or refurbished Player.

TO ENSURE WARRANTY SERVICE, KEEP THE DATED SALES RECEIPT AS EVIDENCE OF THE PURCHASE DATE. Also, be sure to register for warranty either through returning the completed mail-in card found in the shipment box or on line at
www.ayayon.com/support

To obtain warranty service in the U. S., you must also go to www.avayon.com/support and access customer support. You will be required to provide the model, serial number and date of purchase.

AVAYON retains the right to assess all warranty claims and to determine if damages are covered by this warranty. In case of a claim that is not covered by the warranty, you will be contacted to determine if *AVAYON* should repair the damage for a fee or if the product should be returned to you as received by the service center.

During a period of ninety (90) days from the Effective Date, *AVAYON* will provide service labor to repair a manufacturing defect at its designated service center at no charge to you. If a defective part is replaced after ninety (90) days from the Effective Date, you pay labor charges for the repair.

For one (1) year from the Effective Date, *AVAYON* will use new or refurbished parts for repairs. Such replacement parts are warranted for the remaining portion of the original Warranty Period.

During the Warranty Period, *AVAYON* will, at its option and sole discretion, repair or replace defective parts, including replacement of the entire Player. You will be required to ship the unit to the service center indicated at the time you contact *AVAYON* customer service for warranty support. You are responsible for all transportation charges to and from the service center and for all loss or damage during transport. *AVAYON* is not responsible for the de-installation or re-installation of the player.

NOT COVERED BY THIS ONE-YEAR LIMITED WARRANTY

This warranty does not cover defects, malfunctions or failures resulting from shipping or transit accidents, abuse, misuse, operation contrary to furnished instructions, operation on incorrect power supplies, operation with faulty associated equipment, modification, alteration, improper servicing from anyone other than an *AVAYON* authorized service center, tampering, normal wear and tear, if the serial number has been removed/defaced or deterioration of the external cabinet.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE PERIOD OF TIME SET FORTH ABOVE. *AVAYON*'S LIABILITY FOR ANY AND ALL LOSSES AND DAMAGES RESULTING FROM ANY CAUSE WHATSOEVER, INCLUDING OUR NEGLIGENCE, ALLEGED DAMAGE OR DEFECTIVE GOODS, WHETHER SUCH DEFECTS ARE DISCOVERABLE OR LATENT, SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PLAYER. WE SHALL NOT BE RESPONSIBLE FOR LOSS OF USE, COMMERCIAL LOSS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES.