

DMTECH

Micro System CD/ DVD/ TV/ DVB-T
DM-DT8502

Instruction Manual



IMPORTANT-- SAFETY INFORMATION

CAUTION: Is it important that you read and follow all of the instructions in this booklet and any marked on the unit itself. Retain this booklet for future reference.

Accessories--- Never place this product on an unstable platform, stand, cart, wall mount, shelf, or table. The product may fall, causing serious personal injury to persons and pets, as well as seriously damaging the product.

Any mounting of the product should follow the manufacturer's instructions, and use a mounting accessory recommended by the manufacturer. This unit while positioned on some type of cart must be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

Attachments--- Use only approved attachment as they may cause hazards.

Cleaning--- Always unplug this unit from the wall electrical outlet before cleaning. Do not use liquid or aerosol cleaners; use a damp cloth for cleaning.

Lightning--- For added product protection during a lightning storm or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and/or disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

Object and Liquid Entry--- Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on or into the product.

Outdoor Antenna Grounding--- If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide protection against voltage surges and built-up static charges.

Overloading--- Do not overload wall outlets, extension cords, or integral convenience receptacles, as this may result in a fire or electric shock.

Power - Cord Protection - Power - supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

Power Lines--- An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Power Sources--- This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions. This DVD home theater operates on AC 230V/50Hz. Do not turn off unit immediately after turning on; wait at least 10 seconds.

Replacement Parts--- If replacement parts are required, be sure the service technician has used approved replacement parts or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

Safety Check--- Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

Servicing--- Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

TV System--- This unit is compatible with television sets featuring either the NTSC or PAL color system.

Ventilation--- Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation and protection from overheating. These openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided. Never place this product near a heat source, such as heat registers, stoves, radiators, or any other product that produces heat.

Water and Moisture--- Do not use this product near sources of water and moisture, such as bath tub, wash bowl, kitchen sink, or wash machine; in a wet, damp basement; or near a swimming pool or similar locations. If moisture condensation occurs, remove any disc, connect the unit's power cord to a wall outlet, turn the unit on, and leave it on for two to three hours. By then, the unit will warm up and moisture would evaporate.

PRECAUTIONS

A lightning bolt with an arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



WARNING: TO AVOID THE DANGER OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO WATER OR MOISTURE. NEVER OPEN THE CABINET, AS DANGEROUS HIGH VOLTAGE IS CONTAINED INSIDE. ONLY A QUALIFIED SERVICE TECHNICIAN SHOULD ATTEMPT TO OPEN THE CABINET.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT INTO ELECTRICAL SOCKET.

CAUTION: This DVD receiver unit employs a laser system. To prevent direct exposure to the laser beam, do not open the enclosure. Visible laser radiation is present when enclosure is open. DO NOT STARE INTO BEAM. Additionally, the use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service centre.

PROTECT YOURSELF!

Record the model and serial numbers for this unit while it is easy to see them. These numbers are located on the back of the unit's cabinet. Retain this information for future reference.

Model Number _____

Serial No. _____

Retain this information for future reference.



CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE IS NO SERVICEABLE PART INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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ABOUT YOUR DVD PLAYER

The following will help you get the most enjoyment from your DVD receiver system.

BEST LOCATION

The unit should be placed on a firm, flat surface, away from VCRs, stereos, radios, or large speakers, as the magnetic flux from these devices may cause distortion in the sound and a poor picture. If placed in a cabinet, be sure there is at least "1" of free space completely around the unit for proper ventilation.

TO OBTAIN A CLEAR PICTURE

A DVD receiver is a precision device. If the optical pick-up lens and disc drive parts become dirty or worn down, picture quality will become poor. Store DVD player in a clean dust free environment.

DIGITAL AUDIO OUTPUT

The unit's coaxial output capability enables you to connect an external six-channel AV amplifier and processor with built-in Dolby Digital code with just one cord. This enables you to conveniently enjoy different DVD, CD, and Mp3 discs.

ANALOG AUDIO OUTPUT

Speaker system plug-and-play convenience through the built-in downmix 2-channel power amplifier eliminates the use of an external power amplifier.

LASER-HEAD OVER-CURRENT PROTECTION SYSTEM

To extend the service life of the laser head, the unit includes a unique laser-head over-current protection system, ensuring a constant laser current.

USE OF DISCS

This page contains valuable information regarding the handling, cleaning, and storage of discs played in this unit.

Handling

- Do not touch the playback side of the disc.
- Do not attach paper or tape to discs.
- Do not stick or write anything on the surface. Protect against fingerprints.
- Always hold a disc by the center and edge portions.

Cleaning

- Fingerprints and dirt on the disc may cause picture and/or sound deterioration. Wipe the disc from the center outward with a soft cloth. Always keep the disc clean.
- If you cannot wipe the dirt off, lightly use a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvent such as: Paint thinner, benzene, commercially available cleaners or anti-static spray for vinyl LPs.

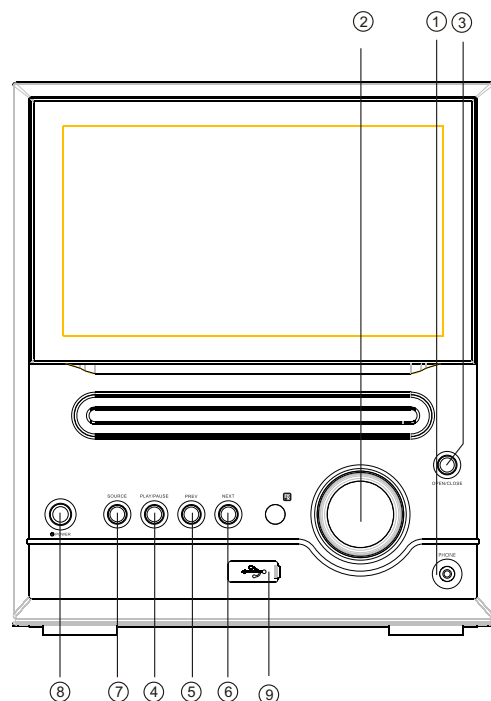
Storing

- Do not store discs in places subject to direct sunlight or near heat sources.
- Do not store discs in places subject to moisture and dust.
- Store discs vertically in a case. Stacking or placing objects on discs outside of their case may cause warping.

NOTE: This DVD is not responsible for damage that may occur to any disc that is operated in this unit or not handled, cleaned, or stored as suggested above.

FRONT AND BACK PANELS

Front Panel Functions



1. PHONE

2. VOLUME

Use this button to control the unit's volume. It controls all channels simultaneously.

3. ▲ OPEN/CLOSE

Use this button to open and close the disc tray while in DVD mode.

4. ►|| PLAY / PAUSE

Use this button to begin play function while in DVD mode.

Use this button to pause play function while in DVD mode.

5. ◀◀ PREV

While in the DVD status, you may press this button for previous track.

6. ▶▶ NEXT

While in the DVD status, you may press this button for next track.

7. INPUT SIGNAL SOURCE

Use this button to select the proper input signal source. (Note: The selected input will correspond to the selected input terminal on the rear panel.)

8. POWER

Before plugging the power cord into the AC outlet, check to make sure all of the connections have been properly completed. When they have been, carefully plug power cord into outlet.

Press the POWER button on the front panel to power the unit.

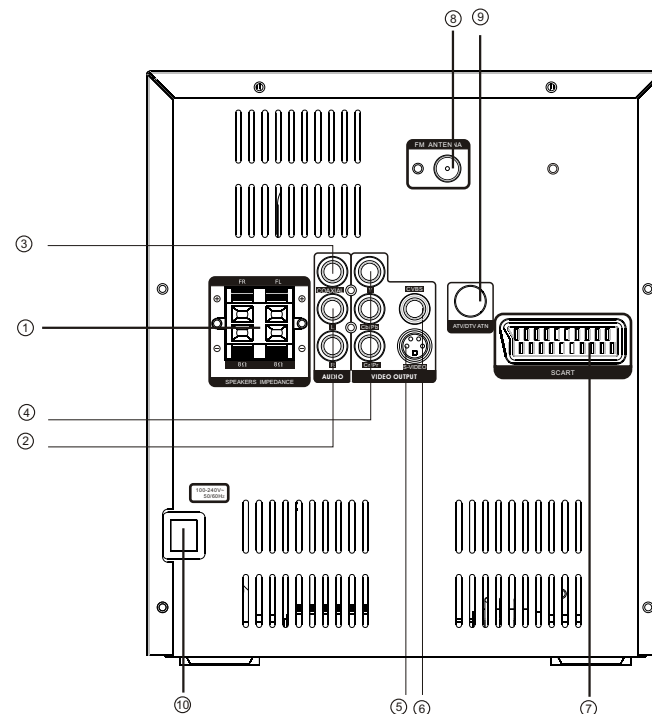
When the unit is initially powered, a brief surge of electricity may cause interference with other electronic equipment on the same circuit. If this occurs, connect the unit to an outlet on a different circuit.

9. USB CONNECT

Use only USB Flash Ram.

FRONT AND BACK PANELS

Back Panel Functions



1. FRONT/MAIN

Use to connect the four terminals of the left and right front or main speakers.

2. DOWNMIX 2-CHANNEL OUTPUT

Use to connect output for 2-channel analog audio.

3. COAXIAL DIGITAL AUDIO OUTPUT

4. Component Videos Output (Y,Cb/Pb,Cr/Pr)

5. S-VIDEO OUTPUT

6. CVBS OUTPUT

7. SCART OUT

8. FM ANTENNA

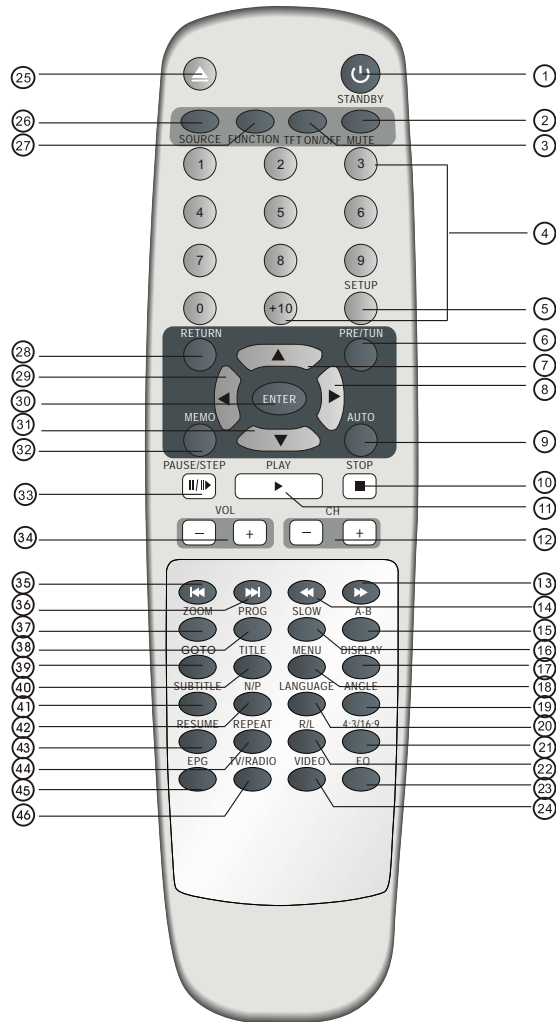
Use to connect the provided indoor FM loop antenna.

9. ATV/DTV ANT

10. 100-240V~ 50/60Hz

This unit comes with an AC power cord. Be sure its prongs are dry before plugging it into an electrical outlet. Take caution not to overextend the cord or walk on it.

REMOTE CONTROLLER



- ① STANDBY
- ② MUTE
- ③ TFT ON/OFF
- ④ 0-9 NUMBER KEYS
- ⑤ SETUP
- ⑥ PRE/TUN
- ⑦ SCROLL UP
- ⑧ SCROLL RIGHT
- ⑨ AUTO
- ⑩ STOP
- ⑪ PLAY
- ⑫ CH- CH+
- ⑬ FWD
- ⑭ REV BUTTON
- ⑮ A-B
- ⑯ SLOW
- ⑰ DISPLAY
- ⑱ MENU
- ⑲ ANGLE
- ⑳ LANGUAGE
- ㉑ 4:3/16:9
- ㉒ R/L
- ㉓ EQ
- ㉔ OPEN/CLOSE
- ㉕ SOURCE
- ㉖ FUNCTION
- ㉗ RETURN
- ㉘ SCROLL LEFT
- ㉙ ENTER
- ㉚ SCROLL DOWN
- ㉛ MEMO
- ㉜ PAUSE/STEP
- ㉝ VOL- VOL+
- ㉞ PREV BUTTON
- ㉟ NEXT BUTTON
- ㊱ ZOOM
- ㊲ PROG
- ㊳ GOTO
- ㊴ TITLE
- ㊵ SUBTITLE
- ㊶ N/P
- ㊷ RESUME
- ㊸ REPEAT
- ㊹ EPG
- ㊺ TV/RADIO

OPERATING THE REMOTE CONTROL

Battery Installation

1. Push down and out on the battery Compartment cover to remove it.
2. Insert the two "AAA" batteries into the battery compartment of the remote control, making sure the + and - signs on the batteries and inside the batteries compartment match up.
3. Replace the battery compartment cover.

Notes:

- Do not mix batteries from different manufacturers, nor old ones with new.
- If the remote control will not be used for an extended period of time, remove the batteries to prevent damage-causing corrosion.
- Remove dead batteries immediately to prevent damage-causing corrosion.
- If battery leakage occurs, wipe the battery liquid from the battery compartment, then replace both batteries.
- Always replace both batteries at the same time, using new, fully charged batteries.
- Life expectancy of batteries may vary depending on amount of use.

Using the Remote Control

Point the remote control at the remote sensor on the DVD receiver. When the signal is received from the remote, the unit will function accordingly. The remote will operate to approximately 16' from the remote sensor at an angle of around 30° each direction.

Notes:

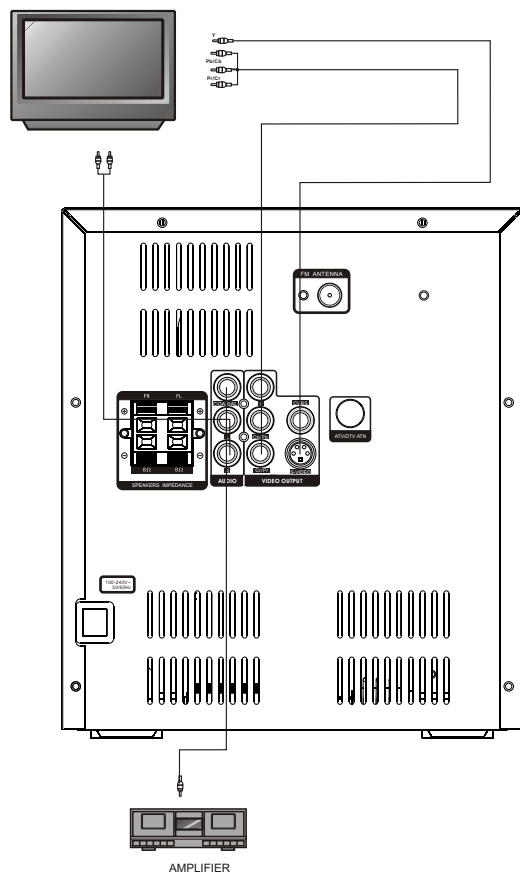
- Do not direct the remote sensor toward any light source, such as direct sunlight or a strong fluorescent light, as it may cause the unit to not operate correctly.
- When other remote controls are used nearby or when the remote is used near equipment using infrared rays, interference may occur.
- Placing an object on the remote control may cause it to inadvertently depress a button, changing a function and shortening battery life.
- Do not glaze the front of the DVD receiver with colored glass, as it may cause interference with normal operation of the controller.
- Make sure there is no barrier between the remote control and remote sensor, as it could prevent the unit from receiving the signal.
- Do not spill water or put wet items on the remote control.
- Never disassemble remote control.



BATTERIES

INCORRECT USE OF BATTERIES MAY CAUSE THEM TO LEAK, CORRODE OR EXPLODE.

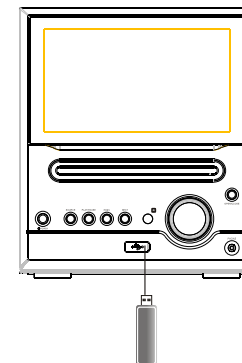
CONNECTING DEVICES



- Connection terminals for this DVD receiver are found on the rear panel. Read carefully and follow the manufacturers' instructions of any video and audio device being connected to this unit.
- Do not connect the power until all connections have been properly completed.
- Red terminal (marked R) is for connecting the right channel. The white terminal (marked L) is for connecting the left channel. The yellow terminal is for video connection. Make sure all connections are securely made. Improper connections may cause noise, poor performance, or cause damage to the equipment.
- Do not tie the AV cord with any other cords, such as the power cord or speaker wires, as it may result in poor picture and/or sound quality.

USB interface

Press the **SOURCE** key on the remote control until the unit switches into USB mode.



USB interface

This unit has a USB jack, when no disc is in the player, you can insert a USB DISC or a Audio Player with USB Interface to play the music or JPEG files. All the function is the same to play a disc.

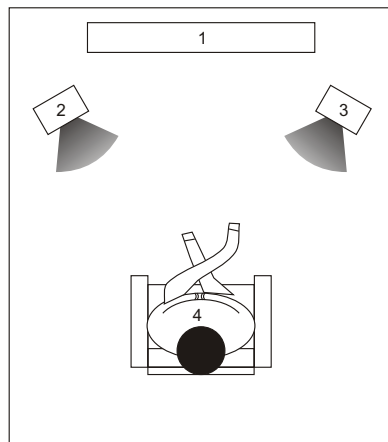
CONNECTING SPEAKERS

Place Speakers

For the best result, arrange the 2 speakers as shown in your listening area:

Front Speakers (L, R)

Align the front speakers at ear level and at a horizontal angle of 45 degrees to the primary listening area.



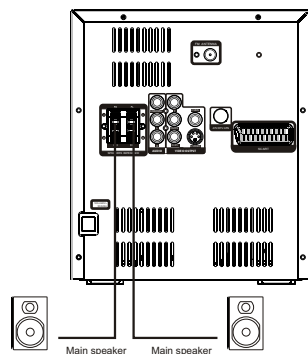
- 1. TV set or screen
- 2. Front or main left speaker
- 3. Front or main right speaker
- 4. Viewer's location

Connect Speakers

- 1) Make sure the power is turned off to prevent possible damage to the system.
- 2) Connect the speakers' wires to the connectors on the back panel of the DVD system.
- 3) To insert a speaker wire, press down the thumb levers, fully insert each tip of the wire into its connector, and then release the thumb levers to lock the wire in place.

CAUTION - To prevent damage to circuits, do not short-circuit the positive and negative speaker output jacks. Make sure the exposed tips of each speaker wire are separated to the distance that they cannot touch each other after they are inserted into the connectors.

- Do not connect any other speakers or devices that are not included with this system.



CONNECTING ANTENNA

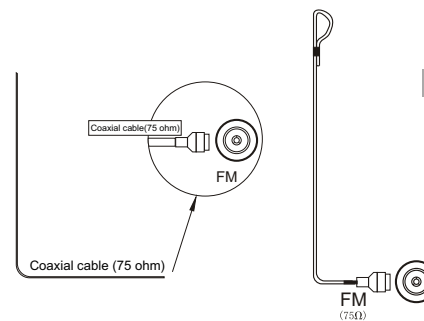
Radio signals may be difficult to receive in some buildings and under certain conditions. The provided antenna will help in their reception. They are intended for indoor use only.

FM Indoor Antenna

The FM antenna should be fully extended and in a direction that provides the clearest signal. Secure the antenna ends in a location where distortion is a minimum. If reception remains poor, an outdoor antenna may be necessary.

To connect the FM antenna:

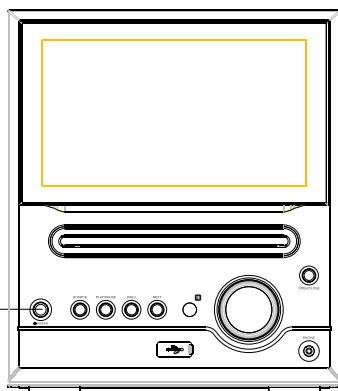
1. Open cable terminal by pressing back on tab
2. Insert wire end
3. Release tab; make sure wire is in terminal securely



Outdoor FM antenna

CONNECTING POWER SUPPLY

POWER



Before plugging the power cord into the AC outlet, check to make sure all of the connections have been properly completed. When they have been, carefully plug power cord into outlet.

Press the POWER button on the front panel to power the unit. The display panel will light.

When the unit is initially powered, a brief surge of electricity may cause interference with other electronic equipment on the same circuit. If this occurs, connect the unit to an outlet on a different circuit.

BASIC DVD OPERATION

Chapter 1 Basic Operation

1. Turn On Your DVD Receiver

Press the Power button on the player or the remote controller, and "Read" appears on the TV screen. If there isn't a disc in the DVD player, "No disc" will be displayed on the screen.

2. Place A Disc

Press the Open / Close button on the remote controller or the front of the DVD player, and "Open" appears on the screen. Then Place a disc gently into the tray with the disc's label facing up (double-sided discs have content on both sides, so you can place either side up), and press the Open / Close button again to close the disc tray, "Close" appears and the player starts to read. Then the disc starts playing automatically. (Note: Of some certain type discs, after reading out the type, the Play or Enter button should be pressed to start playing.)

3. Play

The contents of each disc menu vary according to how the disc was authored and what features are included. The disc menu will be turned on for you to select, when Menu button pressed. Also play and pause can be switched with the Pause button on the remote. Moreover, such as menu play, title play, sequence play etc., these different play modes are offered.

a) Menu Play (compatible with DVD, discs)

- I. Press Menu Button
 - TV screen displays the DVD Root Menu when a DVD disc is loaded.
- II. When a DVD disc is loaded, you can press Arrow buttons to highlight the menu item you want to choose; As you can press Numeric buttons to select a track to play.
- III. Press Enter or Play button, you can begin play with the highlighted.
- V. Stop
 - 1) When you press Stop button for the first time, the player turns into quasi stop state. At the same time the OSD appears "PRE Stop", To begin the title over, press Stop twice.
 - 2) In PRE stop state, the player remembers where you stopped, when you start playing the disc again, the DVD player picked up where you left off.
 - 3) In stop state, when you press Play, the player enters sequence playback mode.

For the disc protection, before you press Open / Close button to eject the disc tray when playing, please press Stop button at first. After taking out the disc,

- press Open / Close again to close the tray.
- If you're not going to use the DVD player for a long time, be sure to remove the electronic plug.

a) **Title Play (compatible with DVD discs only)**

- I. During DVD playback, press Title button to display the DVD title content.
- II. Press the Arrow buttons to highlight the title you want to choose, and press Enter; Also you can press numeric buttons to choose.
- III. The DVD player begins with the chapter 1 of the chosen title.

b) **Sequence Play (compatible with DVD, CD-G, HD-CD, WMA, JPEG discs)**

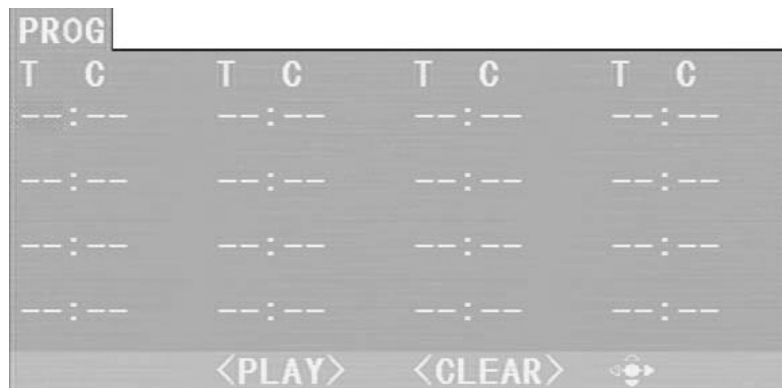
- I. Except for discs, in the stop state, when press Play button, the player then enters sequence playback mode. This feature is effective to all the compatible discs.

c) **Program Play (compatible with DVD, CD, CD-G, HD-CD, WMA, JPEG discs)**

The Program Playback option allows you to enter the order in which you want chapters or tracks to play, maximum to 16.

- Program Menu:

DVD, WMA, JPEG discs:



CD, CD-G, HD-CD, discs:



- According to the highlight, use the Numeric buttons to enter the chapters / tracks in the order you want them to play. Then press Play or use Arrow buttons to highlight the "PLAY" item and press Enter. The chapters / tracks will play in the programmed order.
 - ✧ You can program maximum 16 titles / chapters / tracks.
- According to the Direction Indicator on the menu, you can press Arrow buttons to highlight where you want to enter.
- During Program Playback, if Program button pressed, the programmed order and the contents will be displayed on the screen, and the Program Playback will be stopped; Also you can press Stop and Play to resume normal playback.
- Notes:
 - ✧ To clear the programmed order, use Arrow buttons to highlight the "CLEAR" item, then press Enter.
 - ✧ To modify the programmed order, use Arrow buttons to highlight the modifying item and enter the new chapter / track you want to program directly.

Selecting Source

1. Press source button (DVD/FM/USB/ATV/DVB-T) to select the desired sound source. The appropriate symbol will appear in the display.

Note: The desired program source will not play unless it and the selected signal button coincide with the active program source signal input.

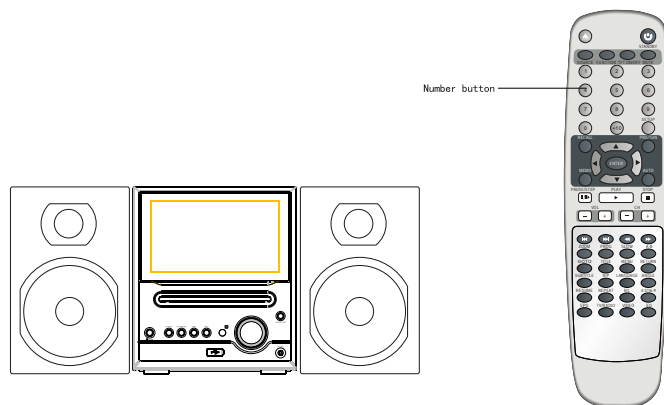
Volume Control

The volume may be adjusted by either turning the large volume knob on the front panel or using the appropriate volume button on the remote control.

Mute

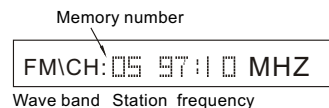
Pressing the MUTE button temporarily mutes every speaker. To resume audio, press MUTE button again.

PLAYING THE RADIO



Basic operations

1. Press CH+ or CH- button to find a station. The frequency will change with each press. When a station's signal is received, it will appear in the display.
2. Press "TUN" Key into tune state.
3. To lock onto a station quickly, hold the CH+ or CH- button for two seconds. The unit will start automatic tuning in tune state. When a station is found, automatic tuning in tunestops.
4. To listen a frequency-known station, you can input the station frequency directly by pressing the number keys one by one in tune state.
5. To add a station to memory, press the MEMO button. The memory storage number will blink for four seconds in the display. Press MEMO again to store the station.



Automatic Tuning

This unit will store up to 30 individual FM radio stations in its memory.

1. Press the AUTO button. the automatic tuning mode is activated.
2. Stations will be stored in ascending order until 30 stations of that particular wave band have been saved. When a station is stored, the memory storage number, as well as the station's frequency, will flash for four seconds in the display.
3. When the total number of stations reaches 30, in a particular wave's memory, no further station in that wave band will be saved.

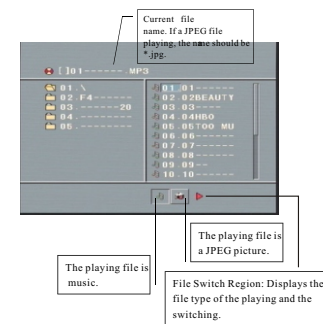
Press the TUNER button to select the desired wave band.

1. To play preset stations
2. Press the PRE/ TUN button.
3. Press any of the numbered buttons to select the desired station's memory number. For example, to play the station at memory #5, simply press the 5 button; for memory #17, press the 1 button followed by the 7 button.
4. Stations in the memory function may also be accessed by pressing the CH- or CH+ button.

PLAYING WMA、MP3 AND JPEG

Chapter 2 Playing AUDIO AND PHOTO DISCS

Place a MP3 / JPEG disc into the tray, and the player will auto search the directories saved Audio and Photo files. After searching, it will auto go to the first directory saved Audio files (to the disc containing both Audio and jpeg files; To the disc containing single type of files, it will auto go to the first directory) and play the first song in the directory ("01:" is highlighted). The screen displays as the picture below:



Use the Arrow buttons to enter the Directory Region and highlight the desired directory, then the first track under it starts playback; Also you can use the Arrow buttons to enter the File Region and select the file you want to play.

Notes:

- Press the Left and Right arrow buttons, you can activate Directory Region, File Region and File Switch Region separately.
- The highlight in Directory Region and File Region is shown as the picture above; While it appears a transparent rectangle in File Switch Region.
- In File Switch Region, you can press the Left and Right arrow buttons to switch the highlight, then press Enter; the "M", "P", and "G" button is illustrated in the above picture. For example, if a disc with Audio and JPEG files but without any NES files is loaded, the color of the letter "M" and "P" will appear to white and "G" black. If a Audio file playing, "M" turns darker.
- To the disc with WMA, Audio and JPEG files, when playing a JPEG picture, press the Return button to return to JPEG list.

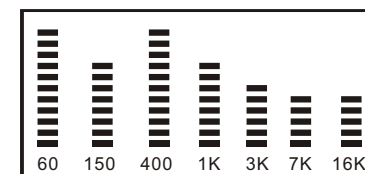
USB interface

This unit has a USB jack, when no disc is in the player, you can insert a USB DISC or a Audio Player with USB Interface to play the music or JPEG files. All the functions are similar to playing a disc.

SMART EQ FUNCTION

Press the EQ key on the remote control to select smart EQ function: NORMAL、CLASSIC、JAZZ、ROCK、POP.

NOTICE: The function is only in playing VCD、CD、disc or in FM mode.



SYSTEM SETUP

- I. You can press the Numeric buttons to select the file you want to play. For example, if you desire the 15th track in current list, press the "10+" button once, then press "5", the 15th starts playback.

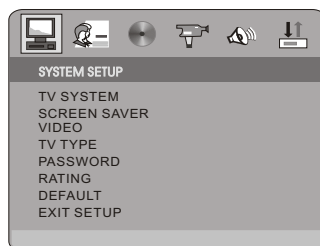
Notes: When playing a disc with MP3 files, video cannot be output while only digital audio can.

- II. When playing JPEG pictures, press the Program button to choose the pictures switched mode. There are 17 switch modes; Press Program repeatedly to activate the function and choose the required switch mode: Spread from Up to Down, Spread from Down to Left, Spread from Left to Right, Spread from Right to Left, Spread from Left Up to Right Down, Spread from Right Up to Left Down, Spread Left Down to Right Up, Spread from Right Down to Left Up, Spread from Center to Up / Down, Fold from Up / Down to Center, Fold from Left / Right to Center, Horizontal Shutter, Vertical Shutter, Fold from the Corners to the Center, Random Play, Off.
- III. When a picture playing or pausing, press the Arrow buttons to change the display angle:
Up: flip vertical
Down: flip horizontal
Left: rotate 90° counter-clockwise
Right: rotate 90° clockwise
- IV. When a picture playing or pausing, press the Menu button, the screen displays small pictures. Up to 12 small pictures are displayed per screen. To view the next 12 pictures, press the Next button to go forward and the Prev button to go to the previous page. You can also select and play a picture in full screen by press that number on the remote.

Chapter 3 The Setup Menu System

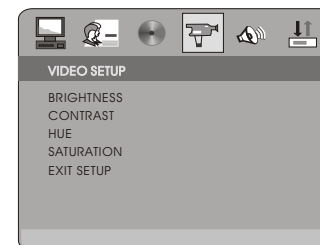
1. General Steps of Setup Menu

- a) Press the Setup button, the main setup menu appears.
- When the main menu displayed, the DVD system will auto pause.



- b) Press the Left and Right arrow buttons to highlight the icon of the desired page, then press the Down or Right arrow button to activate that page; For example, if you want to setup the video page, press Right to highlight the video icon, the video page will be displayed on the screen.

SYSTEM SETUP



Press the Down arrow button to highlight the desired option. Press Enter or press Right to select, the choices of that option appear on the right; For example, press the Down arrow button to highlight the BRIGHTNESS option, then press Enter to select, the brightness choices appear on the right.



- d) Press the Arrow buttons to highlight the Exit Setup option, then press Enter or Setup again to exit Setup Menu.

Notes:

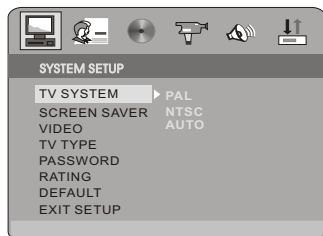
- When setup, the pressing of the following buttons will turn off the setup menu, while the choices that have been changed will be saved: N/P, Subtitle, F.F, F.R, Vol +/-, Title, Return, Play, Stop, Resume, Pause / Step, Next, Prev, S.F, S.R, Zoom, Preview, Goto, Program, Repeat, A-B, Angle, language, Mute, Setup.

2. Setup Items Introduction

1) SYSTEM SETUP

The system setup options are illustrated below:

SYSTEM SETUP

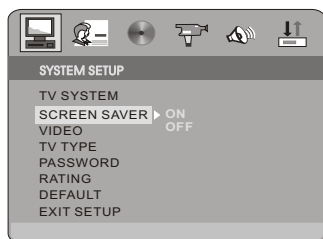


TV SYSTEM

According to the Color System of the TV, you can choose the TV System.

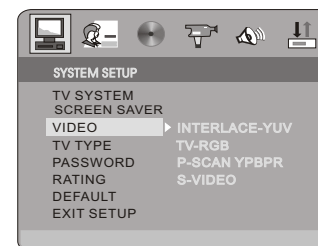
- NTSC: Choose this settings if your DVD player is connected to a NTSC TV.
- PAL: Choose this settings if your DVD player is connected to a PAL TV.
- AUTO: Choose this settings if your DVD player is connected to a multi-system TV.

The default setting is PAL

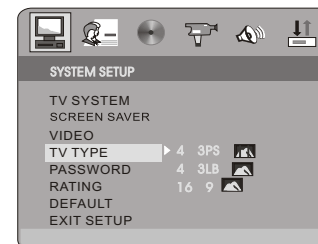


◆ SCREEN SAVER

SYSTEM SETUP



◆ VIDEO



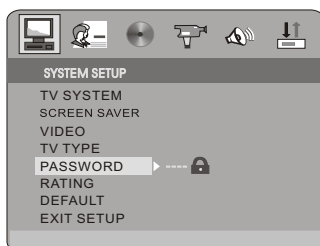
SYSTEM SETUP

◆ TV TYPE

- 16 : 9 (Wide Screen): Choose this setting if your DVD player is connected to a wide screen TV. If you choose this setting and you don't have a wide screen TV, the images on the screen may appear distorted due to vertical compression.
- 4 : 3 LB (Letter Box): Choose this setting if your DVD player is connected to a normal ratio TV connector. You'll see the movies in their original aspect ratio (height-to-width ratio). You'll see the entire frame of the movie, but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.
- 4 : 3 PS (Pan & Scan): Choose this setting if your DVD player is connected to a normal ratio TV. You can fill the movie to the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen.

Notes:

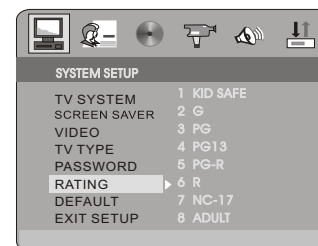
- The image display ratio is related to the recorded disc format. Some disc can not display images in the aspect ratio you choose.
- If you play a disc recorded in 4:3 format on a wide screen TV, black bars will appear on the left and right side of the screen.
- You must adjust the screen setting depending on the type of the television you have.



◆ PASSWORD

The password option is initialized locked, and you cannot set the ratings limit or change the password. In order for the Ratings feature work, the password mode must be turned on. If you want to set the ratings limit, you will need to enter the default password, which is 6666, then press Enter to confirm. To change the password, you will be prompted for the old password, then be prompted for a new. Enter a 4-digit number (this is your password).

SYSTEM SETUP



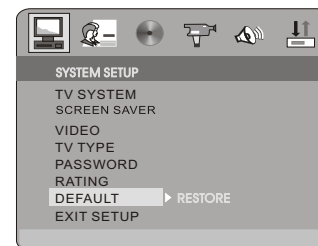
◆ RATING

The Rating feature is a rating limit system, like movie ratings. It works with DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family watches.

- There are 8 rating options: KID SAFE, G, PG, PG13, PG-R, R, NC-17, ADULT.

Notes:

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



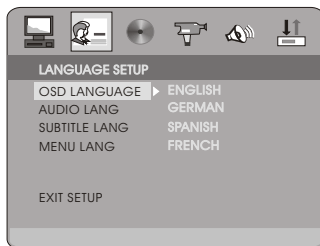
◆ DEFAULT

Choose this option to resume all the setup options to default settings.

2) LANGUAGE SETUP

The language setup options are illustrated below:

LANGUAGE SETUP



Highlight the OSD LANGUAGE option, and press the Arrow buttons to choose the OSD language you prefer. Press Enter to confirm, and it will display OSD in that language.



Highlight the AUDIO LANG option, and press the Arrow 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 that language.



Highlight the SUBTITLE LANG option, and press the Arrow 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 subtitles in that language.

LANGUAGE SETUP



- ◆ Highlight the MENU LANG option, and press the Arrow buttons to choose the menu language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will displays menu in that language.

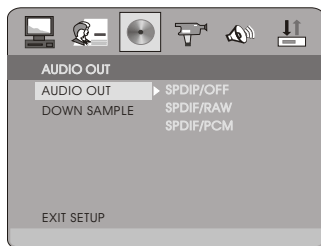
Notes:

- If your preferred language isn't available, the disc's default language will be played.

3) AUDIO SETUP

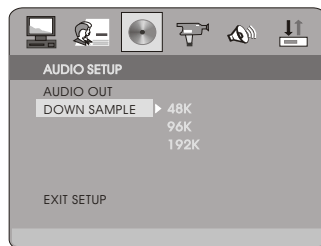
The audio setup options are illustrated below:

AUDIO SETUP



Highlight the AUDIO OUT option, and press the Arrow buttons to choose the audio output mode you prefer. Press Enter to confirm; There are 3 optional audio output modes: SPDIP/OFF, SPDIF / RAW, and SPDIF / PCM.

- **SPDIF / RAW:** Choose this setting if your DVD player is connected to a power amplifier with a coaxial cable or an optical cable; When playing a disc recorded with Dolby Digital, and MPEG audio formats, the corresponding digital signals will be output from the Coaxial Output jack or Optical Output jack. This player's digital output jacks are designed for a connection to a Dolby Digital, 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 a 2-channel PCM signal, and it will be output from the Coaxial Output jack or Optical Output jack.



◆ DOWN SAMPLE

- To avoid disturbing neighbours at night, use this function to lower the volume without changing the original tone.

VIDEO SETUP

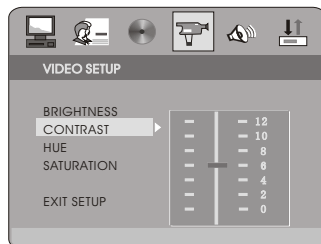
4) VIDEO SETUP



◆ BRIGHTNESS

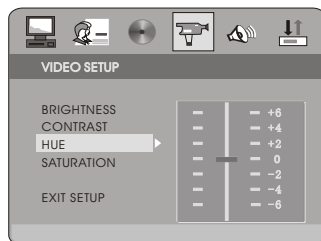
Use the Up and Down arrow button to move the scroll and adjust the brightness.

VIDEO SETUP



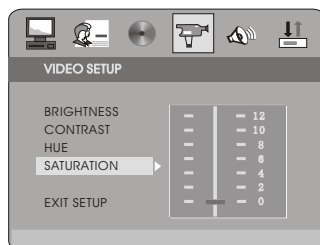
◆ CONTRAST

Use the Up and Down arrow button to move the scroll and adjust the contrast.



◆ HUE

Use the Up and Down arrow button to move the scroll and adjust the hue.



SPEAKER SETUP

◆ SATURATION

Use the Up and Down arrow button to move the scroll and adjust the saturation.

5) SPEAKER SETUP

The speaker setup options are illustrated below:

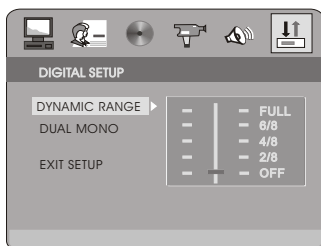


◆ DOWNMIX

Use the Up and Down arrow button to move the scroll and adjust the saturation.

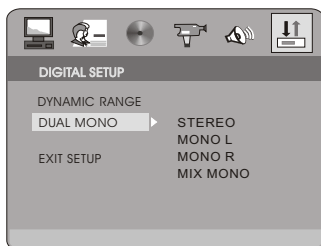
- LT / RT: Choose this setting, it will sound like in a movie theatre if the original movie the disc was recorded from was encoded in the Pro Logic Dolby Digital format.
- STEREO: Choose this setting, when 5.1-channel sound playing, two channels of signals will be output from the left and right soundtrack; when 2-channel sound playing, stereo signal will be output.

6)DIGITAL SETUP



◆ DYNAMIC RANGE:

When LINE OUT is selected,choose this setting to adjust the line out ratio for different effects.



◆ DUAL MONO (LEFT + RIGHT)

Choose this option to setup the L and R mono output mode; There are four modes in this option: STEREO, MONO L, MONO R, and MIX MONO; It is mainly used in karaoke mode.

REFERENCE:

- To protect your DVD player, the interval between two consecutive Power button operations must be above 30 seconds.
- If not using a period of time, please pull out the plug from the electronic outlet.
- The player should be operated only on condition that the type of power supply corresponds to the marking label. Otherwise, it doesn't work or even be damaged.
- The player may not be compatible with some encrypted discs.
- If the player stops playback by accident, please power it on again.

How to switch to DVB-T work mode?

Press the **SOURCE** key on the remote control until you switched into DVB-T work mode.

1. FIRST installation after power on

First Time Setup In Figure (1), a message appears, asking the user if he/she wants to run the First Time Installation Wizard. Upon selecting " Yes ", a new box appears, shown in Figure (2), asking for country, OSD language, and time zone. Use the arrow keys to make the correct selections. Select " Next " and press <ENTER> to proceed to the next screen, which is shown in Figure (3).

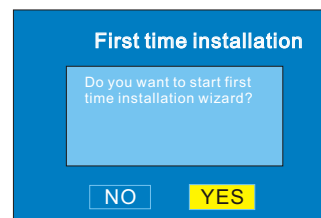


Figure (1)

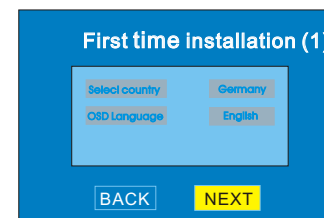
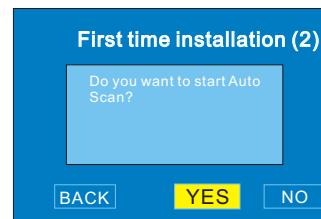


Figure (2)



Figure(3)

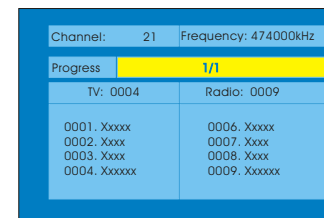


Figure (4)

2. The Main Menu Pressing <SETUP> will enter the Main Menu, which is shown in Figure (5). From here, pressing <SETUP> again or <RETURN> will exit the menu. The the main menu is divided into four main selection items: Channel Guide, System Config, Installation, and Game, which are displayed on the left side. Selecting an item will open a submenu, with the menu's items displayed on the right side of the screen. The menus are shown in Figures (5) to (8), and are detailed later in this document.

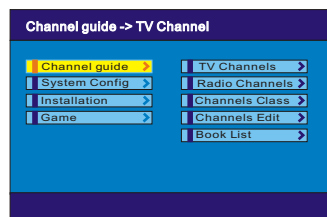


Figure (5) Main Menu + Channel Guide

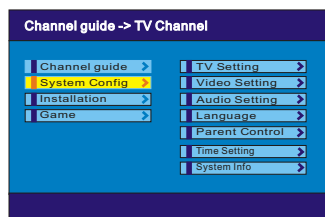


Figure (6) System Config Menu

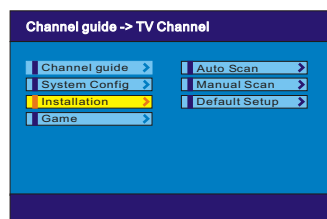


Figure (7) Installation Menu

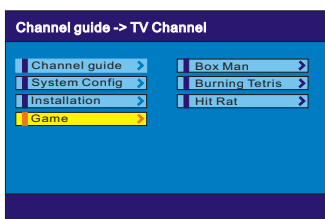


Figure (8) Game Menu

Upon entering the main menu, the first item, Channel Guide, will already be highlighted. Use the <UP> or <DOWN> buttons to highlight a different item. Press <ENTER> to enter a new menu corresponding to the highlighted item. The submenus are their items include:

Channel Guide:

This includes TV Channels, Radio Channels, Channels Class, and Channels Edit. See Figure (5).

System Setup:

This includes TV Setting, Video Setting, Audio Setting, Language, Parent Control, Time Setting, and System Info. See Figure (6).

Installation:

This includes Auto Scan, Manual Scan, and Default Setup. See Figure (7).

Game:

This includes Boxman and Burning Tetris. See Figure (8).

3. Channel Guide

3.1 TV Channels

The TV Channels Menu is shown in Figure (9). The channels are listed on the left side of the menu, and a preview window is on the right side. From here, the channel can be changed using the <UP> or <DOWN> keys, <ENTER> to start viewing, <LEFT> or <RIGHT> to change channel groups. Channel groups include news, sports, favorites, etc. Press <DISPLAY> to sort the channels, which can be set to alphabetical (A-Z), reverse alphabetical, free on top, scrambled on top, and transponder (Figure (10)).

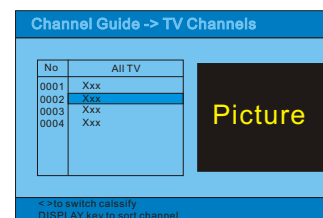


Figure (9) TV Channels Menu

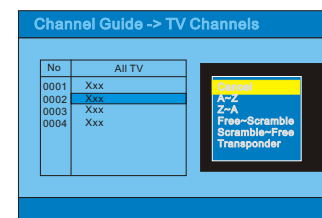


Figure (10) Sort Channels

3.2 Radio Channels

The Radio Channels Menu, shown in Figure (11), is similar to the TV Channels Menu. The channels are listed on the left side. The channel can be changed using <UP> and <DOWN>, and group can be changed using <LEFT> or <RIGHT>. Press <DISPLAY> to sort the channels.

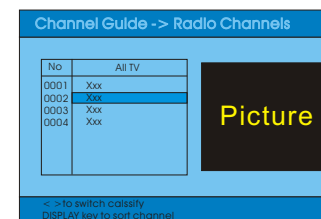


Figure (11) Radio Channels Menu

3.3 Channels Class

From the Channels Class Menu, shown in Figure (12), each channel can be classified into a group. Pressing <ENTER> will add the row's channel to the column's category. Use <TV/RADIO> to switch between TV and radio channels. Note: If there are no channels, the user cannot enter this menu.

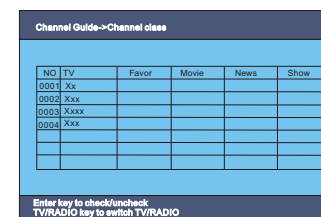


Figure (12) Channel Class Menu

3.4 Channels Edit

The Channel Edit Menu is shown in Figure (13). To change a channel name, select a channel name and press <ENTER>. From here, use <LEFT> or <RIGHT> to select a character, and <UP> or <DOWN> to change the character. Press <ENTER> to confirm the name change. To move a channel, select the MOVE column of a channel and press <ENTER>. From here, use the <UP> or <DOWN> to change the placement order of the channel, and <ENTER> to confirm the change. Select the DELETE column and press <ENTER> to delete the channel. Use <TV/RADIO> to change between TV and radio channels. Note: If there are no channels available, this user cannot be entered.

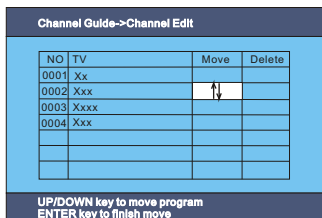


Figure (13) Channel Edit Menu

3.5 Book List

It will display all the program events you have booked in your EPG menu or manual added.

4. System Config

4.1 TV Setting

From the TV Setting Menu, shown in Figure (14), the TV system, video output, and TV aspect ratio can be changed. Press <UP> or <DOWN> to select one of the items. To change the setting, press <LEFT> or <RIGHT> to cycle between the different settings, or press <ENTER> and then <UP> or <DOWN> to select from a list of settings. The possible settings are:

TV System: NTSC, PAL, Auto. See Figure (15).

Video: YCbCr, TV-RGB, P-SCAN-YUV, S-VIDEO. See Figure (16).

TV Type: 4:3 Pan-and-Scan, 4:3 Letterbox, 16:9. See Figure (17).

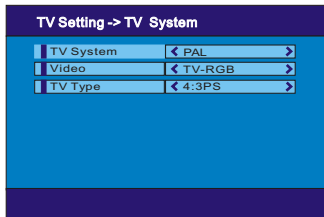


Figure (14) TV Setting Menu

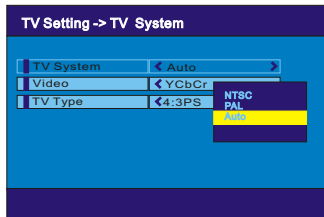


Figure (15) TV System

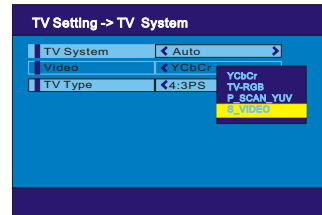


Figure (16) Video

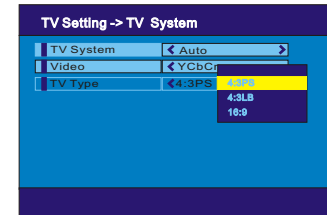


Figure (17) TV Type

4.2 Video Setting

From the Video Setting Menu, shown in Figure (18), the video brightness, contrast, hue, and saturation can be changed. Press <UP> or <DOWN> to select one of the items. To change

the setting, press <LEFT> or <RIGHT> to cycle between the different settings. Alternatively, press <ENTER> to select from a list of possible settings.

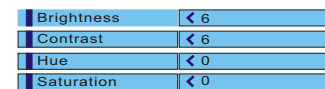


Figure (18) Video Setting Menu

Settings:

Brightness: 0, 2, 4, 6, 8, 10, 12.

Contrast: 0, 2, 4, 6, 8, 10, 12.

Hue: +12, +10, +8, +6, +4, +2, 0.

Saturation: 0, 2, 4, 6, 8, 10, 12.

4.3 Audio Setting

From the Audio Setting Menu (Figure (19)), the Audio Out option can be changed using the <LEFT> or <RIGHT> keys. Alternatively, press <ENTER> to select from a list of possible settings. Audio Out: SPDIF OFF, SPDIF RAW, SPDIF PCM.

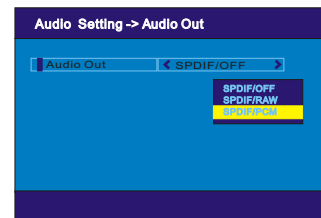


Figure (19) Audio Setting Menu

4.4 Language

The Language Menu, shown in Figure (20), allows the user to change the OSD language. Use the <LEFT> or <RIGHT> to select a language, or <ENTER> to select from a list with all the possible languages. OSD Language: English, German, French, Greece.

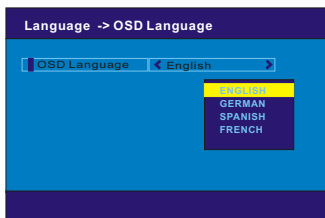


Figure (20) Language Menu

4.5 Parent Control

The Parent Control Menu, Figure (21), has two items, Change Pin and Channel Lock. When changing the pin, the user will be asked to enter the old pin, the new pin, and the new pin again (Figure (22)). In order to change the channel lock, the user must first enter the pin, as shown in Figure (23). If the pin is okay, the Channel Lock Menu will appear (Figure (24)). Use <UP> or <DOWN> to select a channel, <ENTER> to lock or unlock the channel, and <TV/RADIO> to switch between television and radio channels.

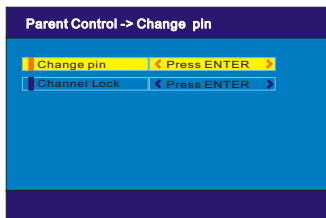
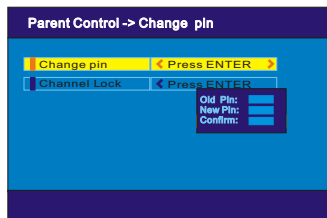


Figure (21) Parent Control Menu



Figure(22) Change Pin

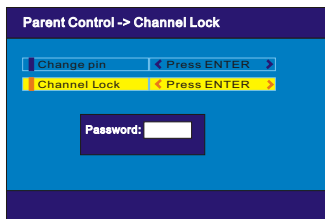
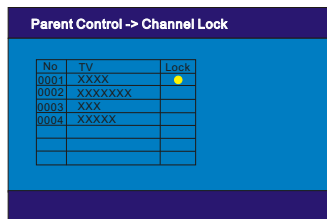


Figure (23) Enter Pin



Figure(24) Channel Lock

4.6 Time Setting

From the Time Setting Menu, Figure (25), the time zone and sleep settings can be changed. Use <UP> or <DOWN> to select an item, and <LEFT> or <RIGHT> to change the setting. Alternatively, the user can press <ENTER> to select from a list of possible settings.

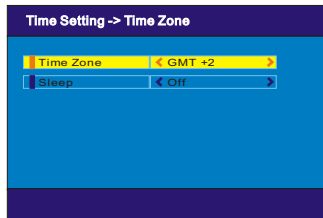


Figure (25) Time Setting Menu

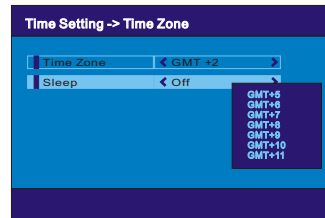


Figure (26)

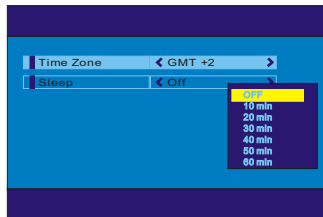


Figure (27)

System Info System Info displays the firmware version and date, along with tuner and model information. See Figure (28).

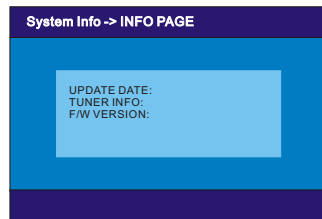


Figure (28) System Infor

5. Installation

5.1 Auto Scan

The Auto Scan Menu is shown in Figure (29). First, select a country using <LEFT> or <RIGHT>. Then press <DOWN> to highlight "Select Scan" and press <ENTER>. After choosing yes or no, the scan will be being (Figure (30)).

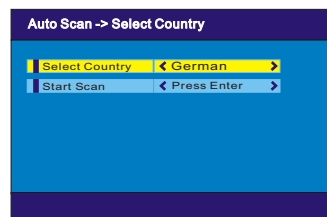


Figure (29) Auto Scan Menu

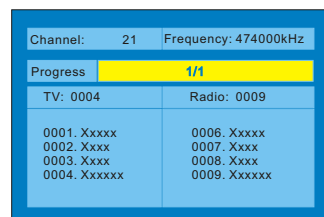


Figure (30)

5.2 Manual Scan

The Manual Scan Menu is shown in Figure (31). A scan can be performed, by setting the following items: Country, Scan Type, Start Channel, Start Frequency, End Frequency, and Bandwidth. If the scan type is single channel, then only the country and start channel can be set. If the scan type is channel range, then the country, start channel, and end channel can be set. Use the <UP>, <DOWN> keys to select an item and the <LEFT>, <RIGHT> keys to change the settings. Once done, go to Start Scan and press <ENTER>.

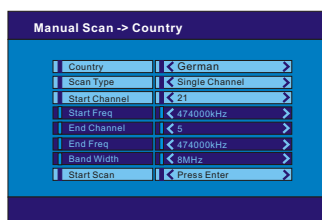


Figure (31) Manual Scan Menu

5.3 Default Setup

A message box will appear, as shown in Figure (32), asking if the user wants to reset the machine to factory settings. After the settings are reset, the First Time Installation message will appear.

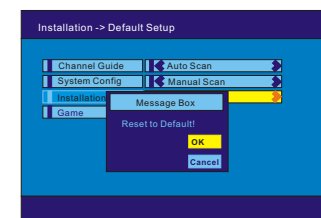


Figure (32) Default Setup

6. Game

The Game Menu is shown in Figure (33). There are three game: Box Man, Burning Tetris, Hit Rat.

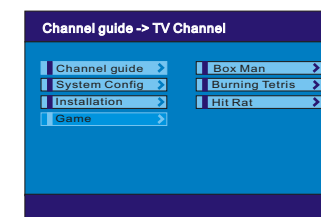
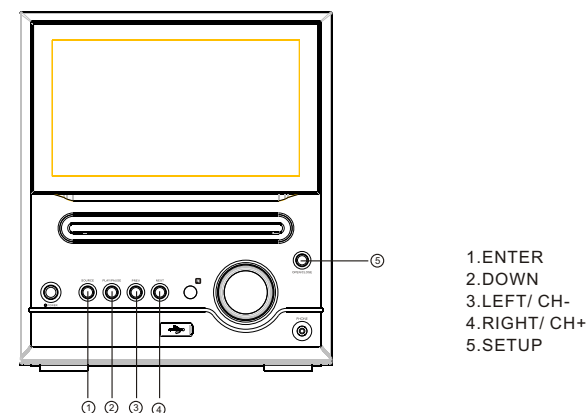


Figure (33) Game Menu

7. Panel key functions

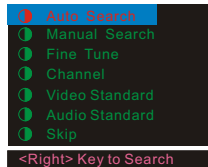
The panel keys have the functions as below at the DVB-T state.



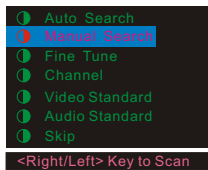
1. ENTER
2. DOWN
3. LEFT/ CH-
4. RIGHT/ CH+
5. SETUP

1. Press source button to select ATV MODE
2. Press SETUP to display options as follows.

A. Press ▼ DOWN button to select Auto search, Press ► Right button to start Search.



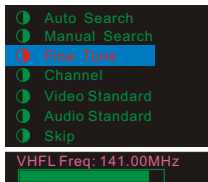
B. Press UP ▲ and DOWN ▼ button to select Manual Search, Press ► Right or ◀ Left button to start Manual Search.



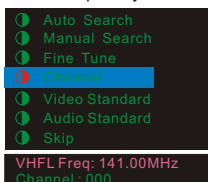
NOTE:

1. Auto Search Start from Program NO.0
2. When receive signal under Manual Search, the indication frequency stop means the optimum position for signal storage. If channel under weak signal is received. The channel storage will automatically identify it as no signal.
3. when Auto Search or Manual Search, you can press SETUP button to stop Auto search or Manual Search.

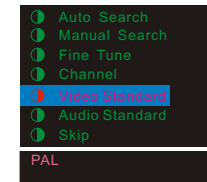
C. Press UP ▲ and DOWN ▼ button to select Fine Tune, Press ◀ Left and ► Right button to Fine Tune the Frequency. NOTE: Press ◀ Left and ► Right once then the Frequency desending 50K or increase 50K.



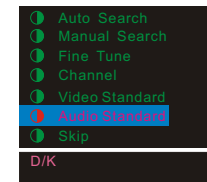
D. Press UP ▲ and DOWN ▼ button to select Channel to display the current Channel number and Channel Frequency. Press Left or Right button to decrease or increase 1 channel and display this channel's number and Frequency.



E. Press UP ▲ and DOWN ▼ button to select Video Standard to display the TV system PAL.



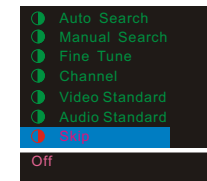
F. Press UP ▲ and DOWN ▼ button to select Audio Standard to display the Audio system I, DK, BG.



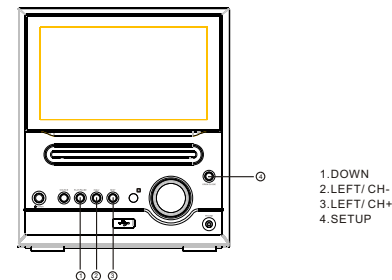
NOTE:

1. Notes on Sound system: 6.0M stands for I, 6.5M stands for DK and 5.5M is BG, please set the Sound system at local one.
2. Color system (all color system are auto setup)
 - A. While sound system is I, color system is PAL-I.
 - B. While sound system is DK, color system is PAL-DK.
 - C. While sound system is BG, color system is PAL-BG.
3. In case with picture while sound or with noise, please check the sound system for correct setup first.

G. Press UP ▲ and DOWN ▼ button to section SKIP to skip the channel.



3. Panel keys Functions the panel keys have the Functions as below at the ATV state.



SCREEN SET PART

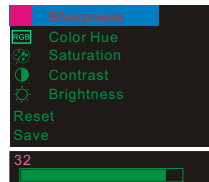
Advanced Features

1. Under the TFT mode press the function button to display as below:

Sharpness
Color hue
Staurtion
contrast
Brightness
Reset
Save

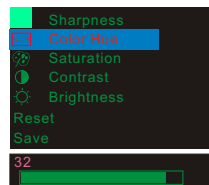
A. Sharpness

Press to button ▼ DOWN select sharpness. Press LEFT ◀ and ▶ RIGHT can adjust the Screen sharpness.



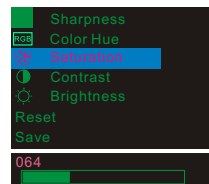
B. Color hue

Press to button ▲ UP and ▼ DOWN select Color hue. Press LEFT ◀ and ▶ RIGHT can adjust the Screen Color hue.



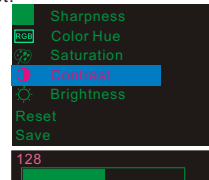
C. Saturation

Press to button ▲ UP and ▼ DOWN select Saturation. Press LEFT ◀ and ▶ RIGHT can adjust the Screen Saturation.



D. Contrast

Press to button ▲ UP and ▼ DOWN select Contrast. Press LEFT ◀ and ▶ RIGHT can adjust the Screen Contrast.

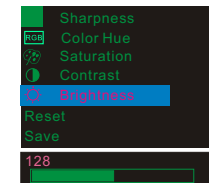


SCREEN SET PART

Advanced Features

E. Brightness

Press to button ▲ UP and ▼ DOWN select Brightness. Press LEFT ◀ and ▶ RIGHT can adjust the Screen Brightness.



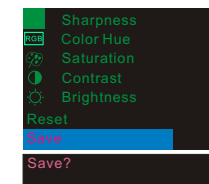
F. Reset

Press to button ▲ UP and ▼ DOWN select Reset item. Press ENTER button can set Sharpness, Color hue etc of picture to factory default.



G. Save

Press to button ▲ UP and ▼ DOWN select Save. Press ENTER button can save the Sharpness, Color hue etc setup.



TROUBLE SHOOTING

This handy trouble-shooting guide is provided to save you time in case you experience any inconvenience with this DVD player. If the problem is not listed or if the provided solution does not correct the problem, please return to point of sales within 12 months of purchase.

Problem Possible Solution

No power

1. Check to ensure that the power plug is securely in the wall outlet.

No sound

1. Check the connection between the DVD player and the TV set, amplifier, or any other unit it is connected to.
2. Check to ensure the TV and amplifier are in the correct mode.

No picture

1. Check the connection between the DVD player and the TV set or any other unit it is connected to.
2. Check to make sure TV is turned on.

Disc does not play

1. Check to make sure the disc is loaded correctly label side facing up on disc tray.
2. Check that disc is clean from dirt, dust, fingerprints, and smudges.
3. Check to ensure disc is with in the guides on the tray.
4. Check if parental lock function is on.
5. Make sure disc is for use in region

Remote does not work.

1. Check batteries; possibly replace.
2. Check to ensure there isn't any obstacles between the remote sensor on the unit's front panel and the remote control.
3. Be sure the remote is aimed at the remote sensor.

Divided picture

1. Check that disc is clean and has no scratches.
2. The unit is controlled by a micro computer, which may need to be reset. Turn off the unit's power, wait several seconds, then turn back on.

No color picture

1. Check to see if the connector is damaged (bent pin).

Audio file discs don't play

1. Use another software edition to re burn disc, as the edition used may not be compatible with the player.
2. Use new editions of software such as Audio station 4, "Easy CD Creator", To ast Titanium, etc.
3. Make sure MP3 file is not encoded with a variable bit rate, such as provided by Real Networks.

TECHNICAL SPECIFICATIONS

DVD Player

TV System	NTSC/PAL
Compatible Discs	DVD, CD, CD-R, CD-RW
Resolution Ratio	Greater Than 500 lines
Video S/N Ratio	65dB
Frequency Response	fs (96KHz/24bit) 4Hz - 44KHz: +/-2dB
Audio S/N Ratio	95dB
Degree of Distortion	<0.01%
D/A Converter	192KHz/24bit
Video Out	1Vp-p
S-Video Out	Y: 1Vp-p(75Ω) C: 0.3Vp-p(75Ω) 2.0V+0/-1V 2.1 Channel,
Audio Out	

Digital Audio Output Connections	Coaxial Scart, USB, CVBS S-Video, 2 Channel Output
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FM Tuner

Tuning Range	87.5-108MHz
S/N Ratio	>46dB
Monophonic	>46dB
Stereo	>50dB (DIN)
Selectance	50dB
THD	
Monophonic	2%
Stereo	3%
Frequency Response	30Hz-10kHz +/- 1dB
Stereo Resolution	35dB (1kHz) 30dB (100Hz-10kHz)

ATV Tuner

Input Frequency	
VHF	48.25MHz~426.5MHz
UHF	426.5MHz~863.25MHz

Amplifier

Output Power:	30W+30W (8Ω)
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Frequency Response:	200Hz-20kHz+/-3 dB
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S/N Ratio	> 76dB
Input Sensitivity	350mv, 47k
Channel Resolution	> 30dB (Normal)

Remote Control

Transmitter	Infrared Ray
Signal Range	Approximately 15'
Power Source	2 "AAA" Bat teries

General

Power Supply	100V~240V~ 50/60Hz
Consumed Power	80W

This product is subject to continuous improvement, We reserve the right to modify product design and/or specifications without notice and without incurring any obligations.