Home Theater System with 5 Disc DVD Changer
HT-Q40

Instruction Manual
## Safety Warnings

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLAS 1 LASER APPARAT
PRODUCTO LASER CLASE 1

**Note to CATV system installer:**
This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

**CLASS 1 LASER PRODUCT**

This Compact Disc player is classified as a CLASS 1 LASER product.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

**CAUTION-INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, AVOID EXPOSURE TO BEAM.**

This symbol indicates that dangerous voltage which can cause electric shock is present inside this unit.

This symbol alerts you to important operating and maintenance instructions accompanying the unit.

**WARNING:** To reduce the risk of fire or electric shock, do not remove rear cover. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

**Precautions**

Ensure that the AC power supply in your house complies with the identification sticker located on the back of your player. Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4 inches). Make sure the ventilation slots are not covered. Do not stack anything on top of the player. Do not place the player on modules or other equipment which may become hot. Before moving the player, ensure the disc tray is empty. This player is designed for continuous use. Switching off the Home Theater to the stand-by mode does not disconnect the electrical supply. In order to disconnect the player completely from the power supply, disconnect the power cord from the wall outlet.

Protect the player from moisture (i.e. vases), and excess heat (e.g. fireplace) or equipment creating strong magnetic or electric fields (i.e. speakers...). Disconnect the power cable from the AC supply if the player malfunctions. Your player is not intended for industrial use. Use of this product is for personal use only. Condensation may occur if your player or disc has been stored in cold temperatures. If transporting the player during the winter, wait approximately 2 hours until the unit has reached room temperature before using.

During thunderstorms, disconnect AC main plug from the wall outlet. Voltage peaks due to lightning could damage the unit.

Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and malfunction of the unit.

The batteries used with this product contain chemicals that are harmful to the environment. Do not dispose of batteries in the general household trash.
Safety Instructions

READ INSTRUCTIONS
All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS
The safety and operating instructions should be retained for future reference.

HEED WARNINGS
All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS
All operating and use instructions should be followed.

WATER AND MOISTURE
Do not use this video product near water-for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

OVERLOADING
Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

VENTILATION
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating. These openings must not be blocked or covered.

ACCESSORIES
Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing damage to parts or injury.

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. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

ATTACHMENTS
Do not use attachments not recommended by the manufacturer as they may cause hazards.

POWER SOURCES
This video 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 supply to your home, consult your appliance dealer or local power company.

CLEANING
Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

LIGHTNING
For added protection of this video product during a lightning storm, or when it is left unattended and unused for extended periods of time, unplug it from the wall outlet and disconnect the antenna or cable system.

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.

OUTDOOR ANTENNA GROUNDING
When an outside antenna is connected to the antenna terminal, be sure the antenna system is grounded so as to provide some protection against surge voltages and built-up static charges.

OVERLOADING
Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

VENTILATION
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating. These openings must not be blocked or covered.

ACCESSORIES
Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing damage to parts or injury.

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. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

ATTACHMENTS
Do not use attachments not recommended by the manufacturer as they may cause hazards.

POWER SOURCES
This video 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 supply to your home, consult your appliance dealer or local power company.

FOR SERVICE
Unplug this video product from the wall outlet and refer servicing to qualified service personnel.

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

REPLACEMENT PARTS
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

READ INSTRUCTIONS
All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS
The safety and operating instructions should be retained for future reference.

HEED WARNINGS
All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS
All operating and use instructions should be followed.

WATER AND MOISTURE
Do not use this video product near water-for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

OVERLOADING
Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

VENTILATION
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating. These openings must not be blocked or covered.

ACCESSORIES
Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance.

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. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

ATTACHMENTS
Do not use attachments not recommended by the manufacturer as they may cause hazards.

POWER SOURCES
This video 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 supply to your home, consult your appliance dealer or local power company.

FOR SERVICE
Unplug this video product from the wall outlet and refer servicing to qualified service personnel.

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

REPLACEMENT PARTS
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

READ INSTRUCTIONS
All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS
The safety and operating instructions should be retained for future reference.

HEED WARNINGS
All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS
All operating and use instructions should be followed.

WATER AND MOISTURE
Do not use this video product near water-for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

OVERLOADING
Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

VENTILATION
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating. These openings must not be blocked or covered.

ACCESSORIES
Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance.

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. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

ATTACHMENTS
Do not use attachments not recommended by the manufacturer as they may cause hazards.

POWER SOURCES
This video 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 supply to your home, consult your appliance dealer or local power company.

FOR SERVICE
Unplug this video product from the wall outlet and refer servicing to qualified service personnel.

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

REPLACEMENT PARTS
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

READ INSTRUCTIONS
All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS
The safety and operating instructions should be retained for future reference.

HEED WARNINGS
All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS
All operating and use instructions should be followed.

WATER AND MOISTURE
Do not use this video product near water-for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

OVERLOADING
Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

VENTILATION
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating. These openings must not be blocked or covered.

ACCESSORIES
Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance.

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. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

ATTACHMENTS
Do not use attachments not recommended by the manufacturer as they may cause hazards.

POWER SOURCES
This video 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 supply to your home, consult your appliance dealer or local power company.

FOR SERVICE
Unplug this video product from the wall outlet and refer servicing to qualified service personnel.

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

REPLACEMENT PARTS
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
Features

Multi-Disc Playback & FM Tuner
The HT-Q40 combines the convenience of multi-disc playback capability, including DVD-Audio, DVD-Video, CD, MP3-CD, WMA-CD, DivX, CD-R/RW, and DVD-R/RW, with a sophisticated FM tuner, all in a single player.

USB Host Play
You can enjoy media files such as pictures, movies and tunes saved in an MP3 player, digital camera or USB memory by connecting the storage device to the USB port of the home theater.

Dolby Pro Logic II
Dolby Pro Logic II is a new form of multi-channel audio signal decoding technology that improves upon existing Dolby Pro Logic.

DTS (Digital Theater Systems)
DTS is an audio compression format developed by Digital Theater Systems Inc. It delivers full-frequency 5.1 channel sound.

TV Screen Saver Function
The HT-Q40 automatically brightens and darkens your TV screen after 3 minutes in the stop mode.
The HT-Q40 automatically switches itself into the power saving mode after 20 minutes in the screen saver mode.

Power Saving Function
The HT-Q40 automatically shuts itself off after 20 minutes in stop mode.

Customized TV Screen Display
The HT-Q40 allows you to select your favorite image during JPEG and DVD playback and set it as your background wallpaper.

AV SYNC Function
Video may lag behind the audio if the unit is connected to a digital TV.
To compensate for this, you can adjust the audio delay time to sync up with the video.

Contents

PREPARATION
- Safety Warnings .................................................................1
- Precautions.........................................................................2
- Safety Instructions................................................................3
- Feelies ..................................................................................5
- Notes on Discs.......................................................................7
- Description............................................................................9

CONNECTIONS
- Connecting the Speakers ...................................................13
- Connecting the Video Out to TV ........................................15
- P.SCAN/Progressive Scan Function .....................................16
- Connecting External Components......................................17
- Connecting the FM Antenna...............................................18

OPERATION
- Before Using Your Home Theater ......................................19
- Disc Playback ........................................................................21
- Selecting a Disc in the Disc changer ....................................22
- Displaying Disc Information ...............................................24
- JPEG File Playback ...........................................................25
- DivX Playback .......................................................................27
- Checking the Remaining Time ............................................29
- Fast/Slow Playback ............................................................30
- Skipping Scenes/Songs .......................................................30
- Repeat Playback ...............................................................31
- A-B Repeat Playback .........................................................32
- Stop Function .......................................................................33
- Angle Function .....................................................................33
- Zoom (Screen Enlarge) Function ..........................................34
- EZ VIEW Function ..............................................................34
- Bonus Group / Navigating Pages ...........................................35
- Selecting Audio/Subtitle Language .......................................36
- Playing Media Files using the USB HOST feature ...............37
- Moving Directly to a Scene/Song .........................................39
- Using Disc Menu ..................................................................40
- Using the Title Menu ..........................................................40

SETUP
- Setting the Language ..........................................................41
- Setting TV Screen type .......................................................43
- Setting Parental Controls (Rating Level) ..............................45
- Setting the Password ..........................................................46
- Setting the Wallpaper ..........................................................47
- DVD Playback Mode ...........................................................48
- Setting the Speaker Mode ...................................................50
- Setting the Delay Time .......................................................51
- Setting the Test Tone ..........................................................53
- Setting the DRC (Dynamic Range Compression) .................54
- Setting the Audio ..............................................................55
- AV SYNC Setup ....................................................................57
- Sound Field (DSP/EQ Function ............................................58
- Dolby Pro Logic II Mode ....................................................59
- Dolby Pro Logic II Effect ....................................................60

RADIO OPERATION
- Listening to Radio ..............................................................61
- Presetting Stations ..............................................................62

MISCELLANEOUS
- Convenient Functions .......................................................63
- Operating a TV with the Remote Control .........................65
- Before Changing for Service ..............................................67
- Cautions on Handling and Storing Discs .........................69
- Language Code List ...........................................................70
- USB Host Feature Supported Products ..............................71
- Specifications .................................................................72

ENG
Notes on Discs

DVD (Digital Versatile Disc) offers fantastic audio and video, thanks to Dolby Digital surround sound and MPEG-2 video compression technology. Now you can enjoy these realistic effects in the home, as if you were in a movie theater or concert hall.

DVD players and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.

The Region Number for this player is given on the rear panel of the player.

(Your DVD player will only play DVDs that are labeled with identical region codes.)

Playable Discs

<table>
<thead>
<tr>
<th>Disc Type</th>
<th>Mark (Logo)</th>
<th>Recorded Signals</th>
<th>Disc Size</th>
<th>Max. Playing Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD</td>
<td></td>
<td>Audio + Video</td>
<td>5&quot;</td>
<td>Approx. 240 min.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 1/2&quot;</td>
<td>Approx. 90 min.</td>
</tr>
<tr>
<td>AUDIO-CD</td>
<td></td>
<td>Audio</td>
<td>5&quot;</td>
<td>74 min.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 1/2&quot;</td>
<td>20 min.</td>
</tr>
<tr>
<td>DivX</td>
<td></td>
<td>MPEG4 MP3</td>
<td>5&quot;</td>
<td>74 min.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 1/2&quot;</td>
<td>20 min.</td>
</tr>
</tbody>
</table>

Do not use the following types of disc!

- LD, CD-G, CD-I, CD-ROM and DVD-ROM discs cannot be played on this player.
- If such discs are played, a "WRONG DISC FORMAT" message appears on the TV screen.
- DVD discs purchased abroad may not play on this player.
- If such discs are played, a "WRONG REGION CODE" message appears on the TV screen.

Copy Protection

- Many DVD discs are encoded with copy protection. Because of this, you should only connect your DVD player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected DVD discs.
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Disc Recording Format

- This product does not support Secure (DRM) Media files.

CD-R Discs

- Some CD-R discs may not be playable depending on the disc recording device (CD-Recorder or PC) and the condition of the disc.
- Use a 650MB/74 minute CD-R disc.
- Do not use CD-R discs over 700MB/80 minute as they may not be played back.
- Some CD-RW (Rewritable) media, may not be playable.
- Only CD-Rs that are properly "closed" can be fully played. If the session is closed but the disc is left open, you may not be able to fully play the disc.

CD-R JPEG Discs

- Only files with the ".jpeg" and ".JPEG" extensions can be played.
- If the disc is not closed, it will take longer to start playing and not all of the recorded files may be played.
- Only CD-R discs with JPEG files in ISO 9660 or Joliet format can be played.
- JPEG file names should be 8 characters or less in length and contain no blank spaces or special characters (. / = +).
- Only a consecutively written multisession disc can be played. If there is a blank segment in the multisession disc, the disc can be played only up to the blank segment.
- A maximum of 9,999 images can be stored on a single CD.
- When playing a Kodak/Fuji Picture CD, only the JPEG files in the picture folder can be played.
- Picture discs other than Kodak/Fuji Picture CDs may take longer to start playing or may not play at all.

CD-R MP3 Discs

- Only CD-R discs with MP3 files in ISO 9660 or Joliet format can be played.
- MP3 file names should be 8 characters or less in length and contain no blank spaces or special characters (. / = +).
- Use discs recorded with a compression/decompression data rate greater than 128Kbps.
- Only files with the ".mp3" and ".MP3" extensions can be played.
- Only a consecutively written Multisession disc can be played. If there is a blank segment in the Multisession disc, the disc can be played only up to the blank segment.
- If the disc is not closed, it will take longer to begin playback and not all of the recorded files may be played.
- For files encoded in Variable Bit Rate (VBR) format, i.e. files encoded in both low bit rate and high bit rate (e.g., 32Kbps ~ 320Kbps), the sound may skip during playback.
- A maximum of 500 tracks can be played per CD.
- A maximum of 300 folders can be played per CD.

CD-R/RW DivX Discs

- Since this product only provides encoding formats authorized by DivX Networks, Inc., a DivX file created by the user might not be played.
- Software update for unsupported formats is not supported.
- Sections with high frame rate might not be played while playing a DivX file.
- For more information about the formats authorized by DivX Networks, Inc., visit "www.divxnetworks.net".

DVD (Digital Versatile Disc)

DVD offers fantastic audio and video, thanks to Dolby Digital surround sound and MPEG-2 video compression technology. Now you can enjoy these realistic effects in the home, as if you were in a movie theater or concert hall.
Description

—Front Panel—

Power ( ) button
Standby indicator
Function button
Headphone Jack
USB port
Disc Tray
Open/Close button
Direct Play buttons
Volume control
Play/Pause ( ) button
Stop ( ) button
Tuning Up & Skip ( ) buttons
Tuning Down & Skip ( ) buttons

—Rear Panel—

External Audio Input Connectors
Use this to connect external equipment capable of digital output.
FM Antenna Connector
5.1 Channel Speaker Output Terminals
Component Video Output Connectors
Connect a TV with component video inputs to these jacks.
Video Output Connector
Connect the TV’s video input jacks (VIDEO IN) to the VIDEO OUT connector.
External Digital Optical Input Connector

Accessories

Remote Control (AH53-01422E)
Video Cable (AH53-00201V)
FM Antenna (AH42-00017A)
User’s Manual (AH68-018844C)
**Description**

---Remote Control---

### Insert Remote Batteries

1. Remove the battery cover on the back of the remote by pressing down and sliding the cover in the direction of the arrow.
2. Insert two 1.5V AAA batteries, paying attention to the correct polarities (+ and –).
3. Replace the battery cover.

**Caution**
- Follow these precautions to avoid leaking or cracking cells:
  - Place batteries in the remote control so they match the polarity (+) to (+) and (–) to (–).
  - Use the correct type of batteries. Batteries that look similar may differ in voltage.
  - Always replace both batteries at the same time.
  - Do not expose batteries to heat or flame.

### Range of Operation of the Remote Control

The remote control can be used up to approximately 23 feet/7 meters in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.
Connecting the Speakers

Before moving or installing the product, be sure to turn off the power and disconnect the power cord.

Position of the Home Theater
- Place it on a stand, cabinet shelf, or under the TV stand.

Front Speakers
- Place these speakers in front of your listening position, facing inwards (about 45°) toward you.
- Place the speakers so that their tweeters will be at the same height as your ear.
- Align the front face of the front speakers with the front face of the center speaker or place them slightly in front of the center speakers.

Center Speaker
- It is best to install it at the same height as the front speakers.
- You can also install it directly over or under the TV.

Selecting the Listening Position
The listening position should be located about 2.5 to 3 times the distance of the TV’s screen size away from the TV. Example: For 32” TVs 2-2.4m (6-8 feet) For 55” TVs 3.5-4m (11-13 feet)

Rear Speakers
- Place these speakers behind your listening position.
- If there isn’t enough room, place these speakers so they face each other.
- Place them about 60 to 90cm (2 to 3 feet) above your ear, facing slightly downward.
- Unlike the front and center speakers, the rear speakers are used to handle mainly sound effects and sound will not come from them all the time.

Subwoofer
- The position of the subwoofer is not so critical. Place it anywhere you like.

Connecting the Speakers
- Place these speakers behind your listening position.
- If there isn’t enough room, place these speakers so they face each other.
- Place them about 60 to 90cm (2 to 3 feet) above your ear, facing slightly downward.

Subwoofer
- The position of the subwoofer is not so critical. Place it anywhere you like.

13

14
METHOD 1  Composite Video  ............... Good Quality
Connect the supplied video cable from the VIDEO OUT jack on the back panel of the
system to the VIDEO IN jack on your television.

METHOD 2  Component (Progressive Scan) Video  ............... Best Quality
If your television is equipped with Component Video inputs, connect a component video
cable (not supplied) from the Pr, Pb and Y jacks on the back panel of the system to the
corresponding jacks on your television.

Note  • When the Progressive scan mode is selected, the VIDEO output (Yellow) does not
output any signal.

PSCAN (Progressive Scan) Function
Unlike regular Interlace Scan, in which two fields of picture information alternate to create the entire
picture (odd scan lines, then even scan lines), Progressive Scan uses one field of information (all lines
displayed in one pass) to create a clear and detailed picture without visible scan lines.

1 Press STOP button.
• If playing a disc, press the STOP button twice so that “STOP”, appears on the display.

2 Press and hold PSCAN button on the remote control for over 5 seconds.
• Pressing and holding the button for over 5 seconds will select “Progressive Scan” and “Interlace Scan”
alternately.
• When you select P SCAN, “P SCAN” will appear on the display.
• To set P Scan mode for DivX discs, press the P SCAN button on the remote control for more than
5 seconds with no disc in the unit (“NO DISC” on the display), then load the DivX disc and play.

What is Progressive (or Non-Interlaced) Scanning?

Interlaced Scan (1 FRAME = 2 FIELDS)  Progressive Scan (FULL FRAME)

In interlaced-scan video, a frame consists of two inter-
laced fields (odd and even), where each field contains
every other horizontal line in the frame. The odd field of alternating lines is displayed first, and
then the even field is displayed to fill in the alternating
gaps left by the odd field to form a single frame.
One frame, displayed every 1/30th of a second, contains
two interlaced fields, thus a total of 60 fields are dis-
played every 1/160th of a second.
The interlaced scanning method is intended for capturing
a still object.

The progressive scanning method scans one full frame of
video consecutively down the screen, line by line.
An entire image is drawn at one time, as opposed to the
interlaced scanning process by which a video image is
drawn in a series of passes.
The progressive scanning method is desirable for dealing
with moving objects.

Note
• This function works only on TVs equipped with component video inputs (Y, Pr, Pb) that support
Progressive Video. (It does not work on TVs with conventional component inputs, i.e., non-progressive
scan TVs.)
• Depending on the capabilities of your TV, this function may not work.
Connecting External Components

Connecting the FM Antenna

1. Connect the FM antenna supplied to the FM 75Ω COAXIAL terminal.

2. Slowly move the antenna wire around until you find a location where reception is good, then fasten it to a wall or other rigid surface.

The cooling fan supplies cool air to the unit to prevent overheating.

Please observe the following cautions for your safety.
- Make sure the unit is well-ventilated. If the unit has poor ventilation, the temperature inside the unit could rise and may damage it.
- Do not obstruct the cooling fan or ventilation holes. (If the cooling fan or ventilation holes are covered with a newspaper or cloth, heat may build up inside the unit and fire may result.)

Cooling Fan

Note
- This unit does not receive AM broadcasts.

Connecting External Digital / Analog Component

Example: Digital signal components such as a Set-Top Box or CD Recorder.
Analog signal components such as a VCR.


2. Connect AUX (Audio) In on the Home Theater to Audio Out on the external analog component.
   - Be sure to match connector colors.

3. Press AUX on the remote control to select ‘DIGITAL IN / AUX1/AUX2’ input.
   - Each time the button is pressed, the selection changes as follows: AUX1 ➝ AUX2 ➝ DIGITAL IN
   - You can also use the FUNCTION button on the main unit.
   The mode switches as follows: DVD/CD ➝ DIGITAL IN ➝ AUX1 ➝ AUX2 ➝ USB ➝ FM

Note
- You can connect the Video Output jack on your VCR to the TV, and connect the Audio Output jacks on the VCR to this product.
Before Using Your Home Theater

Your Home Theater is capable of playing DVD, CD, MP3/WMA, and JPEG discs. Depending on the disc you are using, these instructions may vary slightly. Read the instructions carefully before using.

To Operate your Samsung TV and the Home Theater with the HT-Q40’s Remote Control

1. Plug the main unit’s power cord into the AC power supply.
2. Press TV button to set the remote to TV mode.
3. Press the POWER button to turn on your Samsung TV with this remote.
4. Press TV/VIDEO button to select VIDEO mode on your TV.
5. Press DVD RECEIVER button to switch to DVD RECEIVER mode.
6. Press FUNCTION button on the main unit or DVD button on the remote to enable DVD/CD playback.

Note

- Buttons Enabled for TV Operation: POWER, CHANNEL, VOLUME, TV/VIDEO, and Numeric (0-9) buttons.
- By default, the remote control is set to work with Samsung TVs.
  See page 65 for more information about remote control operation with other manufacturer’s TVs.

Disc terminology

Groups and tracks (DVD-AUDIO)
- DVD-audio is divided into several large sections called "groups" and smaller sections called "tracks". Numbers are allotted to these sections. These numbers are called "group numbers" and "track numbers".

Titles and chapters (DVD-VIDEO)
- DVD-video is divided into several large sections called "titles" and smaller sections called "chapters". Numbers are allotted to these sections. These numbers are called "title numbers" and "chapter numbers".

Tracks (Video and music CDs)
- Video and music CDs are divided into sections called "tracks". Numbers are allotted to these sections. These numbers are called "track numbers".

Files (DivX)
- DivX is divided into sections called "files". Numbers are allotted to these sections. These numbers are called "file numbers".

Note

- In this manual, the instructions marked with "DVD (               )" are applicable to DVD-VIDEO, DVD-AUDIO, and DVD-R/RW discs.
  Where a particular DVD type is mentioned, it is indicated separately.
- Depending on the content of the disc, the initial screen may appear different.
Disc Playback

1. Press OPEN/CLOSE button to open the disc tray.

2. Load a disc.
   - Place a disc gently into the tray with the disc’s label facing up.

3. Press DISC SKIP button.
   - Rotate the carousel tray so you can load the third, fourth, and fifth discs.

4. Close the compartment by pressing the OPEN/CLOSE button again.
   - Playback starts automatically.

Note: Depending on the content of the disc, the initial screen may appear different.

Selecting a Disc in the Disc changer

The DVD/CD function is automatically selected when Disc Skip is pushed.

To select a specific disc, press the corresponding DIRECT PLAY (1, 2, 3, 4, 5) buttons on the front panel or DISC SKIP on the remote control, until the required disc indicator flashes.

- If the disc selected is not loaded, the next disc is played automatically.

To stop playback, press STOP during playback.

- If pressed once, “PRESS PLAY” is displayed and the stop position will be stored in memory.
- If PLAY/PAUSE (►) button or ENTER button is pressed, playback resumes from the stop position.
  (This function works only with DVDs.)
- If pressed twice, “STOP” is displayed, and if PLAY/PAUSE (►) button is pressed, playback starts from the beginning.

To temporarily pause playback, press PLAY/PAUSE during playback.

- To resume playback, press PLAY/PAUSE (►) button again.
**MP3/WMA-CD Playback**

Data CDs (CD-ROM, CD-R, CD-RW) encoded in MP3/WMA format can be played.

**To play a file icon in the screen,**

Press the \(\uparrow\downarrow\uparrow\downarrow\) button when it is in stop status and select a desired icon from the top part of the menu.

- To play music files only, select the icon.
- To view image files only, select the icon.
- To view movie files only, select the icon. To select all files select the icon.

**Displaying Disc Information**

You can view disc playback information on the TV screen.

Press the OPEN/CLOSE button to open the disc tray, and then load the MP3/WMA disc.

**In Stop mode, use \(\uparrow\downarrow\uparrow\downarrow\) to select the album, and then press the ENTER button.**

**To change the album, use \(\uparrow\downarrow\uparrow\downarrow\) to select another album in Stop mode, and then press the ENTER button.**

**Press the STOP button to stop playback.**

- Depending on the recording mode, some MP3/WMA-CDs may not play.
- Table of contents of a MP3-CD varies depending on the MP3/WMA track format recorded on the disc.

- Depending on the disc, the disc information display may appear different.
- Depending on the disc, you can also select DTS, DOLBY DIGITAL, or PRO

**To select another album and track,** repeat Steps 2 and 3 above.

**Press the INFO button.**

Each time the button is pressed, the display changes as follows:

- DVD
  - The information display disappears from the screen
- CD
  - The information display disappears from the screen

**What is a Group?**
A section of tracks contained in a DVD-AUDIO disc.

**What is a Title?**
A movie contained in a DVD-VIDEO disc.

**What is a Chapter?**
Each title on a DVD disc is divided into several smaller sections called "chapters".

**What is a Track (File)?**
A section of video or a music file recorded on a DVD-AUDIO, CD, or MP3-CD.

**Screen Display**

- DVD display
- CD display
- DVD-AUDIO display
- DVD display
- TITLE display
- GROUP display
- CHAPTER display
- TRACK (FILE) display
- SUBTITLE display
JPEG File Playback

Images captured with a digital camera or camcorder, or JPEG files on a PC can be stored on a CD and then played back with this Home Theater.

Slide Mode

1. Place the JPEG disc on the disc tray.

2. Press the OPEN/CLOSE button.

3. Press SLIDE MODE button.

   • Playback starts automatically.
   • Each time the button is pressed, the image makes the transition as follows:

   - SLIDE SHOW MODE: 1
     - From top to bottom
   - SLIDE SHOW MODE: 2
     - From bottom to top
   - SLIDE SHOW MODE: 3
     - Rectangular shape in the center
   - SLIDE SHOW MODE: 4
     - Vertical blinds effect
   - SLIDE SHOW MODE: 5
     - Each time a new image is displayed, slide modes (1–11) will be applied randomly and automatically.
   - SLIDE SHOW MODE: 6
     - Cancels the slide mode.

   Press ◀◀ to skip to the next slide.

   • Each time the button is pressed, the slide moves backward or forward.

Digest Function

You can view 9 JPEG images on the TV screen.

1. Press DIGEST button during playback.

   • JPEG files will be shown in 9 windows.

   • The selected image is played for 5 seconds before moving to the next image.

   To view the previous or next image with 9 windows, press ◀◀◀◀ .

Rotator/Flip Function

Press Cursor ▲, ▼, ◄, ► buttons during playback.

- Button: Rotate 90° Counterclockwise
- Button: Flip Vertically
- Button: Flip Horizontally

Note

- The maximum resolutions supported by this product are 5120 x 3480 (or 19.0 MPixel) for standard JPEG files and 2048 x 1536 (or 3.0 MPixel) for progressive image files.
DivX Playback

The functions on this page apply to DivX disc playback.

**Skip Forward/Back**

During playback, press the ▶▷ or ◀◀ button.
- Goes to the next file whenever you press ◀◀ button, if there are over 2 files in the disk.
- Goes to the previous file whenever you press ▶▷ button, if there are over 2 files in the disk.

**Fast playback**

To play back the disc at a faster speed, press ◀◀ or ▶▷ during playback.
- Each time you press either button, the playback speed will change as follows: 2x → 4x → 8x → 32x → Normal.

**5 Minute Skip function**

During playback, press the ◀◀, ◀ or ▶▷ button.
- Playback skips 5 minutes forward whenever you press ▶▷ button.
- Playback skips 5 minutes back whenever you press ◀◀ button.

**Zoom Function**

1. Press ZOOM button.
2. Press Cursor ▲, ▼, ◀, or ▶▷ buttons to move to the area you want to enlarge.

Note: DivX file can be zoomed only in ZOOM X2 mode.

Press the SUBTITLE button.

- Each time you press the button, your selection will toggle between “SUBTITLE (1/1, 1/2 …)” and “SUBTITLE OFF”.
- See number 2 (Caption Function) below for more details concerning Subtitle usage with DivX discs.

**Audio Display**

Press the AUDIO button.

- If there are multiple audio tracks on a disc, you can toggle between them.
- Each time you press the button, your selection will toggle between "AU/DIX(1/1, 1/2 …)” and "AU/DIX OFF”.

DivX (Digital internet video eXpress)

DivX is a video file format developed by Microsoft and is based on MPEG4 compression technology to provide audio and video data over the Internet in real-time. MPEG4 is used for video encoding and MP3 for audio encoding so that the users can watch a movie at near DVD-quality video and audio.

1. Supported Formats
   - This product only supports the following media formats. If both video and audio formats are not supported, the user may experience problems such as broken images or no sound.

   **Supported Video Formats**

<table>
<thead>
<tr>
<th>Format</th>
<th>AVI</th>
<th>WMV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supported Versions</td>
<td>DivX 3.11 ~ 5.1</td>
<td>V1/V2/V3/V7</td>
</tr>
</tbody>
</table>

   **Supported Audio Formats**

<table>
<thead>
<tr>
<th>Format</th>
<th>MP3</th>
<th>WMA</th>
<th>AC3</th>
<th>DTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bit Rate</td>
<td>80~384kbps</td>
<td>64~128kbps</td>
<td>128~384kbps</td>
<td>1.5Mbps</td>
</tr>
<tr>
<td>Sampling Frequency</td>
<td>44.1khz</td>
<td>44.1/48khz</td>
<td>44.1khz</td>
<td></td>
</tr>
</tbody>
</table>

   - DivX files, including audio and video files, created in the DTS format can only support up to 6Mbps.
   - Aspect Ratio: Although default DivX resolution is 640*480 pixels (4:3), this product supports up to 720*480 pixels (16:9). TV screen resolutions higher than 800 will not be supported.
   - When you play a disc whose sampling frequency is higher than 48khz or 320kbps, you may experience shaking on the screen during playback.

2. Caption Function
   - You must have some experience with video extraction and editing in order to use this feature properly.
   - To use the caption function, save the caption file (*.smi) in the same file name as that of the DivX media file (*.avi) within the same folder.

   Example: Root Samsung_001CD1.avi
   Samsung_001CD1.smi

   - Up to 60 alphanumeric characters or 30 East Asian characters (2 byte characters such as Korean and Chinese) for the file name.
Checking the Remaining Time

Press the REMAIN button.
- For checking the total and remaining time of a title or chapter being played.

Each time the REMAIN button is pressed

- DVD VIDEO
  - TITLE ELAPSED
  - TITLE REMAIN
  - CHAPTER ELAPSED
  - CHAPTER REMAIN

- DVD AUDIO
  - GROUP ELAPSED
  - GROUP REMAIN
  - TRACK ELAPSED
  - TRACK REMAIN

- CD
  - TRACK ELAPSED
  - TRACK REMAIN
  - TOTAL REMAIN
  - TOTAL ELAPSED

- MP3
  - TRACK ELAPSED
  - TRACK REMAIN

Fast/Slow Playback

Fast Playback

- DVD
- CD
- MP3

Press.
- Each time the button is pressed during playback, the playback speed changes as follows:

- Slow Playback

- DVD
- CD
- MP3

Press SLOW button.
- Each time the button is pressed during playback, the playback speed changes as follows:

Notes
- During fast playback of a CD or MP3-CD, sound is heard only at 2x speed, and not at 4x, 8x, and 32x speeds.
- No sound is heard during slow playback and step motion playback.
- Reverse slow playback does not work with DivX.

Skipping Scenes/Songs

Press.
- Each time the button is pressed briefly during playback, the previous or next chapter, track, or directory (file) will be played.
- You cannot skip chapters consecutively.
Repeat Playback
Repeat playback allows you to repeatedly play a chapter, title, track (song), or directory (MP3 file).

Press REPEAT button.
• Each time the button is pressed during playback, the repeat playback mode changes as follows:

**Repeat Playback Options**
- **CHAPTER**: Repeatedly plays the selected chapter.
- **TITLE**: Repeatedly plays the selected title.
- **GROUP**: Repeatedly plays the selected group.
- **RANDOM**: Plays tracks in random order. (A track that has already been played may be played again.)
- **TRACK**: Repeatedly plays the selected track.
- **DIR**: Repeatedly plays all tracks in the selected folder.
- **DISC**: Repeatedly plays the entire disc.
- **OFF**: Cancels Repeat Playback.

**To Select a Repeat Playback Mode in the Disc Information Screen**
1. Press INFO button twice.
2. Press Cursor button to move to REPEAT PLAYBACK ( ) display.
3. Press Cursor button to select the desired Repeat Playback mode.
4. Press ENTER button.

Note:
- For CD, MP3, and JPEG discs, you cannot select Repeat Play from the information display screen.

A-B Repeat Playback
You can repeatedly play back a designated section of a DVD.

**Repeat playback allows you to repeatedly play a chapter, title, track (song), or directory (MP3 file).**

Press REPEAT button.
• Each time the button is pressed during playback, the repeat playback mode changes as follows:

**Repeat Playback Options**
- **CHAPTER**: Repeatedly plays the selected chapter.
- **TITLE**: Repeatedly plays the selected title.
- **GROUP**: Repeatedly plays the selected group.
- **RANDOM**: Plays tracks in random order. (A track that has already been played may be played again.)
- **TRACK**: Repeatedly plays the selected track.
- **DIR**: Repeatedly plays all tracks in the selected folder.
- **DISC**: Repeatedly plays the entire disc.
- **OFF**: Cancels Repeat Playback.

**To Select a Repeat Playback Mode in the Disc Information Screen**
1. Press INFO button twice.
2. Press Cursor button to move to REPEAT PLAYBACK ( ) display.
3. Press Cursor button to select 'A-' and then press ENTER button at the beginning of the desired segment.
4. Press ENTER button at the end of the desired segment.

**Note**
- The specified segment will be played repeatedly.

To return to normal playback, press Cursor buttons to select OFF.

**For a CD once.**
Step Function

Press STEP button.
- The picture moves forward one frame each time the button is pressed during playback.

Zoom (Screen Enlarge) Function

Press ZOOM button.
- Each time the button is pressed, the zoom level changes as follows:
  - ZOOM OFF
  - ZOOM X 1.5
  - ZOOM X 2
  - ZOOM X 3

2 Press Cursor up, down, left, or right buttons to move to the area you want to enlarge.

3 Press ENTER button.
- Each time the button is pressed, the zoom function will switch between On and Off.

Angle Function

Press INFO button.
- The picture moves forward one frame each time the button is pressed during playback.

Press Cursor up, down, left, or right or numeric buttons to move to ANGLE (.Angle) display.

Press Cursor up, down, left, or right or numeric buttons to select the desired angle.
- Each time the button is pressed, the angle changes as follows:
  - Angle 1
  - Angle 2
  - Angle 3

- The Angle function works only with discs on which multiple angles have been recorded.

Note
- When a DivX disc is being played, only the 2:1 zoom-in is available.

EZ VIEW Function

Press EZ VIEW button.
- Each time the button is pressed, the zoom function will switch between On and Off.
- When a movie is played in Widescreen format, black bars at the top and bottom of the TV screen can be removed by pressing the EZ VIEW button.

Note
- This function will not work if the DVD is recorded with multi-camera angle format.
- Black bars may not disappear because some DVD discs have a built-in horizontal to vertical ratio.
- This feature is not supported for DivX discs.
**Bonus Group / Navigating Pages**

### Bonus Group

Some DVD-Audio discs have an extra ‘bonus’ group that requires a 4-digit key number to access. See the disc packaging for details and the key number.

When you play a DVD-Audio disc that has a bonus group, the key number input screen appears automatically.

**Note**

- If you eject the disc, switch the power off, or unplug the player, you will need to re-enter the key number.

### Navigating Pages

During playback, press the **TUNING/CH** button on the remote control.

- You can select the desired image from a DVD-Audio disc containing still images.
- With some discs, you may not be able to select images.

---

**Selecting Audio/Subtitle Language**

### Audio Language Selection Function

1. Press **INFO** button twice.
2. Press Cursor **▲,▼** buttons or numeric buttons to select the desired audio language.

- Depending on the number of languages on a DVD disc, a different audio language (ENGLISH, SPANISH, FRENCH, etc.) is selected each time the button is pressed.

### Subtitle Language Selection Function

1. Press **INFO** button twice.
2. Press Cursor **button to move to SUBTITLE ( ) display.**
3. Press Cursor **▼** button or numeric buttons to select the desired subtitle.

**Note**

- To operate this function, you can also press the Select **AUDIO** or Select **SUBTITLE** buttons on the remote control.
- Depending on the disc, the Subtitle and Audio Language functions may not be available.
Playing Media Files using the USB HOST feature

You can enjoy media files such as pictures, movies and music saved in an MP3 player, USB memory or digital camera in high quality video with 5.1 channel home theater sound by connecting the storage device to the USB port of the home theater.

1 Connect the USB device to the USB port on the rear of the unit.

2 Press the FUNCTION button on the main unit or the USB button on the remote control to select the USB mode.

• "USB" appears on the display screen and then disappears.
• USB MENU screen appears on the TV screen and the saved file is played.

To stop playback, press the STOP (■) button.

Safe USB Removal
To prevent damage to the memory stored in the USB device, perform safe removal before disconnecting the USB cable.

1) Press the Stop button twice in a row.

The display will show REMOVE ➞ USB.

2) Remove the USB cable.

Skip Forward/Back
During playback, press the (►◄) button.

• When there is more than one file, when you press the ► button, the next file is selected.
• When there is more than one file, when you press the ◄ button, the previous file is selected.

Fast playback
To play back the disc at a faster speed, press ◄ or ► during playback.

• Each time you press either button, the playback speed will change as follows:
  2x ➞ 4x ➞ 8x ➞ 32x ➞ Normal.

<table>
<thead>
<tr>
<th>Supported Formats</th>
<th>File name</th>
<th>File extension</th>
<th>Bit rate</th>
<th>Version</th>
<th>Pixel</th>
<th>Sampling Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Still Picture</td>
<td>JPG</td>
<td>.JPEG</td>
<td></td>
<td></td>
<td>640*480</td>
<td></td>
</tr>
<tr>
<td>Music</td>
<td>MP3</td>
<td>.MP3</td>
<td>80~384kbps</td>
<td></td>
<td></td>
<td>44.1KHz</td>
</tr>
<tr>
<td>Movie</td>
<td>WMA</td>
<td>.WMA</td>
<td>56~128kbps</td>
<td>V8</td>
<td></td>
<td>44.1KHz</td>
</tr>
<tr>
<td></td>
<td>WMV</td>
<td>.WMV</td>
<td>4Mbps</td>
<td>V1, V2, V7</td>
<td>720*480</td>
<td>44.1KHz~48KHz</td>
</tr>
<tr>
<td></td>
<td>DivX</td>
<td>.AVI, .ASF</td>
<td>4Mbps</td>
<td></td>
<td>720*480</td>
<td>44.1KHz~48KHz</td>
</tr>
</tbody>
</table>

• CBI (Control/Bulk/Interrupt) is not supported.
• Digital Cameras that use PTP protocol or require additional program installation when connected to a PC are not supported.
• A device using NTFS file system is not supported.
• Some MP3 players, when connected to this product, may not operate depending on the sector size of their file system.
• The USB HOST function is not supported if a product that transfers media files by its manufacturer-specific program is connected.
• Does not operate with Janus enabled MTP (Media Transfer Protocol) devices.
• The USB host function of this product does not support all USB devices. For information on the supported devices, see pages 71.
Moving Directly to a Scene/Song

1. In Stop mode, press MENU button.
2. Press Cursor \(\uparrow, \downarrow\) buttons to move to 'Disc Menu' and then press ENTER button.
3. Press Cursor \(\leftarrow, \rightarrow\) buttons to select the desired item.
4. Press ENTER button.
5. Press Cursor \(\uparrow, \downarrow\) buttons to move to time display.
6. Press the numeric buttons to select the desired time and then press ENTER button.
7. Press the numeric buttons to select the desired chapter and then press ENTER button.
8. Press the numeric buttons to select the desired title/track and then press ENTER button.
9. Press Cursor \(\uparrow, \downarrow\) buttons to move to Title Menu.
10. Press the numeric buttons to select the desired title, chapter, or track.

Using Disc Menu

You can use the menus for the audio language, subtitle language, profile, etc. DVD menu contents differ from disc to disc.

1. In Stop mode, press MENU button.
2. Press Cursor \(\uparrow, \downarrow\) buttons to move to 'Disc Menu' and then press ENTER button.
3. Press Cursor \(\leftarrow, \rightarrow\) buttons to select the desired item.
4. Press ENTER button.
5. Press Cursor \(\uparrow, \downarrow\) buttons to move to Chapter (\(\uparrow\downarrow\)) display.
6. Press the numeric buttons to move to time display.
7. Press the numeric buttons to select the desired time and then press ENTER button.

Using the Title Menu

For DVDs containing multiple titles, you can view the title of each movie. Depending on the disc, the availability of this feature may vary.

1. In Stop mode, press MENU button.
2. Press Cursor \(\uparrow, \downarrow\) button to move to 'Title Menu'.
3. Press ENTER button.
4. The title menu appears.

Note:
- Title menu display may be different depending on the disc.
Setting the Language

OSD (On-Screen Display) language is set to English by default.

1. In Stop mode, press MENU button.
2. Press Cursor button to move to 'Setup' and then press ENTER button.
3. Select 'Language' and then press ENTER button.
4. Press Cursor button to select 'OSD Language' and then press ENTER button.
5. Press Cursor button to select the desired language and then press ENTER button.

Press RETURN button to return to the previous level.
Press MENU button to exit the setup screen.

Note:
- To select another language, select OTHER and enter the language code of your country. (See page 70 for language codes)
- AUDIO, SUB TITLE and DISC MENU language can be selected.

Selecting the OSD Language
Selecting the Audio Language (recorded on the disc)
Selecting the Subtitle Language (recorded on the disc)
Selecting the Disc Menu Language (recorded on the disc)
- If the language you selected is not recorded on the disc, menu language will not change even if you set it to your desired language.
Setting TV Screen type

Depending on your TV type (Wide Screen or conventional 4:3), you can select the TV’s aspect ratio.

1. In Stop mode, press MENU button.

2. Press Cursor ▼ button to move to ‘Setup’ and then press ENTER button.

3. Press Cursor ▼ button to move to ‘TV DISPLAY’ and then press ENTER button.

4. Press Cursor ▷▼ button to select the desired item and then press ENTER button.

• Once the setup is complete, you will be taken to the previous screen.

Press RETURN button to return to the previous level.

Press MENU button to exit the setup screen.

Adjusting the TV Aspect Ratio (Screen Size)

The horizontal to vertical screen size ratio of conventional TVs is 4:3, while that of widescreen and high definition TVs is 16:9. This ratio is called the aspect ratio. When playing DVDs recorded in different screen sizes, you should adjust the aspect ratio to fit your TV or monitor.

• For a standard TV, select either “4:3LB” or “4:3PS” option according to personal preference. Select “16:9” if you have a widescreen TV.

- **WIDE**
  - Select this to view a 16:9 picture in the full-screen mode on your widescreen TV.
  - You can enjoy the widescreen aspect.

- **4:3LB** (4:3 Letterbox)
  - Select this to play a 16:9 picture in the letter box mode on a conventional TV.
  - Black bars will appear at the top and bottom of the screen.

- **4:3PS** (4:3 Pan & Scan)
  - Select this to play a 16:9 picture in the pan & scan mode on a conventional TV.
  - You can see the central portion of the screen only (with the sides of the 16:9 picture cut off).

Note

- If a DVD is in the 4:3 ratio, you cannot view it in widescreen.
- Since DVD discs are recorded in various image formats, they will look different depending on the software, the type of TV, and the TV aspect ratio setting.
### Setting Parental Controls (Rating Level)

Use this to restrict playback of adult or violent DVDs you do not want children to view.

1. In Stop mode, press **MENU** button.
2. Press Cursor ▼ button to move to ‘Setup’ and then press **ENTER** button.
3. Press Cursor ▼ button to move to ‘PARENTAL’ and then press **ENTER** button.
4. Press Cursor ▲, ▼ button to select the desired rating level and then press **ENTER** button.
   - If you have selected Level 6, you cannot view DVDs with Level 7 or higher.
   - The higher the level, the closer the content is to violent or adult material.
5. Enter the password and then press **ENTER** button.

- **Note**: This function works only if a DVD disc contains the rating level information.

**Press RETURN** button to return to the previous level.

**Press MENU** button to exit the setup screen.

### Setting the Password

You can set the password for the Parental (rating level) setting.

1. Press **MENU** button.
2. Press Cursor ▼ button to move to ‘Setup’ and then press **ENTER** button.
3. Press Cursor ▼ button to move to ‘PASSWORD’ and then press **ENTER** button.
4. Press **ENTER** button.
5. Enter the password and then press **ENTER** button.

- **Note**: The password is set to “7890” by default.

**If you have forgotten the rating level password, do the following:**

- While the player is in the no disc mode, hold the main unit’s button for longer than 5 seconds. “INITIALIZE” appears on the display and all settings will return to the default values.
- Press the POWER button. Using the RESET function will erase all stored settings. Do not use this unless necessary.
Setting the Wallpaper

While watching a DVD or JPEG CD, you can set the image you like as background wallpaper.

**Setting the Wallpaper**

1. **During playback,** press the **PLAY/PAUSE** button when an image you like appears.

2. **Press LOGO button.**

   * "COPY LOGO DATA" will be displayed on the TV screen.

3. **The power will turn off and then back on.**

   * The selected wallpaper will be displayed.
   * You can select up to 3 wallpaper settings.

**To select one of the 3 wallpaper settings you've made**

1. **In Stop mode,** press the **MENU** button.

2. **Press Cursor ▼ button to move to 'Setup' and then press ENTER button.**

3. **Press Cursor ▼ button to move to 'LOGO' and then press ENTER button.**

4. **Press ▼ to select the desired 'USER', and then press ENTER.**

   * This selects one of the 3 wallpaper screens

5. **Press MENU button to exit the setup screen.**

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.
**DVD Playback Mode**

Some DVD-Audio discs contain DVD-Video as well as DVD-Audio. To play back the DVD-Video portion of the DVD-Audio disc, set the unit to DVD-Video mode.

1. Press the **MENU** button while the disc tray is open.
2. Press Cursor ▼ button to move to ‘Setup’ and then press **ENTER** button.
3. Press Cursor ▼ button to move to ‘DVD TYPE’ and then press **ENTER** button.
4. Press Cursor ▼ button to move to ‘DVD VIDEO’ and then press **ENTER** button.

**Note**

- DVD Play mode is set to DVD Audio as factory default setting.
- Powering off the main unit will automatically switch to the DVD Audio mode.

**DivX (R) registration**

- Please use the Registration code to register this player with the DivX (R) video on demand format. To learn more, go to www.divx.com/vod.

**Setting the Speaker Mode**

Signal outputs and frequency responses from the speakers will automatically be adjusted according to your speaker configuration and whether certain speakers are used or not.

1. In Stop mode, press **MENU** button.
2. Press Cursor ▼ button to move to ‘Audio’ and then press **ENTER** button.
3. In the Speaker Setup, press the **ENTER** button again.
4. Press Cursor ▼, ▲ buttons to move to the desired speaker and then press **ENTER** button.

**Note**

- For C, SL, and SR, each time the button is pressed, the mode switches alternately as follows: SMALL → NONE.
- For L and R, the mode is set to SMALL.

**Note**

- SET: Select this when using the speakers.
- NONE: Select this when no speakers are connected.

**Note**

- Depending on PRO LOGIC and STEREO settings, the speaker mode may vary (see page 59).
Setting the Delay Time

If the speakers cannot be placed at equal distances from the listening position, you can adjust the delay time of the audio signals from the center and rear speakers.

Setting up the Speaker Delay Time

When 5.1CH Surround Sound is played, you can enjoy the best sound if the distance between you and each speaker is the same. Since the sounds arrive at the listening position at different times depending on the placement of speakers, you can adjust this difference by adding a delay effect to the sound of the Center and Surround Speakers.

1. In Stop mode, press MENU button.
2. Press Cursor button to move to ‘Audio’ and then press ENTER button.
3. Press Cursor button to move to ‘DELAY TIME’ and then press ENTER button.
4. Press Cursor , , buttons to move to the desired speaker and then press ENTER button.
5. Press Cursor , , to set the Delay time.

Note

• With Dolby Pro Logic II, the delay time may be different for each mode.
• With AC-3 and DTS, the delay time can be set between 00 and 15mSEC.
• The Center channel is only adjustable on 5.1 channel discs.

Setting up the Speaker Delay Time

When 5.1CH Surround Sound is played, you can enjoy the best sound if the distance between you and each speaker is the same. Since the sounds arrive at the listening position at different times depending on the placement of speakers, you can adjust this difference by adding a delay effect to the sound of the Center and Surround Speakers.

Note

• With Dolby Pro Logic II, the delay time may be different for each mode.
• With AC-3 and DTS, the delay time can be set between 00 and 15mSEC.
• The Center channel is only adjustable on 5.1 channel discs.

• Setting CENTER SPEAKER
If the distance of Dc is equal to or longer than the distance of Df in the figure, set the mode as 0ms. Otherwise, change the setting according to the table.

Distance between Df and Dc | Delay Time
---|---
13.6 inches | 1 ms
27.2 inches | 2 ms
40.8 inches | 3 ms
5.6 feet | 4 ms

• Setting REAR (SURROUND) SPEAKERS
If the distance of Df is equal to the distance of Ds in the figure, set the mode as 0ms. Otherwise, change the setting according to the table.

Distance between Df and Ds | Delay Time
---|---
0 inch | 0 ms
4.5 feet | 2 ms
5.6 feet | 3 ms
6.7 feet | 4 ms
8.6 feet | 5 ms
10.0 feet | 6 ms
13.4 feet | 9 ms
16.7 feet | 12 ms

• Setting REAR (SURROUND) SPEAKERS
If the distance of Df is equal to the distance of Ds in the figure, set the mode as 0ms. Otherwise, change the setting according to the table.

Distance between Df and Ds | Delay Time
---|---
0 inch | 0 ms
4.5 feet | 2 ms
5.6 feet | 3 ms
6.7 feet | 4 ms
8.6 feet | 5 ms
10.0 feet | 6 ms
13.4 feet | 9 ms
16.7 feet | 12 ms

It is desirable to place all speakers within this circle.
Df: The distance from FRONT SPEAKER
Do: The distance from CENTER SPEAKER
D: The distance from SURROUND SPEAKER
Setting the Test Tone

Use the Test Tone feature to check the speaker connections.

1. In Stop or no disc mode, press MENU button.

2. Press Cursor ▼ button to move to ‘Audio’ and then press ENTER button.

3. Press Cursor ▼ button to move to ‘TEST TONE’ and then press ENTER button.

   • The test tone will be sent to L ➝ C ➝ R ➝ SR ➝ SL ➝ SW in order. If the ENTER button is pressed again at this time, the test tone will stop.

Press RETURN button to return to the previous level.

Press MENU button to exit the setup screen.

Alternate method: press the TEST TONE button on the remote.

Press TEST TONE button.

• Test tone will be produced as follows:
  When playing a DVD or CD, this will work only in Stop mode.
  • Use this function to check that each speaker is correctly connected and that there is no problem.

To end the test tone, press TEST TONE button again.

Setting the DRC (Dynamic Range Compression)

This feature balances the range between the loudest and quietest sounds. You can use this function to enjoy Dolby Digital sound when watching movies at low volume at night.

1. In Stop or no disc mode, press MENU button.

2. PressCursor ▼ button to move to ‘Audio’ and then press ENTER button.

3. Press Cursor ▼ button to move to ‘DRC’ and then press ENTER

   • When the Cursor ▲ button is pressed, the effect is greater, and when the Cursor ▼ button is pressed, the effect is smaller.

4. Press Cursor ▲, ▼ to adjust the ‘DRC’.

Press RETURN button to return to the previous level.

Press MENU button to exit the setup screen.
Setting the Audio

You can adjust the balance and level for each speaker.

1. In Stop mode, press MENU button.
2. Press Cursor ▼ button to move to 'Audio' and then press ENTER button.
3. Press Cursor ▼ button to move to 'SOUND EDIT' and then press ENTER button.
4. Press Cursor ▼, ▲ buttons to select and adjust the desired item. Press the ▼, ▲ buttons to adjust the settings.

Adjusting Front Speaker Balance

5. Press SOUND EDIT button and then press Cursor ▼, ▲.
6. Press RETURN button to return to the previous level.

Note

- Adjusting Front/Rear Speaker Balance
  - You can select between 00 and –06 and OFF.
  - The volume decreases as you move closer to –6.

- Adjusting Center/Rear/Subwoofer Speaker Level
  - The volume level can be adjusted in steps from +6dB to –6dB.
  - The sound gets louder as you move closer to +6dB and quieter as you get closer to -6dB.

Press MENU button to exit the setup screen.
AV SYNC Setup

1. Press the MENU button.
   - Setup menu appears.

2. Press Cursor ▲,▼ buttons to move to ‘Audio’ and then press ENTER button.

3. Press Cursor ▲,▼ buttons to move to ‘AV-SYNC’ and then press ENTER button.
   - You can set the audio delay time between 0 ms and 300 ms. Set it to the optimal status.

4. Press Cursor ▲,▼ buttons to select the AV-SYNC Delay Time and then press the ENTER button.

Press RETURN button to return to the previous level.
Press MENU button to exit the setup screen.

Sound Field (DSP)/EQ Function

DSP (Digital Signal Processor) DSP modes have been designed to simulate different acoustic environments.
EQ: You can select ROCK, POP, or CLASSIC to optimize the sound for the genre of music you are playing.

Press DSP/EQ button.

- “DSP” appears on the display panel.
- Each time the button is pressed, the selection changes as follows:

POP, JAZZ, ROCK:
Depending on the genre of music, you can select POP, JAZZ, and ROCK.

STUDIO: Provides a sense of presence as if in a studio.

CLUB: Simulates the sound of a dance club with a throbbing bass beat.

HALL: Provides a clear vocal as if listening in a concert hall.

MOVIE: Provides the feeling of a movie theater.

CHURCH: Gives the feel of being in a grand church.

PASS: Select this for normal listening.

Note:
- DSP/EQ function is only available in STEREO mode.
- Press the C2 PL II mode button to show STEREO on the display.
- This feature works with CDs, MP3-CDs, 2 channel DVD-Audio, DivX and Dolby Digital discs.
- When playing a DVD disc encoded with two or more channels, multi-channel mode will be selected automatically and DSP/EQ function does not work.
Dolby Pro Logic II Mode
You can select the desired Dolby Pro Logic II audio mode.

Press PL II MODE button.
• Each time the button is pressed, the mode changes as follows.

- Music
- Cinema
- Pro Logic II
- Matrix
- Stereo

PRO LOGIC II
• MUSIC: When listening to music, you can experience sound effects as if you are listening to the actual performance.
• CINEMA: Adds realism to the movie soundtrack.
• PRO LOGIC: You will experience a realistic multi-channel effect, as if using five speakers, while using just the front left and right speakers.
• MATRIX: You will hear 5.1 channel surround sound.
• STEREO: Select this to listen to sound from the front left and right speakers and the subwoofer only.

Note
• When selecting Pro Logic II mode, connect your external device to the AUDIO INPUT jacks (L and R) on the player. If you connect to only one of the inputs (L or R), you cannot listen to surround sound.

Dolby Pro Logic II Effect
This function works only in Dolby Pro Logic MUSIC mode.

1. Press PL II MODE button to select ‘MUSIC’ mode.
2. Press PL II EFFECT button to select Panorama, then press Cursor <, > buttons to select the desired effect setting.
   • You can select either 0 or 1.
   • This mode extends the front stereo image to include the surround speakers for an exciting “wraparound” effect with side wall imaging.

3. Press PL II EFFECT button to select C-Width, then press Cursor <, > buttons to select the desired effect setting.
   • You can select between 0 and 7.
   • This sets the width of the center image. The higher the setting, the less sound comes from the center speaker.

4. Press PL II EFFECT button to select Dimension, then press the Cursor <, > buttons to select the desired setting.
   • You can select between 0 and 6.
   • Incrementally adjusts the sound field (DSP) from the front or rear.

Note
• When playing a DVD disc encoded with two or more channels, multi-channel mode will be selected automatically and PL I (Dolby Pro Logic II) button does not work.
**Listening to Radio**

**Remote Control Unit**

1. Press the TUNER button and select the FM band.
2. Tune into the desired station.

**Main Unit**

1. Press the FUNCTION button to select the FM band.
2. Select a broadcast station.

---

**Presetting Stations**

**Example: Presetting FM 89.1 in the memory**

1. Press the TUNER button and select the FM band.
2. Press TUNING/CH to select "89.10".
3. Press the TUNER MEMORY button.
4. Press the TUNER MEMORY button to select preset number.
5. Press the TUNER MEMORY button again.
6. To preset another station, repeat steps 2 to 5.

**Note**
- This unit does not receive AM broadcasts.
- Each time the button is pressed, the sound switches between "STEREO" and "MONO".
- In a poor reception area, select MONO for a clear, interference-free broadcast.

Press MO/ST button to listen in Mono/Stereo.
(This applies only when listening to an FM station.)

To tune into a preset station, press on the remote control to select a channel.
Convenient Functions

Sleep Timer Function
You can set the time that the Home Theater will shut itself off.

Press SLEEP button.

• "SLEEP" will be displayed. Each time the button is pressed, the preset time changes as follows: 10 ➝ 20 ➝ 30 ➝ 60 ➝ 90 ➝ 120 ➝ 150 ➝ OFF.

To confirm the sleep timer setting, press SLEEP button.
• The remaining time before the Home Theater will shut itself off is displayed.
• Pressing the button again changes the sleep time from what you have set earlier.

To cancel the sleep timer, press SLEEP button until OFF appears on the display.

Mute Function
This is useful when answering a doorbell or telephone call.

Press MUTE button.

• 'MUTE ON' appears in the display.
• To restore the sound, press the button again to select 'MUTE OFF'.

Using Headphones
Use headphones (not supplied) for private listening pleasure.

Connect the headphones to the PHONES jack for private listening.

Caution
• To prevent hearing damage, do not increase the volume excessively when using headphones.

Adjusting Display Brightness
You can adjust the brightness of the display on the main unit so it won’t interfere with your movie viewing.

Press DIMMER button.

• Each time the button is pressed, the brightness changes as follows: DARK ➝ BRIGHT.
Operating a TV with the Remote Control

### When operating a TV with the remote control

1. Press TV button to select TV mode.
2. Press POWER button to turn on the TV.
3. Point the remote control toward the TV.
4. While holding down POWER, enter the code corresponding to your brand of TV.
   - If the code matches the TV’s code, the TV will be turned off.
   - If there is more than one code listed for your TV in the table, enter one at a time to determine which code works.
   **Example:** For a Samsung TV
   While holding down POWER, use the number buttons to enter 00, 01, 02, 03, 04, and 05.
5. Point the remote control toward the TV and press POWER. If the TV turns off or on, the setting is complete.

**Note**

- The remote control may not work on some brands of TVs. Also, some operations may not be possible depending on your brand of TV.
- If you do not set the remote control with the code for your brand of TV, the remote control will work on a Samsung TV by default.

### TV Brand Code List

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>001, 015</td>
<td>02</td>
<td>057, 058</td>
</tr>
<tr>
<td>03</td>
<td>001, 015</td>
<td>04</td>
<td>001, 015</td>
</tr>
<tr>
<td>05</td>
<td>057, 058</td>
<td>06</td>
<td>057, 058</td>
</tr>
<tr>
<td>07</td>
<td>057, 058</td>
<td>08</td>
<td>057, 058</td>
</tr>
<tr>
<td>09</td>
<td>057, 058</td>
<td>10</td>
<td>057, 058</td>
</tr>
<tr>
<td>11</td>
<td>057, 058</td>
<td>12</td>
<td>057, 058</td>
</tr>
<tr>
<td>13</td>
<td>057, 058</td>
<td>14</td>
<td>057, 058</td>
</tr>
<tr>
<td>15</td>
<td>057, 058</td>
<td>16</td>
<td>057, 058</td>
</tr>
<tr>
<td>17</td>
<td>057, 058</td>
<td>18</td>
<td>057, 058</td>
</tr>
<tr>
<td>19</td>
<td>057, 058</td>
<td>20</td>
<td>057, 058</td>
</tr>
<tr>
<td>21</td>
<td>057, 058</td>
<td>22</td>
<td>057, 058</td>
</tr>
<tr>
<td>23</td>
<td>057, 058</td>
<td>24</td>
<td>057, 058</td>
</tr>
<tr>
<td>25</td>
<td>057, 058</td>
<td>26</td>
<td>057, 058</td>
</tr>
<tr>
<td>27</td>
<td>057, 058</td>
<td>28</td>
<td>057, 058</td>
</tr>
<tr>
<td>29</td>
<td>057, 058</td>
<td>30</td>
<td>057, 058</td>
</tr>
<tr>
<td>31</td>
<td>057, 058</td>
<td>32</td>
<td>057, 058</td>
</tr>
<tr>
<td>33</td>
<td>057, 058</td>
<td>34</td>
<td>057, 058</td>
</tr>
<tr>
<td>35</td>
<td>057, 058</td>
<td>36</td>
<td>057, 058</td>
</tr>
<tr>
<td>37</td>
<td>057, 058</td>
<td>38</td>
<td>057, 058</td>
</tr>
<tr>
<td>39</td>
<td>057, 058</td>
<td>40</td>
<td>057, 058</td>
</tr>
<tr>
<td>41</td>
<td>057, 058</td>
<td>42</td>
<td>057, 058</td>
</tr>
<tr>
<td>43</td>
<td>057, 058</td>
<td>44</td>
<td>057, 058</td>
</tr>
<tr>
<td>45</td>
<td>057, 058</td>
<td>46</td>
<td>057, 058</td>
</tr>
<tr>
<td>47</td>
<td>057, 058</td>
<td>48</td>
<td>057, 058</td>
</tr>
<tr>
<td>49</td>
<td>057, 058</td>
<td>50</td>
<td>057, 058</td>
</tr>
<tr>
<td>51</td>
<td>057, 058</td>
<td>52</td>
<td>057, 058</td>
</tr>
<tr>
<td>53</td>
<td>057, 058</td>
<td>54</td>
<td>057, 058</td>
</tr>
<tr>
<td>55</td>
<td>057, 058</td>
<td>56</td>
<td>057, 058</td>
</tr>
<tr>
<td>57</td>
<td>057, 058</td>
<td>58</td>
<td>057, 058</td>
</tr>
<tr>
<td>59</td>
<td>057, 058</td>
<td>60</td>
<td>057, 058</td>
</tr>
<tr>
<td>61</td>
<td>057, 058</td>
<td>62</td>
<td>057, 058</td>
</tr>
<tr>
<td>63</td>
<td>057, 058</td>
<td>64</td>
<td>057, 058</td>
</tr>
<tr>
<td>65</td>
<td>057, 058</td>
<td>66</td>
<td>057, 058</td>
</tr>
<tr>
<td>67</td>
<td>057, 058</td>
<td>68</td>
<td>057, 058</td>
</tr>
<tr>
<td>69</td>
<td>057, 058</td>
<td>70</td>
<td>057, 058</td>
</tr>
<tr>
<td>71</td>
<td>057, 058</td>
<td>72</td>
<td>057, 058</td>
</tr>
<tr>
<td>73</td>
<td>057, 058</td>
<td>74</td>
<td>057, 058</td>
</tr>
<tr>
<td>75</td>
<td>057, 058</td>
<td>76</td>
<td>057, 058</td>
</tr>
<tr>
<td>77</td>
<td>057, 058</td>
<td>78</td>
<td>057, 058</td>
</tr>
<tr>
<td>79</td>
<td>057, 058</td>
<td>80</td>
<td>057, 058</td>
</tr>
<tr>
<td>81</td>
<td>057, 058</td>
<td>82</td>
<td>057, 058</td>
</tr>
<tr>
<td>83</td>
<td>057, 058</td>
<td>84</td>
<td>057, 058</td>
</tr>
<tr>
<td>85</td>
<td>057, 058</td>
<td>86</td>
<td>057, 058</td>
</tr>
<tr>
<td>87</td>
<td>057, 058</td>
<td>88</td>
<td>057, 058</td>
</tr>
<tr>
<td>89</td>
<td>057, 058</td>
<td>90</td>
<td>057, 058</td>
</tr>
<tr>
<td>91</td>
<td>057, 058</td>
<td>92</td>
<td>057, 058</td>
</tr>
<tr>
<td>93</td>
<td>057, 058</td>
<td>94</td>
<td>057, 058</td>
</tr>
<tr>
<td>95</td>
<td>057, 058</td>
<td>96</td>
<td>057, 058</td>
</tr>
<tr>
<td>97</td>
<td>057, 058</td>
<td>98</td>
<td>057, 058</td>
</tr>
<tr>
<td>99</td>
<td>057, 058</td>
<td>100</td>
<td>057, 058</td>
</tr>
</tbody>
</table>

**Note**

- After setting, turn off the remote control and TV.
- Press TV button to enter TV mode, then press POWER to turn off the TV.
- When switching from one TV to another, turn off the remote control and TV, then repeat the above steps.
- When using a remote control, enter the code for your brand of TV first.
### Before Calling for Service

Refer to the chart below when this unit does not function properly. If the problem you are experiencing is not listed below or if the instruction below does not help, turn off the unit, disconnect the power cord, and contact the nearest authorized dealer or Samsung Electronics Service Center.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Check/Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disc tray does not open.</td>
<td>• Is the power cord plugged securely into the outlet?</td>
</tr>
<tr>
<td></td>
<td>• Turn off the power and then turn it back on.</td>
</tr>
<tr>
<td>Playback does not start.</td>
<td>• Check the region number of the DVD. DVD discs purchased from abroad may not be playable.</td>
</tr>
<tr>
<td></td>
<td>• CD-ROMs and DVD-ROMs cannot be played on this Home Theater.</td>
</tr>
<tr>
<td></td>
<td>• Make sure that the rating level is correct.</td>
</tr>
<tr>
<td>Playback does not start immediately when the Play/Pause button is</td>
<td>• Are you using a deformed disc or a disc with scratches on the surface?</td>
</tr>
<tr>
<td></td>
<td>• Wipe the disc clean.</td>
</tr>
<tr>
<td>Sound is not produced.</td>
<td>• No sound is heard during fast playback, slow playback, and step motion playback.</td>
</tr>
<tr>
<td></td>
<td>• Are the speakers connected properly? Is the speaker setup correctly customized?</td>
</tr>
<tr>
<td></td>
<td>• Is the disc severely damaged?</td>
</tr>
<tr>
<td>Sound can be heard only from a few speakers and not all six.</td>
<td>• When listening to a CD or radio, sound is output to the front speakers (L/R) only. Select &quot;PRO LOGIC II&quot; by pressing PRO LOGIC II on the remote control to use all six speakers.</td>
</tr>
<tr>
<td></td>
<td>• Make sure that the DVD disc is 5.1-CH compatible.</td>
</tr>
<tr>
<td></td>
<td>• If you set C, SL, and SR to NONE in the speaker mode in the audio setup of the setup screen, no sound is heard from the center speaker and the front left and right speakers. Set C, SL, and SR to SMALL.</td>
</tr>
<tr>
<td>Picture does not appear, sound is not produced, or the disc tray opens 2 to 5 seconds later</td>
<td>• Was the Home Theater suddenly moved from a cold place to a warm one? When condensation forms inside the player, remove the disc and let the player stand for 1 or 2 hours with the power on. (You can use the player again after condensation disappears.)</td>
</tr>
<tr>
<td>Dolby Digital 5.1 CH Surround Sound is not produced.</td>
<td>• Is there &quot;Dolby Digital 5.1 CH&quot; mark on the disc? Dolby Digital 5.1 CH Surround Sound is produced only if the disc is recorded with 5.1 channel sound.</td>
</tr>
<tr>
<td></td>
<td>• Is the audio language correctly set to DOLBY DIGITAL 5.1-CH in the information display?</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Check/Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Disc is rotating but no picture is produced.</td>
<td>• Is the TV power on?</td>
</tr>
<tr>
<td>• Picture quality is poor and picture is shaking.</td>
<td>• Are the video cables connected properly?</td>
</tr>
<tr>
<td></td>
<td>• Is the disc dirty or damaged?</td>
</tr>
<tr>
<td></td>
<td>• A poorly manufactured disc may not be playable.</td>
</tr>
<tr>
<td>The remote control does not work.</td>
<td>• Is the remote control being operated within its operation range of angle and distance?</td>
</tr>
<tr>
<td></td>
<td>• Are the batteries exhausted?</td>
</tr>
<tr>
<td></td>
<td>• Have you selected the mode(TV/DVD) functions of the remote control (TV or DVD) correctly?</td>
</tr>
<tr>
<td>Audio language and subtitles do not work.</td>
<td>• Audio language and subtitles will not work for DVDs not containing them. And depending on the disc, they may work differently.</td>
</tr>
<tr>
<td>Menu screen does not appear even when the menu function is selected.</td>
<td>• Are you using a disc that does not contain menus?</td>
</tr>
<tr>
<td>Aspect ratio cannot be changed.</td>
<td>• You can play 16:9 DVDs in 16:9 WIDE mode, 4:3 LETTER BOX mode, or 4:3 PAN SCAN mode, but 4:3 DVDs can be seen in 4:3 ratio only. Refer to the DVD disc jacket and then select the appropriate function.</td>
</tr>
<tr>
<td>• The main unit is not working. (Example: The power goes out or strange noise is heard.)</td>
<td>• Turn off the power and hold the button on the main unit for longer than 5 seconds.</td>
</tr>
<tr>
<td>• The Home Theater is not working normally.</td>
<td>Using the RESET function will erase all stored settings. Do not use this unless necessary.</td>
</tr>
<tr>
<td>The password for rating level has been forgotten.</td>
<td>• While “NO DISC” message appears on the display of main unit, hold the main unit’s button for longer than 5 seconds. “INITIALIZE” appears on the display and all settings will return to the default values.</td>
</tr>
<tr>
<td></td>
<td>• Press the POWER button.</td>
</tr>
<tr>
<td></td>
<td>Using the RESET function will erase all stored settings. Do not use this unless necessary.</td>
</tr>
<tr>
<td>Can’t receive radio broadcast.</td>
<td>• Is the antenna connected properly?</td>
</tr>
<tr>
<td></td>
<td>• If the antenna’s input signal is weak, install an external FM antenna in an area with good reception.</td>
</tr>
</tbody>
</table>
Cautions on Handling and Storing Discs

Small scratches on the disc may reduce sound and picture quality or cause skipping. Be especially careful not to scratch discs when handling them.

Handling discs

Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints will not get on the surface.
Do not stick paper or tape on the disc.

Disc Storage

- Do not keep in direct sunlight
- Keep in a cool ventilated area
- Keep in a clean Protection jacket.
- Store vertically.

Caution

- Do not allow the discs to become contaminated with dirt.
- Do not load cracked or scratched discs.

Handling and Storing Discs

When you get fingerprints or dirt on the disc, clean it with a mild detergent diluted in water and wipe with a soft cloth.

- When cleaning, wipe gently from the inside to the outside of the disc.

Note

- Condensation may form if warm air comes into contact with cold parts inside the player. When condensation forms inside the player, the player may not operate correctly. If this occurs, remove the disc and let the player stand for 1 or 2 hours with the power on.

Language Code List

Enter the appropriate code number for the initial settings “Disc Audio”, “Disc Subtitle” and/or “Disc Menu” (See page 41).

<table>
<thead>
<tr>
<th>Code</th>
<th>Language</th>
<th>Code</th>
<th>Language</th>
<th>Code</th>
<th>Language</th>
<th>Code</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>1027</td>
<td>Afar</td>
<td>1181</td>
<td>Frisian</td>
<td>1334</td>
<td>Latvian, Lettish</td>
<td>1506</td>
<td>Slovenian</td>
</tr>
<tr>
<td>1028</td>
<td>Abkhazian</td>
<td>1183</td>
<td>Irish</td>
<td>1345</td>
<td>Malagasy</td>
<td>1507</td>
<td>Samoan</td>
</tr>
<tr>
<td>1032</td>
<td>Afrikaans</td>
<td>1186</td>
<td>Scots Gaelic</td>
<td>1347</td>
<td>Maori</td>
<td>1508</td>
<td>Shona</td>
</tr>
<tr>
<td>1039</td>
<td>Amharic</td>
<td>1194</td>
<td>Galician</td>
<td>1349</td>
<td>Macedonian</td>
<td>1509</td>
<td>Sami</td>
</tr>
<tr>
<td>1044</td>
<td>Arabic</td>
<td>1196</td>
<td>Guarani</td>
<td>1350</td>
<td>Malayalam</td>
<td>1511</td>
<td>Albanian</td>
</tr>
<tr>
<td>1045</td>
<td>Assamese</td>
<td>1203</td>
<td>Gujarati</td>
<td>1352</td>
<td>Minguari</td>
<td>1512</td>
<td>Serbian</td>
</tr>
<tr>
<td>1051</td>
<td>Aymara</td>
<td>1209</td>
<td>Hausa</td>
<td>1353</td>
<td>Moldavian</td>
<td>1513</td>
<td>Siswai</td>
</tr>
<tr>
<td>1052</td>
<td>Azerbaijani</td>
<td>1217</td>
<td>Hindi</td>
<td>1356</td>
<td>Marathi</td>
<td>1514</td>
<td>Sesotho</td>
</tr>
<tr>
<td>1053</td>
<td>Bashkir</td>
<td>1226</td>
<td>Croatian</td>
<td>1357</td>
<td>Malay</td>
<td>1515</td>
<td>Sundanese</td>
</tr>
<tr>
<td>1057</td>
<td>Byelorussian</td>
<td>1229</td>
<td>Hungarian</td>
<td>1358</td>
<td>Maltese</td>
<td>1516</td>
<td>Swedish</td>
</tr>
<tr>
<td>1059</td>
<td>Bulgarian</td>
<td>1233</td>
<td>Armenian</td>
<td>1363</td>
<td>Bumese</td>
<td>1517</td>
<td>Swahili</td>
</tr>
<tr>
<td>1060</td>
<td>Bihari</td>
<td>1235</td>
<td>Interlingua</td>
<td>1365</td>
<td>Nauru</td>
<td>1521</td>
<td>Tamili</td>
</tr>
<tr>
<td>1069</td>
<td>Bislama</td>
<td>1239</td>
<td>Interlingua</td>
<td>1369</td>
<td>Nepali</td>
<td>1525</td>
<td>Tepulu</td>
</tr>
<tr>
<td>1066</td>
<td>Bengali, Bangla</td>
<td>1245</td>
<td>Inupik</td>
<td>1376</td>
<td>Dutch</td>
<td>1527</td>
<td>Tajik</td>
</tr>
<tr>
<td>1067</td>
<td>Tibetan</td>
<td>1248</td>
<td>Indonesian</td>
<td>1379</td>
<td>Norwegian</td>
<td>1528</td>
<td>Thai</td>
</tr>
<tr>
<td>1070</td>
<td>Breton</td>
<td>1253</td>
<td>Icelandic</td>
<td>1393</td>
<td>Occitan</td>
<td>1529</td>
<td>Tigrinya</td>
</tr>
<tr>
<td>1079</td>
<td>Catalan</td>
<td>1254</td>
<td>Italian</td>
<td>1403</td>
<td>Altai, Oromo</td>
<td>1531</td>
<td>Turkmen</td>
</tr>
<tr>
<td>1093</td>
<td>Corsican</td>
<td>1257</td>
<td>Hebrew</td>
<td>1438</td>
<td>Onya</td>
<td>1532</td>
<td>Tagalog</td>
</tr>
<tr>
<td>1097</td>
<td>Czech</td>
<td>1281</td>
<td>Japanese</td>
<td>1417</td>
<td>Punjabi</td>
<td>1534</td>
<td>Setawana</td>
</tr>
<tr>
<td>1103</td>
<td>Welsh</td>
<td>1289</td>
<td>Yiddish</td>
<td>1428</td>
<td>Polish</td>
<td>1535</td>
<td>Tonga</td>
</tr>
<tr>
<td>1105</td>
<td>Danish</td>
<td>1293</td>
<td>Javanese</td>
<td>1433</td>
<td>Pashto, Pushto</td>
<td>1538</td>
<td>Turkish</td>
</tr>
<tr>
<td>1109</td>
<td>German</td>
<td>1287</td>
<td>Georgian</td>
<td>1436</td>
<td>Portuguese</td>
<td>1539</td>
<td>Tsonga</td>
</tr>
<tr>
<td>1130</td>
<td>Bhutani</td>
<td>1297</td>
<td>Kazakh</td>
<td>1463</td>
<td>Quechua</td>
<td>1540</td>
<td>Tatar</td>
</tr>
<tr>
<td>1142</td>
<td>Greek</td>
<td>1298</td>
<td>Greenlandic</td>
<td>1481</td>
<td>Rhaeto-Romance</td>
<td>1543</td>
<td>Twi</td>
</tr>
<tr>
<td>1144</td>
<td>English</td>
<td>1299</td>
<td>Cambodian</td>
<td>1482</td>
<td>Kriundi</td>
<td>1557</td>
<td>Ukrainian</td>
</tr>
<tr>
<td>1145</td>
<td>Esperanto</td>
<td>1300</td>
<td>Kannada</td>
<td>1483</td>
<td>Romanian</td>
<td>1564</td>
<td>Urdu</td>
</tr>
<tr>
<td>1149</td>
<td>Spanish</td>
<td>1301</td>
<td>Korean</td>
<td>1489</td>
<td>Russian</td>
<td>1572</td>
<td>Uzbek</td>
</tr>
<tr>
<td>1150</td>
<td>Estonian</td>
<td>1305</td>
<td>Khasi</td>
<td>1491</td>
<td>Kinyarwanda</td>
<td>1581</td>
<td>Vietnamese</td>
</tr>
<tr>
<td>1151</td>
<td>Basque</td>
<td>1307</td>
<td>Kurdish</td>
<td>1495</td>
<td>Sanskrit</td>
<td>1587</td>
<td>Vologai</td>
</tr>
<tr>
<td>1157</td>
<td>Persian</td>
<td>1311</td>
<td>Kirghiz</td>
<td>1498</td>
<td>Sindhi</td>
<td>1613</td>
<td>Wolof</td>
</tr>
<tr>
<td>1165</td>
<td>Finnish</td>
<td>1313</td>
<td>Latin</td>
<td>1501</td>
<td>Sangre</td>
<td>1632</td>
<td>Xhosa</td>
</tr>
<tr>
<td>1166</td>
<td>Fiji</td>
<td>1326</td>
<td>Lingala</td>
<td>1502</td>
<td>Serbo-Croatian</td>
<td>1665</td>
<td>Yoruba</td>
</tr>
<tr>
<td>1171</td>
<td>Faeroese</td>
<td>1327</td>
<td>Laothian</td>
<td>1503</td>
<td>Singhalese</td>
<td>1684</td>
<td>Chinese</td>
</tr>
<tr>
<td>1174</td>
<td>French</td>
<td>1332</td>
<td>Lithuanian</td>
<td>1505</td>
<td>Slovak</td>
<td>1697</td>
<td>Zulu</td>
</tr>
</tbody>
</table>
USB Host Feature Supported Products

### Digital Camera

<table>
<thead>
<tr>
<th>Product</th>
<th>Company</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finepix-A340</td>
<td>Fuji</td>
<td>Digital Camera</td>
</tr>
<tr>
<td>Finepix-F810</td>
<td>Fuji</td>
<td>Digital Camera</td>
</tr>
<tr>
<td>Finepix-F610</td>
<td>Fuji</td>
<td>Digital Camera</td>
</tr>
<tr>
<td>Finepix-F310</td>
<td>Fuji</td>
<td>Digital Camera</td>
</tr>
</tbody>
</table>

### USB Flash Drive

<table>
<thead>
<tr>
<th>Product</th>
<th>Company</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cruzer Micro Sandisk</td>
<td>SanDisk</td>
<td>USB 2.0 Flash Drive 128M</td>
</tr>
<tr>
<td>Cruzer Mini Sandisk</td>
<td>SanDisk</td>
<td>USB 2.0 Flash Drive 128M</td>
</tr>
<tr>
<td>Cruzer Mini Sandisk</td>
<td>SanDisk</td>
<td>USB 2.0 Flash Drive 256M</td>
</tr>
</tbody>
</table>

### MP3 Player

<table>
<thead>
<tr>
<th>Product</th>
<th>Company</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>MuVo NX128M</td>
<td>Creative</td>
<td>USB 2.0 MP3 Player</td>
</tr>
<tr>
<td>H320</td>
<td>Iriver</td>
<td>20G HDD MP3 Player</td>
</tr>
<tr>
<td>YH-920</td>
<td>Samsung</td>
<td>20G HDD MP3 Player</td>
</tr>
</tbody>
</table>

### Multi Card Reader

<table>
<thead>
<tr>
<th>Product</th>
<th>Company</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNICORN</td>
<td>Unicorn</td>
<td>USB 2.0 Card Reader</td>
</tr>
</tbody>
</table>

### USB External HDD

<table>
<thead>
<tr>
<th>Product</th>
<th>Company</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNICORN</td>
<td>Unicorn</td>
<td>Pocket Hard Disk Drive</td>
</tr>
</tbody>
</table>

---

### Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption</td>
<td>110W</td>
</tr>
<tr>
<td>Weight</td>
<td>11lbs</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>17 x 3 x 17.1 inches</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>41°F – 95°F</td>
</tr>
<tr>
<td>Operating Humidity Range</td>
<td>10% ~ 75%</td>
</tr>
<tr>
<td>Usable Sensitivity</td>
<td>10dB</td>
</tr>
<tr>
<td>S/N Ratio</td>
<td>60dB</td>
</tr>
<tr>
<td>Distortion</td>
<td>1%</td>
</tr>
<tr>
<td>Composite Video</td>
<td>1.0Vp-p(75Ω load)</td>
</tr>
<tr>
<td>Component Video</td>
<td>Y:1.0Vp-p(75Ω load)</td>
</tr>
<tr>
<td></td>
<td>Pr:0.7Vp-p(75Ω load)</td>
</tr>
<tr>
<td></td>
<td>Pb:0.7Vp-p(75Ω load)</td>
</tr>
<tr>
<td>Front speaker output</td>
<td>133W(3Ω)</td>
</tr>
<tr>
<td>Center speaker output</td>
<td>133W(3Ω)</td>
</tr>
<tr>
<td>Rear speaker output</td>
<td>133W(3Ω)</td>
</tr>
<tr>
<td>Subwoofer speaker output</td>
<td>130W(3Ω)</td>
</tr>
<tr>
<td>Frequency range</td>
<td>20Hz~20KHz</td>
</tr>
<tr>
<td>S/N Ratio</td>
<td>75dB</td>
</tr>
<tr>
<td>Channel separation</td>
<td>60dB</td>
</tr>
<tr>
<td>Input sensitivity</td>
<td>(AUX)400mV</td>
</tr>
<tr>
<td>Speaker system</td>
<td>5.1ch speaker system</td>
</tr>
<tr>
<td>Impedance</td>
<td>3Ω x 5</td>
</tr>
<tr>
<td>Frequency range</td>
<td>145Hz~20KHz</td>
</tr>
<tr>
<td>Output sound pressure level</td>
<td>85dB(W)</td>
</tr>
<tr>
<td>Rated input</td>
<td>133W</td>
</tr>
<tr>
<td>Maximum input</td>
<td>266W</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>3.5 x 5.9 x 3.5 inches</td>
</tr>
<tr>
<td>Weights</td>
<td>3.9 lbs / 1.4 lbs</td>
</tr>
</tbody>
</table>

---

- **Product**
- **Company**
- **Type**
- **Digital Camera**
- **USB Flash Drive**
- **MP3 Player**
- **Multi Card Reader**
- **USB External HDD**
SAMSUNG Home Theater

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by Samsung Electronics America, Inc. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

One (1) Year Parts and Labor

(90 Days Parts and Labor for Commercial Use)

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. Transportation of the product to and from the service center is the responsibility of the purchaser.

SAMSUNG will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

SAMSUNG’s obligations with respect to software products distributed by SAMSUNG under the SAMSUNG brand name are set forth in the applicable end user license agreement. Non-SAMSUNG hardware and software products, if provided, are on an “AS IS” basis. Non-SAMSUNG manufacturers, suppliers, publishers, and service providers may provide their own warranties.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, and except to the extent otherwise expressly provided for in this statement, noncommercial use of this product, and shall not apply to the following, including, but not limited to: damage which occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning or other acts of nature; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied and authorized by SAMSUNG, or which damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the instruction book; product removal or reinstallation; reception problems and distortion related to noise, echo, interference or other signal transmission and delivery problems. SAMSUNG does not warrant uninterrupted or error-free operation of the product.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE LISTED AND DESCRIBED ABOVE, AND NO WARRANTIES WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY AFTER THE EXPRESS WARRANTY PERIODS STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTEE GIVEN BY ANY PERSON, FIRM OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BE BINDING ON SAMSUNG. SAMSUNG SHALL NOT BE LIABLE FOR LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR SHALL RECOVERY OF ANY KIND AGAINST SAMSUNG BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY SAMSUNG AND CAUSING THE ALLEGED DAMAGE. WITHOUT LIMITING THE FOREGOING, PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT SOLD BY SAMSUNG NOT CAUSED DIRECTLY BY THE NEGLIGENCE OF SAMSUNG. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE AND STATES YOUR EXCLUSIVE REMEDY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

To obtain warranty hardware service, please contact SAMSUNG at:

SAMSUNG CUSTOMER CARE CENTER
400 Valley Road, Suite 201, Mt. Arlington, NJ 07856
1-800-SAMSUNG (1-800-726-7864) and www.samsung.com