HT-XA100,XA100C\_XAA.indd 1 2008-02-21 5:09:26



#### QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT	WRITE
IN THE US	1-800-SAMSUNG (7267864)	www.samsung.com/us	Samsung Electronics America, Inc. 105 Challenger Road Ridgefield Park, NJ 07660-0511

Code No. AH68-02068R

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HT-XA100

# Digital Home Theater System user manual

## imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service,
please register your product at
www.samsung.com/global/register



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# features

#### Various CDs playback

The HT-XA100 allows you to play back various CDs, including DVD-AUDIO, DVD-VIDEO, CD, MP3-CD, WMA-CD, DivX, CD-R/RW, and DVD±R/RW.

#### **DVD-Audio** compatible

Experience the super high-quality audio performance of DVD-Audio. The on-board 24-bit/192kHz DAC enables this player to deliver exceptional sound quality in terms of dynamic range, low-level resolution and high-frequency detail.

#### **USB** Host support

You can connect and play files from external USB storage devices such as MP3 players, USB flash memory, etc. using the Home Theater's USB HOST function.

#### Dolby Pro Logic II

Dolby Pro Logic II is a 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

If the main unit remains in Stop mode for 3 minutes, Samsung logo appears on TV screen.

The HT-XA100 automatically switches itself into the power saving mode after 20 minutes in the Screen Saver mode.

#### **Power Saving Function**

The HT-XA100 automatically shuts itself off after 20 minutes in Stop mode.

#### Customized TV Screen Display

The HT-XA100 allows you to select your favorite image during JPEG, DVD playback and set it as your background wallpaper.

#### **HDMI**

HDMI transmits DVD video and audio signals simultaneously, and provides a clearer picture.

#### **AV SYNC Function**

Video may lag behind the audio if the unit is connected to a digital TV.

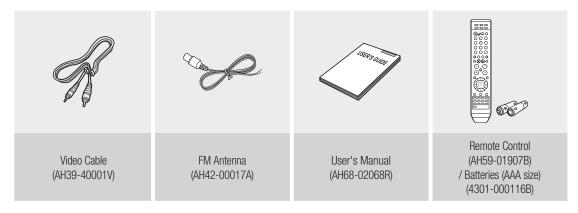
To compensate for this, you can adjust the audio delay time to sync up with the video.

#### Anynet+(HDMI-CEC) Function

Anynet+ is a function that can be used to operate the main unit using a Samsung TV remote control, by connecting the Home Theater to a SAMSUNG TV using an HDMI Cable. (This is only available with SAMSUNG TVs that support Anynet+.)

#### WHAT'S INCLUDED

Check for the supplied accessories below.



# safety information

#### **SAFETY WARNINGS**

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER(OR BACK). NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



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



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

#### **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.

#### WARNING

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- If this power supply is used at 240V ac, a suitable plug adapter should be used.

#### CAUTION

- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be
  placed on the apparatus.
- The Mains plug is used as a disconnect device and shall stay readily operable at any time.

This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

#### FCC NOTE (for U.S.A):

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution**: FCC regulations state that any unauthorized changes or modifications to this equipment may void the user's authority to operate it.

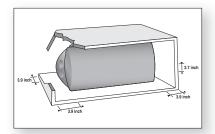
# safety information

#### IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below. Keep these operating instructions handy for future reference.

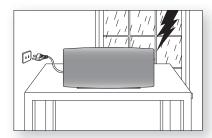
- 1) Read these instructions.
- 2) Keep these Instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in zaccordance with the manufacturer? instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachment/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

#### **PRECAUTIONS**

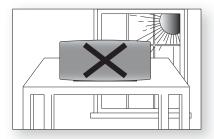




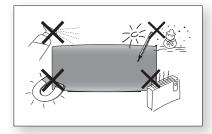
Ensure that the AC power supply in your house complies with the identification sticker located on the back of your player. Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4 inches). Make sure the ventilation slots are not covered. Before moving the player, ensure the disc tray is empty. This player is designed for continuous use. Switching off the DVD player to the stand-by mode does not disconnect the electrical supply. In order to disconnect the player completely from the power supply, remove the main plug from the wall outlet, especially when left unused for a long period of time.



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

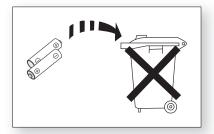


Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and malfunction of the unit.



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.



The batteries used with this product contain chemicals that are harmful to the environment.

Do not dispose of batteries in the general household trash.

#### This product is covered by one or more of the following U.S. patents:

5.060.220	5.457.669	5.561.649	5.705.762	5.987.417	6.043.912	6.222.983	6.272.096	6.377.524	6.377.531	6.385.587
6,389,570	6,408,408	6,466,532	6,473,736	6,477,501	6,480,829	6,556,520	6,556,521	6,556,522	6,578,163	6,594,208
6,631,110	6,658,588	6,674,697	6,674,957	6,687,455	6,697,307	6,707,985	6,721,243	6,721,493	6,728,474	6,741,535
6,744,713	6,744,972	6,765,853	6,765,853	6,771,890	6,771,891	6,775,465	6,778,755	6,788,629	6,788,630	6,795,637
6,810,201	6,862,256	6,868,054	6,894,963	6,937,552						

#### This product is covered by the following U.S. patents:

US4,930,158 US4,930,160

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- 5 Precautions

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63 Warranty

#### BEFORE READING THE USER'S MANUAL

Make sure to check the following terms before reading the user manual.

#### Icons that will be used in manual

Icon	Term	Definition
DVD	DVD	This involves a function available with DVD or DVD-R/DVD-RW discs that have been recorded and finalized in Video Mode.
CD	CD	This involves a function available with a data CD (CD-R or CD-RW).
MP3	MP3	This involves a function available with CD-R/-RW discs.
JPEG	JPEG	This involves a function available with CD-R/-RW discs.
DivX	DivX	This involves a function available with MPEG4 discs. (DVD±R/RW, CD-R or CD-RW)
!	Caution	This involves a case where a function does not operate or settings may be cancelled.
	Note	This involves tips or instructions on the page that help each function operate.



- In this manual, the instructions marked with "DVD ( )" are applicable to DVD-VIDEO, DVD-AUDIO and DVD-R/-RW discs that have been recorded in Video Mode and then finalized. Where a particular DVD type is mentioned, it is indicated separately.
  - If a DVD-R/-RW disc has not been recorded properly in DVD Video format, it will not be playable.

#### About the use of this user's manual

- 1) Be sure to be familiar with Safety Instructions before using this product. (See pages 3~4)
- 2) If a problem occurs, check the Troubleshooting. (See pages 58~59)

#### Copyright

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**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**

Disc Type	Mark (Logo)	Recorded Signals	Disc Size	Max. Playing Time
	AUDIO/VIDEO	AUDIO + VIDEO	5 inches	Approx. 240 min. (single-sided)
DVD-AUDIO			5 inches	Approx. 480 min. (double-sided)
DVD-VIDEO			3 1/2 inches	Approx. 80 min. (single-sided)
				Approx. 160 min. (double-sided)
AUDIO-CD	COMPACT DIGITAL AUDIO	AUDIO	5 inches	74 min.
			3 1/2 inches	20 min.
DivX		AUDIO + VIDEO	5 inches	74 min.
			3 1/2 inches	20 min.

#### DO NOT USE THE FOLLOWING TYPES OF DISC!

- LD, CD-G, CD-I, CD-ROM, DVD-RAM 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 <CAN'T PLAY THIS DISC PLEASE, CHECK 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.

# getting started

#### DISC TYPE AND CHARACTERISTICS

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 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 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 JPEG Discs

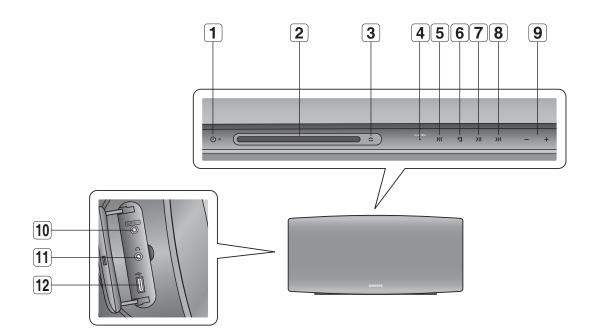
- Only files with the "jpg" extensions can be played.
- If the disc is not closed, it will take longer to start playing and not all of the recorded files may be played.
- Only CD-R discs with JPEG files in ISO 9660 or Joliet format can be played.
- JPEG file names should be 8 characters or less in length 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.

#### DVD±R/RW, 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 play.
- Software updates for incompatible formats are not supported. (Example: QPEL, GMC, resolution higher than 800 x 600 pixels, etc.)
- Sections with a high frame rate might not be played while playing a DivX file.
- For more information about the formats authorized by DivX Networks, Inc., please visit "www.divxnetworks. net".

# description

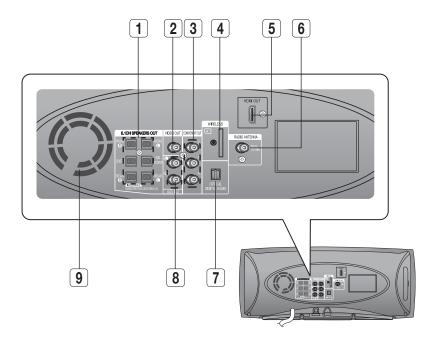
#### **FRONT PANEL**



1 POWER(®) BUTTON	5 TUNING DOWN & SKIP (KK) BUTTON	9 Volume Control
2 DISC TRAY	6 STOP (■) BUTTON	10 AUX IN 1 Jack
3 EJECT BUTTON	7 PLAY/PAUSE ( >11 ) BUTTON	11 Headphone Jack
4 FUNCTION BUTTON	8 TUNING UP & SKIP (») BUTTON	12 USB Port

# description

## **REAR PANEL**



1 5.1 CHANNEL SPEAKER OUTPUT CONNECTORS	Connect the front, center, rear, subwoofer speakers.
2 VIDEO OUTPUT JACK	Connect the TV's Video Input jack (VIDEO IN) to the VIDEO OUT jack.
3 COMPONENT VIDEO OUTPUT JACKS	Connect a TV with Component video inputs to these jacks.
4 TX CARD CONNECTION (WIRELESS)	The TX card enables communication between the main unit and the optional wireless receiver amplifier.
5 HDMI OUT JACK	Use the HDMl cable, connect this HDMl output terminal to the HDMl input terminal on your TV for the best quality picture.
6 FM 75Ω COAXIAL JACK	Connect the FM antenna.
7 External Digital Optical Input Jack	Use this to connect external equipment capable of digital output.
8 AUX IN 2 JACKS	Connect to the 2CH analog output of an external device (such as a VCR)
9 COOLING FAN	The fan always revolves when the power is on. Ensure a minimum of 4 inches of clear space on all sides of the fan when installing the product.

# remote contro

#### SETTING THE REMOTE CONTROL

You can control certain functions of your TV with this remote control.

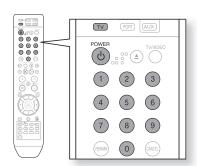
#### When operating a TV with the remote control

- 1. Press the TV button to set the remote to TV mode.
- 2. Press the POWER button to turn on the TV.
- **3.** While holding down the **POWER** button, enter the code corresponding to your brand of TV.
  - If there is more than one code listed for your TV in the able, enter one at a time to determine which code works.

#### Example: For a Samsung TV

While holding down the **POWER** button, use the **number** buttons to enter 00, 15, 16, 17 and 40.

- 4. If the TV turns off, the setting is complete.
  - You can use the TV POWER, VOLUME, CHANNEL, and Numeric buttons (0~9).





- 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.

#### **Operation Range of the Remote Control**

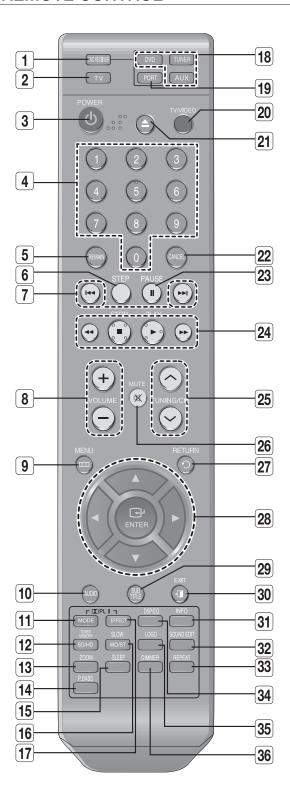
The remote control can be used up to approximately 23 feet (7 meters) in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.



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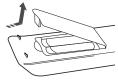
# remote contro

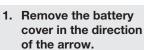
#### TOUR OF THE REMOTE CONTROL



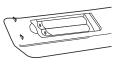
1	DVD RECEIVER button	19	PORT button
2	TV button	20	TV/VIDEO button
3	POWER button	21	EJECT button
4	Number (0~9) buttons	22	CANCEL button
5	REMAIN button	23	PAUSE button
6	STEP button	04	PLAY button
7	Tuning Preset/CD Skip buttons	24	STOP button  SEARCH buttons
8	VOLUME button	25	TUNING/CH button
9	MENU button	26	MUTE button
10	AUDIO button	27	RETURN button
11	DEPL II MODE button	28	Cursor/ENTER button
12	TUNER MEMORY, SD(Standard Definition)/HD(High Definition) button	29	SUBTITLE button
13	ZOOM button	30	EXIT button
14	P.BASS button	31	INFO button
15	SLEEP button	32	SOUND EDIT button
16	SLOW, MO/ST button	33	REPEAT button
17	DIPL II EFFECT button	34	DSP/EQ button
	DVD DVD button	35	LOGO button
18	TUNER button  AUX AUX button	36	DIMMER button



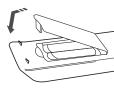












- Insert two 1.5V AAA batteries, paying 3. Replace the battery attention to the correct polarities (+ and -).
  - cover.

### 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 the batteries to heat or a flame.

# remote contro

#### TV Brand Code List

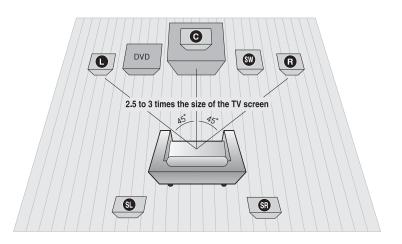
No.	Brand	Code	No.	Brand	Code
1	Admiral (M.Wards)	56, 57, 58	44	MTC	18
2	A Mark	01, 15	45	NEC	18, 19, 20, 40, 59, 60
3	Anam	01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11,	46	Nikei	03
		12, 13, 14	47	Onking	03
4	AOC	01, 18, 40, 48	48	Onwa	03
5	Bell & Howell (M.Wards)	57, 58, 81	49	Panasonic	06, 07, 08, 09, 54, 66, 67, 73, 74
6	Brocsonic	59, 60	50	Penney	18
7	Candle	18	51	Philco	03, 15, 17, 18, 48, 54, 59, 62, 69, 90
8	Cetronic	03	52	Philips	15, 17, 18, 40, 48, 54, 62, 72
9	Citizen	03, 18, 25	53	Pioneer	63, 66, 80, 91
10	Cinema	97	54	Portland	15, 18, 59
11	Classic	03	55	Proton	40
12	Concerto	18	56	Quasar	06, 66, 67
13	Contec	46	57	Radio Shack	17, 48, 56, 60, 61, 75
14	Coronado	15	58	RCA/Proscan	18, 59, 67, 76, 77, 78, 92, 93, 94
15	Craig	03, 05, 61, 82, 83, 84	59	Realistic	03, 19
16	Croslex	62	60	Sampo	40
17	Crown	03	61	Samsung	00, 15, 16, 17, 40, 43, 46, 47, 48, 49,
18	Curtis Mates	59, 61, 63			59, 60, 98
19	CXC	03	62	Sanyo	19, 61, 65
20	Daewoo	02, 03, 04, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24,	63	Scott	03, 40, 60, 61
		25, 26, 27, 28, 29, 30, 32, 34, 35, 36, 48, 59, 90	64	Sears	15, 18, 19
21	Daytron	40	65	Sharp	15, 57, 64
22	Dynasty	03	66	Signature 2000 (M.Wards)	57, 58
23	Emerson	03, 15, 40, 46, 59, 61, 64, 82, 83, 84, 85	67	Sony	50, 51, 52, 53, 55
24	Fisher	19, 65	68	Soundesign	03, 40
25	Funai	03	69	Spectricon	01
26	Futuretech	03	70	SSS	18
27	General Electric (GE)	06, 40, 56, 59, 66, 67, 68	71	Sylvania	18, 40, 48, 54, 59, 60, 62
28	Hall Mark	40	72	Symphonic	61, 95, 96
29	Hitachi	15, 18, 50, 59, 69	73	Tatung	06
30	Inkel	45	74	Techwood	18
31	JC Penny	56, 59, 67, 86	75	Teknika	03, 15, 18, 25
32	JVC	70	76	TMK	18, 40
33	KTV	59, 61, 87, 88	77	Toshiba	19, 57, 63, 71
34	KEC	03, 15, 40	78	Vidtech	18
35	KMC	15	79	Videch	59, 60, 69
36	LG (Goldstar)	01, 15, 16, 17, 37, 38, 39, 40, 41, 42, 43, 44	80	Wards	15, 17, 18, 40, 48, 54, 60, 64
37	Luxman	18	81	Yamaha	18
38	LXI (Sears)	19, 54, 56, 59, 60, 62, 63, 65, 71	82	York	40
39	Magnavox	15, 17, 18, 48, 54, 59, 60, 62, 72, 89	83	Yupiteru	03
40	Marantz	40, 54	84	Zenith	58, 79
41	Matsui	54	85	Zonda	01
42	MGA	18, 40	86	Dongyang	03, 54
43	Mitsubishi/MGA	18, 40, 59, 60, 75			

# connections

This section involves various methods of connecting the Digital Home Theater to other external components.

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

#### CONNECTING THE SPEAKERS



#### Position of Digital Home Theater

Place it on a stand or cabinet shelf, or under the TV stand.

#### 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 (6~8feet) For 55" TVs 3.5~4m (11~13feet)

#### Front Speakers • • •

Place these speakers in front of your listening position, facing inwards (about  $45^{\circ}$ ) 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.

#### Subwoofer 🚳

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

#### 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.

#### 

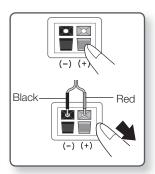
Place these speakers behind your listening position. If there isn't enough room, place these speakers such that they face each other. Place them about 60 to 90cm (2 to 3feet) above your ear, facing slightly downward.

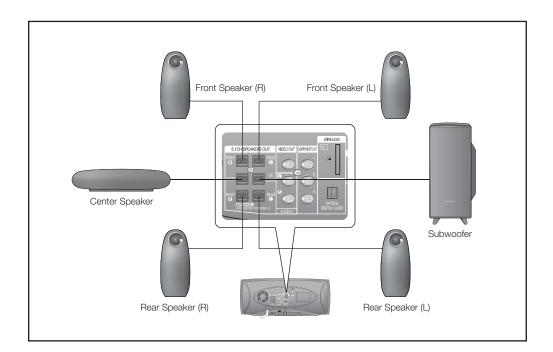
\* Unlike the front and center speakers, the rear speakers are used to handle mainly sound effects and sound will not come from them all the time.

# connections

#### **Connecting The Speakers**

- 1. Press down the terminal tab on the back of the speaker.
- 2. Insert the black wire into the black terminal (-) and the red wire into the red (+) terminal, and then release the tab.
- **3.** Connect the connecting plugs to the back of the Home Theater.
  - Make sure the colors of the speaker terminals match the colors of the connecting plugs.





- !
- Do not let children play with or near the speakers. They could get hurt if a speaker falls.
- When connecting the speaker wires to the speakers, make sure that the polarity (+/-) is correct.
- Keep the subwoofer speaker out of reach of children so as to prevent children from inserting their hands or other objects into the duct (hole) of the subwoofer speaker.
- Do not hang the subwoofer on the wall through the duct (hole).



If you place a speaker near your TV set, screen color may be distorted because of the magnetic field generated by the speaker. If this occurs, place the speaker away from your TV set.