# **INSIGNIA**<sup><sup>™</sup></sup> User Guide

## 200-Watt 5.1 Home Theater System I NS-H2002

#### INTRODUCTION

Congratulations on your purchase of a high-quality Insignia product. Your NS-H2002 nts the state of the art in home theater design and is designed for reliable and

## SAFETY INFORMATION

Electric shock warning



4 the presence of uninsulated dangerous voltage within your home theater's enclosure that of sufficient magnitude to constitute a risk of electric shock to persons. The exclamation tithin an equilateral triangle is intended to alert the user to the presence of important and maintenance (servicing) instructions in the literature accompanying your home to the second seco CAUTION: To prevent fire or electric shock hazard, do not expose this home theater to rain or

eater should not be exposed to water (dripping or splashing) and no objects fille Id be placed on your home theater.

## Ventilation

CAUTION: Do not block any ventilation openings. Install in accordance with these instruction

Softs and openings in the cabinet are provided for ventilation and to ensure reliable operation of your home theater and to protect it from over-heating.

The openings should never be blocked by placing your home theater on a bed, sofa, rug, or other similar surface. This home theater should not be placed in a built-in installation such as a bookcase or rack unless correct ventilation is provided or these instructions have been adhered to.

## Laser warning

WARNING: This home ses a laser system

To ensure correct use of this home theater, read this user guide carefully and retain it for future reference. Should your home theater require maintenance, contact an authorized service center. Changing controls, making adjustments, or carrying out procedures other than those specified herein may

result in hazardous radiation e To prevent direct exposure to the laser beam, do not try to open the enclosure. There

Do not stare into the beam Laser Type: Dual semiconductor laser GaAlAs Wavelength: 650nm and 780n



rked on vour home

6.

Beam Divergence: 60 de CAUTION: Visible and invisible laser radiation is present when your home theater is open and interlocks are

#### Power cord

Output Power: 7mW

CAUTION: It is recommended that most appliances be placed on a dedicated circuit— a single outlet circuit powering that appliance only and one that has no additional outlets or branch circuits. Check the specification section of this guide for power requirements.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire

home theater cord, and if its appearance indicates damage or deterior r home theater, and have the cord replaced with an exact replaceme

protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits your

To disconnect power from the outlet, pull out the plug. When installing your home theater, make sure that the

## IMPORTANT SAFETY INSTRUCTIONS

**CAUTION**: Read and observe all warnings and instructions in this user guide and the theater. Retain this guide for future reference. This home theater has been designed and manufactured to assure personal safety.

er use can result in electric shock or fire hazard. The safeguards incorporated in this home theater will you if you observe the following procedures for installation, use, and servicing. This home theater does not contain any parts that can be repaired by you

Do not remove the cabinet cover or you may be exposed to dangerous voltage. Refer servicing to qualified

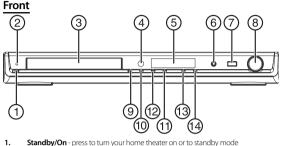
- rvice personnel only. Read all safety and operating instructions before operating your home theater. Keep safety, operation, and use instructions for future reference. Heed all warnings on your home theater and in the operating instructions. All operation and use instructions should be followed. Do not use this home theater near water. For example, do not use this home theater near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, and other areas located
- Clean only with dry cloth. Unplug this home theater from the wall outlet before cleaning. Do not use liquid
- Do not block any ventilation openings. Install in accordance with these instructions. Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of your home theater, and to protect
- It from over-heating. Do not block any ventilation openings. Do not place your home theater on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless correct ventilation is provided or these instructions have been adhered to. Do not install near any heat sources such as radiators, heat registers, stoves, or other electronic devices (including amplifiers) that produce heat.
- (including anipames) that produce reads 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. Do not defeat the safety pu
- Protect the power cord from being walked on or pinched particularly at plugs, receptacles, and the point where they exit from your home theater.



- Refer all servicing to gualified service personnel. Servicing is required when your home theater ha
- damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into your unit, your home theater has been exposed to rain or moisture, does not operate
- When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fine, electric shock, or other hazarris
- Upon completion of any service or repairs to this home theater, ask the service technician to perform safety checks to determine that your home theater is in proper operation condition.

USA and Canada versions comply with ETL requirements. This product incorporates copyright protection technology that is protected by method 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

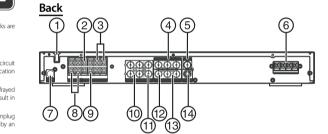
authorized by Macrovision Corporation and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering o uses only times on envice automized by matching to consider a provide the environment of the provide the operation of the provide the prov In case of 525 or 625 progressive scan picture problems, we recommend that the user switch the connection to the "standard definition" output. If there are questions regarding our TV set compatibility with this model 525p and 625p DVD player contact our customers



- Standby Indicator Power On/Off Mode: no light; Standby Mode: red LED
- Disc Tray place a DVD or CD, label side up, into this tray

center. U.S. Patent Nos. 4,631,603; 4,819,098; 4,907,093; 5,315,448; and 6,516,132

- Infrared receiver receives the signal from the remote co
- VFD Display Area displays status messages
- PHONES plug standard headphones into this jack
- USB iack plug external USB devices into this jack VOLUME - adjusts the volume. Turn clockwise to increase the volume and counter-
- vise to decrease the volume ▲ Eject/ ■ Stop Eject - opens or closes the disc loading tray in stop or no disc mode;
- Stop Stops playing ▶ 1) Starts playback in DVD mode, 2) Pauses playback in DVD mode
- IMM DVD, VCD, or CD mode: 1) press to skip to the previous chapter or track; 2) press 11. d hold to search forward: Tuner mode - tunes channel number down
- 12. ▶►IDVD, VCD, or CD mode: 1) press to skip to the next chapter or track; 2) press and hold to search forward; Tuner mode - tunes channel number up
- EX BASS switches EX BASS to Soft Bass, Balance Bass or Powerful Bass 13. 14 SOURCE - switches between AV mode, tuner mode, and DVD mode



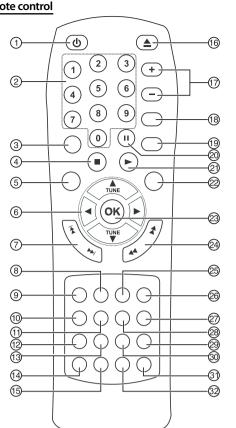
- Power cord plug into an electrical outlet
- Subwoofer speaker connect a passive subwoofer, with the colored wire attached minal and the black wire attached to the - terminal FM antenna input
- Front speaker connect the left front speaker to the L terminals and right front er to the R terminals. Connect the colored wire to the + terminal and black
- 4 Component video and progressive outputs - connect a television that has
- Digital coaxial output connect an external device that has a digital audio input 5.
- FM antenna input connections FM reception Connect the FM antenna to the FM jack. Move the antenna in various directions until the clearest signal is received.



AM loop antenna connections - AM reception - Connect the AM loop antenna to the AM jack. Position the loop antenna to receive the clearest sound. Fully insert the stripped portion of the antenna into the terminal as shown. NOTE: Position the antenna as far away as possible from a TV, VCR or other radiation

- Active subwoofer out connect an external powered subwoofer using this jack Surround speaker (rear speakers) - connect the left surround speaker to the SL
- hinals and right surround speaker to the SR terminals. Connect the colored wire he + terminal and the black wire to the terminal
- Center speaker Connect the center speaker, with the colored wire attached to the nal and the black wire attached to the - termina
- Audio inputs Connect audio (Left and Right) cables from a VCR, TV or satellite 10. eceiver to play them through this home theater system. These connections are labelled AV1 and AV2 and are selected by using the SOURCE button on the front
- 11. Video inputs - connect video cables from the corresponding video out jacks on a TV. VCR or satellite receiver to play them through this home theater. These connections are labelled AV1 and AV2 and are selected by using the SOURCE button on the front
- Video output (VCR) connect a VCR or other recording device to this jack. Most DVDs cannot be recorded, however you can use this connection to record from the auxiliary inputs such recording from the satellite receiver. 12.
- Audio outputs (VCR) connect audio (Left and Right) cables to external recording devices such as a VCR or cassette recorder 13.
- 14. S - Video output - Connect to the S-VIDEO IN jack on the television using an S-Video le. This type of connection provides superior picture quality. NOTE: Your television must be equipped with an S-Video input jack.





1 Connect the video

e the RCA video cabl

VIII I

For a higher quality picture, purchase an S-Video cable, or for the best picture quality, purchase

0000

This DVD home theater system is designed to reproduce optimum sound quality when the supplied s are used. If you awant to connect speakers other than the ones supplied, they should be 6 ohms nee for the speakers and 3 ohms impedance for the subwoder.

·O•

Make sure that you use the correct polarity when connecting the speakers (colored wire connects to the

inal clip down and insert the wire, then release the clip.

ď

Do not push the stripped part too far into the speaker connectors.

A typical room layout has the left center and right speakers placed across the front and the

A typical footn ayout has the fett, center, and ngin speakers placed across the non-rand the left surround and right surround speakers placed along the sides towards the rear as shown in the above left picture. Position the center speaker above or below the video screen or TV. Install a subwoofer can be (for powerful bass sounds) anywhere in the room.

<u>•</u>O•

NOTE: When in AV1 or AV2

2 Connect the audio

VCR audio o

3 Connect the speakers

D

0

To connect the speakers

Connect all speakers in the same manner.

he around 1/3 inch (or 1 cm)

Positioning the speakers

Rear speaker eft surround )

speakers should be installed.

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eft |

Press the speaker to

NOTE: This DVD home

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000 0 000

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S-Video cable

FRONT LEFT SPEAKER

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**1**#

- 0-

- U STANDBY/ON Press to toggle between Operating and Standby mode.
- **0-9 (numeric keys):** DVD mode Press to enter title, chapter, track, and time search selections. Tuner mode Press to enter a preset station.
- TITLE Press to display the title menu if present on the disc
- **Stop** Press to stop playing.
- MENU 1) DVD mode Press to enter the Disc Contents menu. 2) PBC ON mode 5. , view a VCD disc menu 6
- Active Navigation mode Press to navigate in the indicated ions for making selections in menus Tuner Mode - Press ▲ or ▼ to change the radio frequency Press ◀ or ▶ to change the radio channel
- 7. IMM / Press to skip backward or forward to the previous or next chapter or
- BOOKMARK Press to open Bookmark menu
- V-SELECT Press to switch among the different video outputs. ZOOM / CLEAR - 1) Press to select different zooming size while playing a video, 2) 10.
- Press to clear the information you entered in a setup menu. ANGLE / PBC - 1) Press to toggle between different angles to view (if present on disc) 2) Press to turn PBC on or off on a VCD disc.
- TUNER / AUX Press to select AV 1, AV 2, or tuner mode 12.
- 13. DVD - Press to select DVD mode. 14.
- SURROUND Press to select different surround sound effects among STEREO PROLOGIC II MOVIE, PROLOGIC II MUSIC, CONCERT, CHURCH, PASSIVE, WIDE, and 1 IVE

t Surround Sound Effect (DSP) only for STEREO contents (2 channels). You can not select ck a DVD with multichannel audio content like Dolby Digital 5.1. SLEEP - Press to activate a sleep timer for your home theater to go into standby mode 15.

automatically

Play - Press to start playing

22.

23.

24.

25. 26.

27.

28.

29.

30.

31.

32.

- ▲ OPEN/CLOSE Press to open or close the disc tray
- 17. -VOL + - Press to increase or decrease the volume

Press to search backward or forward

- Press to select Mono or Stereo.

ROTATE - Press to rotate the picture

box includes the following

One DVD Home Theatre Sv

This user guide

One AV Cable

Two rear speakers

One subwoofer

to TV and VCR

SUBTITLE - Press to toggle between different subtitles

- MUTE Press to mute and unmute the sound output 18.
- INFO Press to display current information about disc that is playing 19 **IIPause** - Press to freeze the picture and stop the sound during playback 20.

SETUP / EXIT - Press to enter or exit the System Setup menu

OK - Press to enter or select a value in a menu and setup navigation

A-B - Press to setup repeat playback or to clear repeat playback

Unpacking your DVD Home Theatre System

Connecting your DVD Home Theater System

AUDIO / FM ST - 1) DVD mode - Press to change to a different audio stream, 2)Tuner

GOTO - Press to start play at a specific location on a DVD, CD, VCD, or SVCD disc

PLAYMODE - Press to display Playmode Menu to select a different play mode

TONE - Press to select an EQ modes from FLAT, ROCK, POP, CLASSIC, and JAZZ

One remote control with two batterie

Quick installation guide

AM and FM Antennas

Two front speakers

One center speake

The following setup and installation illustrations show various video and audio connections

CAUTION: Make sure that the AC Voltage matches your local voltage. Connect the AC cord only after the

EX BASS - Press to turn EX BASS to Soft Bass, Balance Bass, or Powerful Bas

Setting up your DVD home theater system

The speaker to listener dimensions (DIM) shown in the above right picture is used for correct setup of the surround system. For more information, see "Setting up the speakers".

---Do not connect more than one speaker to any one pair of +/- speaker term

#### Installing your DVD home theater system

- Install your home theater on a stable flat surface. There must be sufficient room in front of your home theater for the disc tray to open. Positon your home theater so that it can have a direct line of signal to the remote control.
- Do not expose your home theater to extremes of temperature or humidity. Avoid placing your home theater on a hot surface such as on top of other hot running
- equipment. Make sure that there is adequate ventilation to your home theate tion: Do not install this home theater in a confined space such as a bookcase.

Note: Connect the AV cord only after the speakers, antenna, and all optional equipment have been connected. Never make or change any connections with power turned on.

## Maintaining

#### **Cleaning discs**

- Picture freezing, sound skipping, or repeating can occur if the disc inside theplayer is dirty.
- When a disc gets dirty, clean it with a cleaning cloth. Wipe the disc from the center
- Do not wipe in a circular motion. Circular scratches can cause picture distortionor render the disc unplayable.
- Caution: Do not use solvents, commercially available cleaners, or antistatic spray intended for analog discs

#### Turning on your DVD home theater system To start your home theater the first time:

- Plug in your home theater. The standby indicator on the front panel lights up. Press Standby/On (on your home theater or on the remote control). After a few
- seconds the display shows NO DISC. Turn on your television and select the AV input that your home theater is connected
- Press Fiect (on your home theater or on the remote control) The disc tray opens
- Place a DVD in the disc tray, then press **Eject**. The player reads the disc and starts playback. Before the movie starts to play, a menu appears.
- Select PLAY MOVIE and press OK. The movie starts.
- Although you can watch a movie immediately, to get the best results from your home theater, press STOP. Complete the following system setup options. This sets up all the functions on your 8
- home theater. You only need to do this when you first set up your home theater

#### Basic setup To complete basic setup:

Press the SETUP / EXIT button to enter the System Setup Menu.



- Press  $\blacktriangle$  or  $\forall$  to select a new setting, then press **OK** to confirm the changed setting. Repeat steps 3 to 5 to change the other settings.
- Press 4 to return to the previous menu.
- Press A to return to the main menu.
- Repeat steps 2 to 8 to change all settings
- After you have finished making the changes, highlight EXIT SETUP, press OK. -OR
- Press **SETUP / EXIT** again to exit Setup Menu.

#### Setting details



Use this setting to turn the screen saver option on or off. If you turn the screen saver on, the een saver image appears when you leave your home theater in Pause or Stop mode more than five minutes. This saver can protect the television screen from being damaged

#### Setting a password and rating level

Q & + + + +	国田をアル
SYSTEM SETUP	SYSTEM SETUP
SCREEN SAVER	SCREEN SAVER 1 KID SAFE
PASSWORD 2	PASSWORD 2 G
RATING	RATING > 3 PG
SOURCE	SOURCE 4 PG-13
	5 PG-R
	6 R
	7 NC-17
EXIT SETUP	EXIT SETUP 8 ADULT

Many DVD movie discs contain Motion Picture Association rating codes. This home theate n recognizes the codes on these DVDs. Your home theater provides a method for you to nt children from viewing films which you deem are not suitable or find objectionable

- KID SAFE: Content is safe for children.
- G: Recommended as acceptable for all ages.
- PG: Parental Guidance is suggested.
- PG-13: Material may not be suitable for children under age 13. R: Parents should restrict children under 17 from viewing this material or let them view the material only when superivised by a parent or adult guardian.
- NC-17: Not recommended viewing for children under age 17.
- Adult: Should be viewed only by adults due to graphic sexual material, violence, or language.

#### To set the rating:

- In the System Setup menu, press A or V to highlight Rating, then press
- Press  $\blacktriangle$  or  $\triangledown$  to highlight a rating level, then press **OK**.
- Press ▲ or ▼ to highlight Password, then press **OK**.
- Use the numeric keys (0-9) to enter a four-digit password. If you make a mistake before pressing OK, press CLEAR.
- Enter your four-digit security code again.

DVD discs that are rated above the level you selected will not play unless you enter correct the four-digit password.

Parental lock is NOT active

The Parental lock is active

- arental lock must be active for the rating level to function
- rental lock must not be active to changes the rating level If you forget the password, enter 76418 while the player is in NO Disc mode

#### Selecting the playing source

<u> </u>	12	20-	4
SYSTEM SETUP			
SCREEN SAVER			
SOURCE	DISC		

Select the source files that you want to play between Disc and USB. To access files in a USB device, make sure your USB devices is connected to the USB jack on the front pane

- This unit can not support NTFS format. If the USB flash drive does not work on it. Please check the USB flash drive file system and format it with FAT or FAT32. Not all MPEG 4 files can be played through the USB Jack due to the limited transmission speed
- Selecting languages for menus

You can select different languages for the Setup Menu. You can also select different languages for audio, subtitle, and menu recorded on the DVD.

2	E	8	7	a.
	GE SETU			
AUDIO	LANG LE LANG			
DISC M				

- OSD LANG: Select the Setup menu language.
- AUDIO LANG: Select the audible language heard during playback. SUBTITLE LANG: Select the subtitle language displayed on the television screet
- DISC MENU: Select the disc menu language.

t recorded on the disc, the disc's default language i Setting up the volume

## VOLUME SETUP FRONT R

#### To set the volume on a speaker:

Select Volume Setup, then press OK. You will hear the calibrating sound from the front left speaker for a few seconds. This sound then move from speaker to speake as follows

- Front Left Center Front Right
- Subwoofer Rear Right Rear Left If the calibrating sound is either too soft or too loud, exit Volume Setup, then adjust the

volume control until the calibrating sound is clearer. Let the calibrating sound cycle the all the speakers at least once.

- If the calibrating sound level from all speakers is approximately the same, no further adjustment is necessary.
- If any speaker sound level appears unbalance to the rest, you can increase or decrease the level of the speaker by pressing ▲ or ▼ to increase or decrease the speaker level when that speaker is highlighted.
- When you have completed the level adjustments, press OK to exit the Volume Setup and return to the previous menu

Note: We recommend to set Volume = 30 before entering this Volume Setup to further calibrating any unbalance speaker level output. Note: Speaker volume can also be changed in AV mode:

Press TUNER/AUX to select AV1 or AV2 mode. Movies or music on the connected VCR will play through

this home theater. Press SETUP/EXIT once. FL (front left) is displayed on the VFD. Press ◀ or ➤ to select the speaker you want to change the volume of: FL (front left), FR (front right), SL (surround left), SR (surround right), CEN (center, or SUB (subwoofer).



When a speaker has been selected, press A or V to increase or decrease volume -10 DB to +10 DB.

#### Turning on the dynamic range

2	18	2	- 4-
AUDIO S			
	E SETUP		
	IC RANGE		
PROLO			

Dynamic Range Control enables you to control the dynamic range to achieve a suitable sound for your home theater.

ON: Loud sounds, such as explosions, are turned down slightly during playback.

#### OFF: Your home theater plays at the recording level on the disc.

Specifying the type of digital audio

AUDIO SETUP DIGITAL OUTPUT SPDIF/RAW

Choose the type of digital audio output that matches the audio connection between your home theater and the external digital audio decoder.

SPDIF/RAW: Outputs the audio stream in original undecoded format. SPDIF/PCM: Outputs the audio stream in decoded PCM format

#### Modifying the Prologic II setting



The Dolby Pro Logic II Surround System is a specially encoded two channel analog format which reproduces five channel output when a Dolby Pro Logic II Decoder is used MOVIE MODE: Movie minde is for use with stereo television shows and all programs encoded in Dolby Surround. The result is enhanced soundfield directionality that approaches the quality of discrete.

Do not remove too much insulation from the wire cables to avoid the stripped portions from touching each other. The optimal length for the stripped part should

> #



Pay particular attention when designing the speaker layout. For the best surround effects, all

MUSIC MODE: Music mode is for use with any stereo music recordings, and provides a wide nd deep sound space. The Music mode includes different controls that let you tailor sound to your individual listening preference.



Panorama, center width, and dimension are available only when the player is in Music Mode. These options let you customize the ProLogic II Music Mode Sound Effect PANORAMA: Extends the front stereo image to include the surround speakers for an exciting

#### aparound effect with side-wall imaging.

CENTER WIDTH: With ProLogic decoding, dominant center signals can come only from enter speaker. If no center speaker is present, the decoder splits the center signals equally to the left and right speakers to create a phantom center image. The Center Width allows ariable adjustment of the center image so it may be heard only from the center speake only from the left and right speakers as a phantom image; or from all three front speakers o varving degrees.

DIMENSION: A control that alters the ratio of L+R to L-R for the two-channel input signals. It let you gradually adjust the sound field either towards the front or towards the rear. If a recording is too spacious or strong from the surrounds, it can be adjusted forward to get a better balance. Likewise, if a stereo recording is somewhat too mono or narrow sounding adjusted it toward the rear to get a more enveloping, immersing result

#### Specifying the video output



Choose the type of video output that matches the video connection between your home theater and the television.

- 480i YPBPR: Select this if you have connected your home theater to your television using the Y, Pb, Pr video jacks and are not using the progressive scan feature. P-SCAN YPBPR: Select this if you have connected your home theater t
- the Y, Pb,Pr video jacks and are using progressive scan feature S-VIDEO: Select this if you have connected your home theater to your television using S-



- 4:3 PS Select this when your home theater is connected to a normal televisior een images are shown on the screen, but with some parts automatically
- 4:3 LB Select this when your home theater is connected to a normal televisior creen images are shown on screen, with black belts on the top and bottom. 16:9 Select this when your home theater is connected to a wide-screen television.

#### A disc recorded in 4:3 mode will only play in 4:3. The TV TYPE should correspond to the television

#### Setting up the speakers



eaker is placed close to the front sp eakers, choose CENTER DIST, to set the Center di a smaller number to achieve the best listening effect.

nd speakers are placed closer to the listening position than the front speakers, choose REAR DIST, to set the rear distance value to a larger number to achieve the best listening effect.

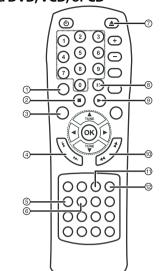
## Using your DVD home theater system

Playing discs

- You can play the foll
- DVD-Video
- Note: For the purpose of distribution of DVD Discs, the world has been separated into six zones. The zone your unit is intended for is indicated on the Zone Label. This should be the same as the label on discs available in your region. If you have any difficulties in playing a disc, make sure that the disc is for the same zone as your home theater. DVD-R, DVD-RW, DVD+R and DVD+RW
- DVD-R and DVD-RW discs must be made in Video DVD mode. DVD+RW disc must be made in accordance with the specifications for DVD+RW disc with a 4.7 GB
- capacity.
- Video CD (VCD) Super Video CD (SVCD)
- Audio CDs
- CD-R and CD-RW
- This player can play most CD-R and CD-RW discs. However depending recording conditions, you may find that not all discs will play successfully. MP3 Files on CD-R or CD-RW
- MP3 files should be ISO 9660 or JOLIET format. If the sampling frequency is 44. or 48.1KHz, and the fixed bit rate is 128Kbps or higher, MP3 files can be played. However, some files may not play depending on their conditions or formats. WMA Files on CD-R
- If the sampling frequency is 32KHz, and the fixed bit rate is 128Kbps or higher, WMA files can be played. However, some files may not be played depending on their conditions or formats.

- JPEG Files on CD-R or CD-RW
- is player can play JPEG files with a resolution for up to five million pixels. Certai JPEG files cannot be read by this player. MPEG 4 Files on CD-R or CD-RW
- Your MPEG 4 files should be ISO format without OPEL

#### Playing a DVD, VCD, or CD



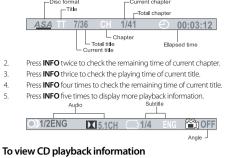
TITLE - Press to display the Title Menu if present on the disc. This feature w DVD playback only.

- 2 Stop
- Press once to stop the current playback instantly and enter the Resume Play
- mode Press > to resume playback from the point at which you last stopped the disc
- Press twice to stop playback completely. You cannot resume playback.
- Press > to start playback from the beginning of the disc
- MENU Press to display the Disc Menu
- 1.6 Angle Displays the viewing angle currently selected. When a disc without multi-angle is played back, 留OFF is displayed. Note: Playback stops to display the menu. The button does not work for CD playback. For VCD, this button is e when PBC is set to on. 1.7 TRK (track info) - Displays the currently playing track number and the total nu
- I≪</▶▶I- Skip to the beginning of a chapter or track
- When a disc is plaving, you can skip backward or forward a chapter or track. Press I to skip to the beginning of the previous chapter or track.
- Press ►►I to skip to the beginning of the next chapter or track. or audio CD discs, use the numeric buttons (0-9) to directly jump to a track number
- Note: When operating a VCD with the PBC function, the PBC should be set to OFF
- ZOOM (To Zoom In the Image) Press to magnify pictures during playback When a disc is playing, press the **ZOOM / CLEAR** button. Each time ZOOM CLEAR button is pressed, the ZOOM settings are changed as follows
- ZOOM x 3 ZOOM x 2 • 700M x 4 700M x 3/4
- ZOOM x 2/3 ZOOM x 1/2
- 700M · OFF
- While an image is magnified, you can use the ▲, ▼, ◀, and ▶ keys to shift image for
- To return to the original normal view, press the ZOOM key until the ZOOM : OFF symbol shows. The screen returns to norma
- When you reach the edge of the image, the display will not shift anymore in that
- ANGLE Press to change the viewing angle in DVD. You can select different angles of ng when playing a DVD video disc that contains scenes recorded from
- Press ANGLE repeatedly to select different angles of viewing if available on the disc. function is only available when the scenes shot from multiple angles have been recorded on the ti-angle viewing is not available,  $\cong$  OFF is displayed.
- ▲ (Open / Close) Press to open the disc tray.
- ad the disc on the disc tray with disc label facing upward. Press ≜ again to close the disc tray. The home theater starts playback automatically.
- Pause You can freeze the image and advance frame-by-frame. CD: Press II to pause the playback. Press II again or press ► to resume the normal
- DVD / VCD: Press to pause the playback. Press again to go to STEP mode. Each time you press, the video advances one frame.
- ss 🕨 to resume playback
- ▶ Play Press ▶ to start playback.
- (search backward or forward, slow motion) Press <</>
  />> to search backward or forward. Press to resume playback.
- Each time **I** or **I** or is pressed, the speed of backward or forward search changes accordingly
- In Pause mode, press <</td>to start forward or backward slow motion play Each time *dot* or *both* or is pressed, the speed of slow-motion playback changes accordingly. Press *b* to resume normal playback.
- Note: Slow motion step-by-step does not work with CD Playback. Backward slow
- 11. SUBTITLE Press to change a different subtitle language available on the disc. During playback, you can change to a different subtitle language or disable subtitles.
- a disc is playing, press SUBITILE to show the current playback language subtitle.
- ess repeatedly to select the desired subtitle language
- Note: This function can only be used for disc on which different subtitle languages has number of languages recorded may be different depending on the disc.
- AUDIO / FM ST Press to change to a different audio language on the disc during playback. You can change audio language or audio output When a disc is playing, press AUDIO / FM ST to show the current playback audio
- OD: [1 ] 2CH]
- Press repeatedly to select the desired audio track.
- is only one audio track available on the disc, the number doe
- Advanced DVD, VCD, and CD playback

## Using the INFO function

While the disc is playing, press INFO to display playback information present on the disc. To view DVD playback information

Press INFO to display DVD playback information





LTotal trac Elapsed time

#### Press INFO to display CD playback informaiton. To view VCD playback information

1.4 Audio - Displays the audio track currently selected.

**1.8 Unmute Icon** - Displays when the sound is unmuted

1.9 Repeat Mode - Displays any repeat mode that is set.

2. Using the GOTO function

Note: After checking the settings, press INFO again to turn off the displa

Select a specific title, chapter, or track

Note: Press CLEAR to reset the highlighted title, chapter, or track.

racks recorded on the disc.

Press GOTO

2.2 Locating a specific time

Press **d** or **b** to highlight time.

The first two digits are the hours.

The next two digits are the minutes.

ome scenes may not be located as precisely as you specified his method for accessing the specific location is available on ress **CLEAR** to reset the time when the time is highlighted

Programming Playback

Press the **PLAYMODE** buttor

Enter the title numbers in 🚥

imbers you input.

3.2

Use **< ▶**, **▲**, or **▼** to move to another entry.

Repeat the above steps for more inputs.

CD, VCD, SVCD programming

Enter the track numbers in 🔜

Highlight CLEAR on the PROG screen, then press OK to delete all inputs

Press **OK** to confirm

3.2 DVD programming

The last two digits are the seconds.

key 0 - 9

21

- Disc format Total trac
  - LCurrent track PBC status Elapsed
- Press INFO to display VCD playback information.
- Press INFO twice to check the remaining time of current track. (CD/VCD) Press INFO thrice to check the playing time of current disc. (CD/VCD)
- Press INFO four times to check the remaining time of current disc. (CD/VCD) The following describes information you may see when pressing **INFO** during DVD, CD, or
- VCD playback
- 1.1 TT (title info) Displays the currently playing title number and the total number of titles

1.3 Elapsed Time - Displays the elapsed time from the beginning of the title playback.

1.5 Subtitle - Displays the language (subtitle) number currently selected.

This function lets you directly select any point of the disc to start playback.

Press < or > to highlight a title, chapter, track and press the corresponding numeric

You can select any specific location by directly entering the time in hours, minutes, and

Press OK to confirm. Your home theater starts playback from the time you select.

Directly key in the time to start playback using the numberic keys 0 - 9.

When the MODE state is highlighted, use ◀ or ► to select PROG mode

Use  $\triangleleft$  or  $\blacktriangleright$  to highlight chapter and enter the chapter numbers in 🚥

Press > or highlight PLAY on the screen and press OK to start the programmed

Highlight the current input on the screen and press **CLEAR** to delete the title chapter

Chapte

- Title

Note: During VCD and SVCD playback, the function is only available when PBC is 3.1 DVD pre-

ss **OK** to confirm. Your home theater starts playback from the position you select.

select any specific title, chapter, or track by number to start playback

1.2 CH (chapter info) - Displays the currently playing chapter number and the total number ded on the disc

#### Stop

Repeat the above steps for more inputs.

Highlight CLEAR on the PROG screen and press OK to The function is only available when PBC is turned off.

4.1 Repeat a title, chapter, track, or whole disc

Use  $\blacktriangle$  or  $\blacksquare$  to select the **REPEAT** option.

node is highlighted on the screen.

etween PBC on and PBC of

PBC: [ ON ]

PBC: [OFF]

Using the bookmark feature

Recalling a bookmark scene

Press CLEAR to reset the highlighted bookmark.

Selecting different EQ modes

Press ◀ or ▶ to switch to the Bass Control.

Press ▲ or ▼ to adjust the Treble / Bass Level

/c (0\_0) to a

6.1 Create a bookmark

6.

6.2

7.

7.1 EQ modes

CLASSIC. or JAZZ.

7.2 Treble / Bass control

CLASSIC

BASS 0

BASS +5

automatically.

options:

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8. Using the sleep feature

SLEEP: 90 MINUTES

8.2 Cancelling the sleep timer

8.1 Checking the remaining sleep time

8.1 Setting the sleep timer

SLEEP OFF

4. Repeating Playback

Press the PLAYMODE butte

For DVD Disc : Off, REP All, Chapter, or Titl

4.2 Repeat a specific section

REPEAT A-

For CD / VCD / SVCD Disc : Off, REP 1, or REP A

For MP3 / JPEG / WMA Disc : Off, REP DIR, or REP 1

access the Playmode menu

playback.

input.

Notes

Press ► or highlight PLAY on the screen and press **OK** to start the programmed

Use **◄** or **▶** to select a different repeat mode, then press **OK** to confirm. The selected

When a VCD or SVCD is playing, press **PBC**(Playback Control) repeatedly to toggle

If available, the disc menu appears on the television. Use Idd / Del or the numerie

Using PBC (VCD and SVCD playback control)

beginning. The PLAYMODE button is available when playing a VCD.

MARK -- ----- T1 C1 00:03:21

The Bookmark feature lets you mark a point in the DVD that you want to watch agai

During DVD playback, press **BOOKMARK** to access the bookmark menu

Use  $\blacktriangleleft$  or  $\blacktriangleright$  to highlight the bookmark you want, then press  $\blacktriangleright$  to play from the

Press TONE repeatedly on the remote for one of five EQ modes: FLAT, ROCK, POP,

Use  $\blacktriangleleft$  or  $\blacktriangleright$  to navigate, then press  $\mathbf{OK}$  to bookmark your desired point.

During playback, press **BOOKMARK** to access the Bookmark m

Press TONE once, then press OK. The Treble Control is enabled.

TREBLE 0

This feature lets you select a time for your home theater to switch to the Standby m

Press SLEEP on the remote control repeatedly to cycle through the following sleep time

When the Sleep timer is switched on, you can check the remaining time before your home

theater switches to Standby mode. Press SLEEP once and the remaining time is displayed.

To switch off the Sleep Timer, press **SLEEP** repeatedly until SLEEP OFF is displayed

Playing MP3, WMA, JPEG, and MPEG 4 files

0000 0000 0000

SLEEP: 120 MINUTES

SLEEP: 60 MINUTES

TREBLE -3

SLEEP: 30 MINUTES
 SLEEP: 15 MINUTES

Press to stop playback Press to display the selection menu during playback (for JPEG files only).

#### Highlight the current input on the screen, then press **CLEAR** to delete the track you Press > to resume normal playback.

- Active Navigation Press to select a file, then press OK to start playback
- I ← Press to skip a track or picture backward or forward.
- ZOOM / CLEAR ZOOM - Press to zoom into the picture during a JPEG file slideshow or an MPEG 4 playback
- CLEAR Press to delete the information you input. You can play a specific title, chapter, or track repeatedly. Press the **PLAYMODE** button to
  - ▲Open / Close Press to open the disc tray. Note: Load the disc on the disc tray with disc label facing upward
  - Press again to close the disc tray. Playback starts automatically

#### Pause 6

- Press to pause playback Press again to resume normal playback.
- ▶ Play Press to start playback.
- **ROTATE** (for JPEG file only)
- During the playback of a JPEG file, press **ROTATE** to rotate the picture.

#### Using the Selection menu

The Selection Menu appears when starting MP3, WMA, JPEG, or MPEG 4 playback.Folders

- appear in the left pane. Folders are numbered from the top to the bottom. When you highlight one of the folders, all the contents of this folder are displayed in the right pane. All the tracks, pictures, and movies are numbered from top to bottom. Use the activ While the disc is playing, press A-B to set the beginning of the section you want to navigation keys to select files. Press **OK** or  $\blacktriangleright$  to start playback
  - Active navigation keys can also be used to select folders containing MP3, WMA, JPEG, and MPEG files. When a folder is selected, the first file plays automatically.

Press A-B again to set the end of the section you want to play repeatedly. Your home theater immediately begins replaying your selection repeatedly.	BITRATE BITRATE 03 MP3
REPEAT A-B         Press A-B again to clear the programmed repeat playback and return to the normal playback.         A-B CANCEL	01 B 1TATE 01 B1TATE 02 B1TATE 03 02 FOLDER 150 02 B1TATE 04 03 FOLDER 150 03 B1TATE 04 04 A0D CHARAK 03 B1TATE 05 05 ALPHANUVER 05 B1TATE 05 06 AUMERIC 06 B1TATE 05 07 FOLDER 2 07 B1TATE 05 08 FOLDER 4 09 B1TATE 15 09 FOLDER 4 09 B1TATE 15
he A-B repeat function can only be used within the same title. If the start and end of the section to be peated are in different titles, it will not work. He A-B repeat function does not operate in scenes where different camera angles are recorded.	Music L Movie

#### Playing MP3 and WMA files

Your home theater begins plaving all of the MP3 and WMA files currently selected. Then it plays all the files in the subfolders contained within its parent folder. After that, your home ning folders on the disc.

#### To create an MP3 playlist:

- Press the **PLAYMODE** button on the remote control. The Play Mode Menu displays on the scree
- Highligt **MODE**, then use **◄** or **▶** to select PROG mode. Your home theater skips the disc menu and starts playback directly from the
  - Press  $\mathbf{OK}$  to open MP3 program menu. In this menu, the letter F means folder and T means track. Enter the folder number below the F and the track number below the T using a 2-
  - digital number. Use the Navigation keys to move to another field, then repeat step 4 for the next

  - Press > or or highlight PLAY on the screen, then press OK to start playback
  - Highlight CLEAR on the PROG screen, then press OK to delete all inputs. You can progam up to 16 songs total

#### Viewing JPEG files

Your home theater starts the slideshow for the currently selected JPEG file. It then displays all an non-la dreade statistical sub-situation for the currently selected and the current usprays and her remaining JPEG files in the same folder. After that, your home theater plays the JPEG es in the subfolders contained in the same folder.

#### Viewing MPEG 4 files

Your home theater starts to play the whole file currently selected Note: You cannot play WMA and JPEG files simultaneously

Listening to the radio

#### -M and AM antennas are co

can program up to 20 FM radio channels and 20 AM radio channels To search for a radio station

- Press STANDBY/ON on the remote control to turn on your home theate Press **TUNER/AUX** on the remote control or SOURCE on the front panel repeatuntil the Tuner mode is selected.
- Press TUNFR/AUX on the remote control or SOURCE on the front panel again to
- between AM and FM bands if necessary.
- Tune to the radio station by one of the following methods
- Nanual Tuning --- Press or repeatedly on the remote control until the des
- AUTO SCAN function. Release the button. The AUTO SCAN function stops on any radio station found this process until it stops on the desired station.

#### To save a radio station

When a radio station is located, press and hold OK until the frequency flashes or the VFD display.

## - FM 87.50.

Press **◄** or **▶** use the remote control numeric keys 0 - 9 to select the channel number hat you want your home theater to memorize.

#### СН 02

Press OK again to store into channel number. The word SAVED is displayed during saving operation. The radio station is memorized to that channel numbe

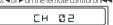
## SAVED

Repeat the above steps to save up to 20 radio channel

Note: When you tune at a weak FM station manually, press AUDIO / FM ST on the

#### ode to Mono mode to reduce the background noise

- To recall a memorized radio statior Press the STANDBY/ON button on the remote control to turn on your home
- Press TUNER /AUX on the remote control or SOURCE on the front panel repeatedly
- until the Tuner mode is selected. Press again to switch between AM and FM bands if necessary
- Press ◀ or ▶ on the remote control or I◀◀/▶▶I on the front panel to change



#### Troubleshooting

Under no circumstances should you try to repair your home theater yourself, as this will nvalidate the warranty. Only qualified service personnel can remove the cover or

#### NO POWER

- Make sure that the on/off button on the front of your home theater is set to on Make sure that the power cord plug is correctly connected
- Make sure that there is power at the AC outlet by plugging in another appliance
- NO PICTURE

- Check the video connection. Make sure that the channel selector is set to AV on the TV (See your TV manual for instruction When Progressive Scan is on, composite video output is disabled. Press the V-SELECT buttor.
- DISTORTED PICTURE
- ometimes a small amount of picture distortion may appear. This is not a malfunction the disc format does not match the TV being used (PAL/NTSC).
- /ideo output is connected
- NO COLOR IN PICTURE
- me as that of the TV being used (PAL/NTSC) vake sure that the DVD player is not connected through a VCB.
- PICTURE SWINGS

DOES NOT RETURN TO START-UP SCREEN WHEN DISC IS REMOVED

- THE PLAYER DOES NOT RESPOND TO THE REMOTE CONTROL
- Avoid all obstacles that may interfere with the signal path
- ct or replace the batterie
- NO SOUND
- If using a Hi-Fi amplifier, try another sound source Clean the disc.

- NO AUDIO AT THE DIGITAL OUTPUT
- Check the digital connections. Check the Digital Out menu to make sure that the digital output is correctly se DISC CANNOT BE PLAYED

YOU HAVE FORGOTTEN THE PASSWORD

#### FUNCTION DISTURBED

Warrantv

How long does the coverage last?

What does this warranty cover?

ow to obtain warranty service

Where is the warranty valid?

What does the warranty not cover?

warranty does not cover:

This warranty also does not cover:

Customer instruction

Reset your home theater by disconnecting and reconnecting the power cord

nees your nome meater by asconnecting and reconnecting the power cord. **ming:** This equipment may generate or use radio frequency energy. Changes or modifications to th jornent may cause harmful interference unless the modifications are expressly approved in this manual. Th could lose the authority to operate this equipment if an unauthorized change or modification is made.

user could lose the authority to operate this equipment if an unauthorized change or modification is made. Regulatory information FCC Part 15 - This equipment has been tested and found to comply with the limit for a Class 8 digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the home theater is operated in a residential installation This home theater generates, uses and can radiate radio frequency energy and, if not installed and used i accordance with this manual, may cause harmful interference to radio communications. However, there is no ntee that interference will not occur in a particular installation. If this home theater does cause rence to radio or television reception, which can be determined by turi er is encouraged to try to correct the interference by one or more of th

gina Products (Insigna) warrants to you, the original purchaser of this new NS-H2002 LVD. Home I heater Hen (Product), that the product shall be free of defects in the original manufacture of the material or kmanship for a period of one (1) year from the date of your purchase of the Product (Warranty Period) s product must be purchased from an authorized dealer of Insignia brand products and packaged with warranty statement. This warranty does not cover refurbished. Product. If you notify Insignia during the

y this warranty that requires service, terms of thi

rranty Period, if the original manufacture of the material or workmanship of the Product

etermined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sol otion): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new o

uilt comparable products or parts. Products and parts replaced under this warranty become the property

u purchased the Product at a retail store location, take your original receipt and the Product to the store yo hased it from. Make sure that you place the Product in its original packaging or packaging that provide same amount of protection as the original packaging. If you purchased the Product from an online we mail your original receipt and the Product to the address listed on the web site. Make sure that you pu

Set up adjustments
 Cosmetic damage

Accident

Commercial use

Reorient or relocate the receiving antenna. Increase the separation between the home theater and receiv

the receipt you received with the Produc

duct in its original packaging or packaging that provides the si

Installation

3 Walfaring also uses incorrect operation or maintenance - Connection to an incorrect voltage Attempted repair by anyone other than a facility authorized by Insignia to service the Prod Products sold as is or with all faults - Consumables, such as fuses or batt

Products where the factory applied serial number has been altered or removed REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY, INSIGNIA SHALL NOT BE LIABLE FOR ARY INCIDENTIAL OR CONSEQUENTIAL DAWAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFILS, INSIGNIA PRODUCTS MAKES NO THER EXPRESS WARRANTES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTES OF AND CONDITIONS OF MERCH-INITABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTES, WHETHER EXPRESS OR INPLIED, WLILL APPLY AFTER THE WARRANTY PERIOD SET FORTH ABOVE PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU THIS WARRANTY GUES YOU SPECIFIC LEGA. RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE OR PROVINCE TO PROVINCE.

roducts sold as is or with all faults . Consumables, such a roducts where the factory applied serial number has been altered or remov

Damage due to acts of God, such as lightning strikes Misuse • Abuse • Negligence

Modification of any part of the Product, including the antenna

Connect the home theater to a supply outlet different from that to which the receive Consult the dealer or an experienced radio/TV technician for help.

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. The

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