

User Guide



HD Radio Shelf System with iPod® Dock

NS-HD3113

Insignia NS-HD3113 HD Radio Shelf System with iPod Dock

Let's get started! Tuning in to HD Radio broadcasting

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Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-HD3113 represents the state of the art in shelf system design and is designed for reliable and trouble-free performance. Your shelf system also includes an iPod® dock that lets you play iPod® songs through your shelf system speakers.

Welcome to HD radio

Your new Insignia audio system lets you listen to digital AM and FM programming. To help you get the most out of your Insignia HD Radio receiver experience, please read these tips:

HD Radio broadcasting quality

You will be amazed by the superior CD-like sound of FM HD Radio stations, and the FM-like sound of AM stations. Pops, hisses and dropouts are a thing of the past with an HD Radio receiver. Hearing is believing.

HD2 multicasting - how do I get these new channels?

HD2 multicasting means more free FM channels and new programming available from local FM stations, which you can ONLY hear on your new HD Radio receiver by just tuning up or down the dial. Across the country, local FM stations are offering a wide variety of new formats and content on their HD2 channels, including more music, news, sports. You can tune in to anything from reggae, blues, classic jazz, to future country, new alternative, deep tracks, bluegrass, and local artists. Visit hdradio.com to find new HD Radio broadcasting stations in your area.

Is HD Radio broadcasting the same as satellite radio?

No. HD Radio broadcasting is subscription free... your favorite local AM and FM radio stations broadcasting digitally, producing radically improved sound, and many more new FREE FM channels.

Tune your new HD Radio receiver up or down the same way you do with your traditional radio. Once an HD Radio broadcasting station is tuned in you will hear approximately 5 seconds of analog sound/signal while the receiver is blending the digital signal, then the receiver will lock the digital signal. During that 5 seconds, the HD Radio logo will blink. Once the digital signal is locked, the HD Logo will stop blinking and remain lit.

From the primary (main) HD1 frequency, you can tune into a multicast station (HD2 and HD3). Simply use the radio's controls to tune up one step. You will see the frequency display change for example from 99.1-HD1 to 99.1-HD2.

Should you lose digital signal, your HD Radio receiver will default to analog signal on the main station. Multicast stations (HD2 and HD3) are "digital only" stations. Should you lose the digital signal of a multicast station (for example, when driving through a tunnel), there will be no sound coming from your radio, as if it were on mute. You can tune back to the main station to hear its analog broadcast, or wait for the HD-2 station signal to re-lock.

A note on indoor reception and antenna placement

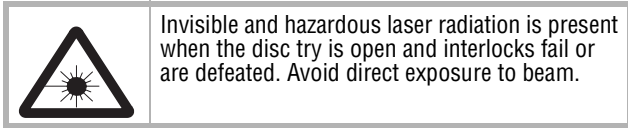
Always make sure you have the antenna properly hooked up directly into the HD Radio receiver. If you are in a building with poor reception (metal beams, concrete walls), try to locate the receiver by a window for better reception. If your HD Radio receiver will not respond, power down the unit to reset the tuner, and then power it back up again.

Safety information



	The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert you to the presence of uninsulated dangerous voltage within your shelf system's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
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	The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying your shelf system.
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Invisible and hazardous laser radiation is present when the disc tray is open and interlocks fail or are defeated. Avoid direct exposure to beam.

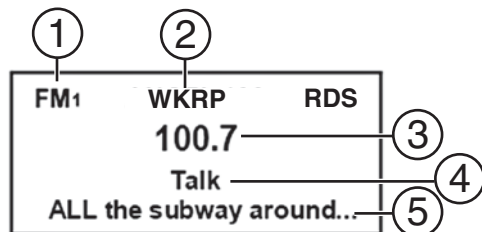
- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
- 8) Do not install near any heat source, such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety feature of the polarized or grounding-type plug. A polarized 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 the shelf system.
- 11) Only use attachments/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 shelf system during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personal. Servicing is required when the shelf system has been damaged in any way, such as the power cord or plug is damaged, liquid has been spilled or objects have fallen into the shelf system, the shelf system has been exposed to rain or moisture, does not operate normally, or has been dropped.

Features

LCD display

RDS radio broadcast

When receiving an RDS radio broadcast, the following information appears on the LCD.

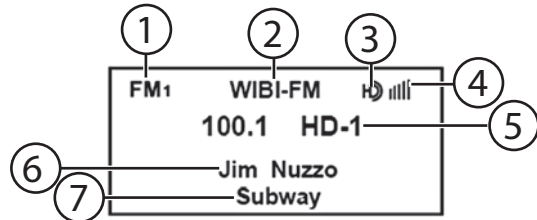


#	Information
1	Radio band (AM/FM1/FM2)
2	Station call letters

#	Information
3	Broadcast frequency
4	Genre
5	Radio text

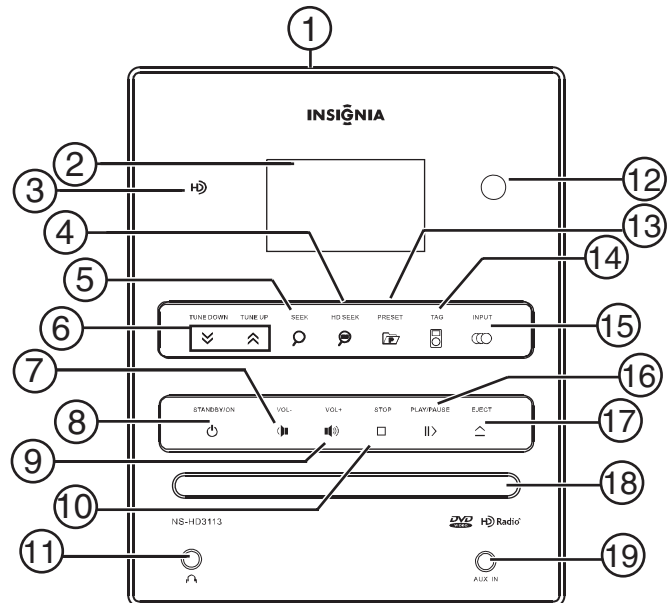
HD radio broadcast

When receiving an HD radio broadcast, the following information appears on the LCD.



#	Information
1	Radio band (AM/FM1/FM2)
2	Station call letters
3	HD radio broadcast indicator
4	Signal strength
5	Broadcast frequency
6	Artist
7	Song title or radio show title

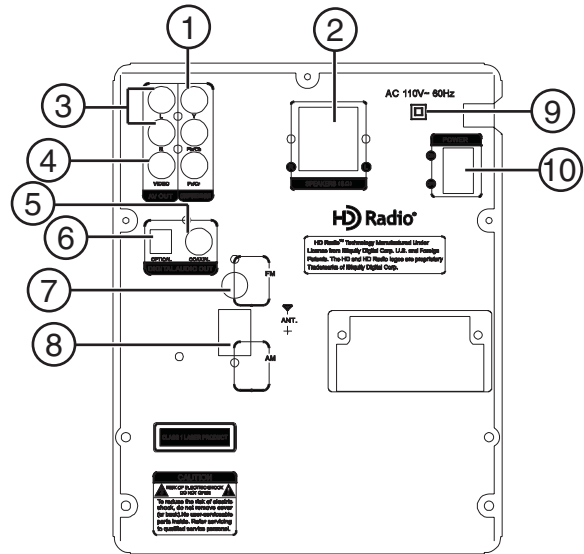
Front



#	Component	Description
1	iPod® dock	Place your iPod® here to connect it to the shelf system.
2	LCD	Displays status information, such as the time, radio band, track number, and playback mode.
3	HD Radio logo	Blinks when an HD radio station is being acquired or tuned. Lights when an HD radio station is found.

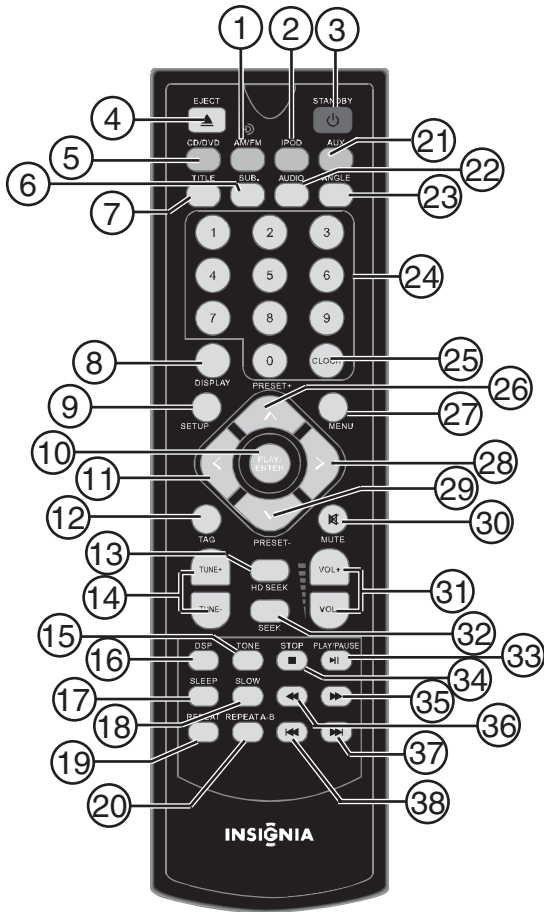
#	Component	Description
4	HD Seek button	In HD radio mode, press to seek the next (higher frequency) HD radio station or HD multicast station.
5	Seek button	In radio mode, press to seek the next (higher frequency) radio station.
6	TUNE DOWN ▼ button TUNE UP ▲ button	In radio mode, press to tune to a lower frequency. In radio mode, press to tune to a higher frequency or next HD multicast station.
7	VOL.- button	Press to decrease the volume.
8	STANDBY/ON ⏻ button	Press to turn on your shelf system or put it in standby mode.
9	VOL.+ button	Press to increase the volume.
10	■ STOP button	Press to stop playback.
11	Headphone jack	Plug headphone into this jack. When headphone is plugged in, no sound comes from the speakers.
12	Remote control sensor	Point the remote control at this sensor to control your shelf system.
13	PRESET button	In radio mode, press to select a station preset.
14	TAG button	When listening to an HD Radio station, press to tag songs for additional information or purchase.
15	INPUT button	Press to select the play mode for your shelf system. Choices are AM , FM , CD , iPod® , or AUX .
16	▶ PLAY/PAUSE button	In playback mode, press to begin playback. Press again to pause playback. Press again to resume playback.
17	⏏ EJECT button	Press to open or close the disc tray.
18	Disc tray	Place a DVD or CD in this tray to play it.
19	AUX input jack	Plug the cable from an external sound source into this jack.

Back



#	Component	Description
1	Y, Pb/Cb, Pr/Cr (component) output	Connect component video cables from these jacks to a TV or monitor.
2	L/R speaker output	Connect the wires from the left and right speakers here.
3	L/R audio output jacks	Connect RCA audio cables from these jacks to the audio L/R input jacks on a TV or monitor.
4	Video (composite) output	Connect an RCA video cable from this jack to the composite video input jack on a TV or monitor.
5	Coaxial audio output	Connect a coaxial audio cable from this jack to the coaxial audio input jack on an external audio amplifier.
6	Fiber optic audio output	Connect a fiber optic audio cable from this jack to the fiber optic audio input jack on an external audio amplifier.
7	FM antenna input	Connect the FM antenna here.
8	AM antenna input	Connect the AM antenna here.
9	AC input	Connect the AC power cord to a power outlet.
10	Power On/Off	Press to turn power to the shelf system on or off.

Remote control



#	Button	Description
1	AM/FM	In radio mode, press to switch between AM, FM1, and FM2.
2	iPod	Press to switch to iPOD mode.
3	STANDBY	Press to turn on your shelf system or to put it into standby mode.
4	EJECT	Press to open or close the disc tray.
5	CD/DVD	Press to switch to CD and DVD playback mode.
6	SUB.	Press repeatedly to cycle through the available subtitle languages.
7	TITLE	While playing a DVD, press to display a list of the titles on the DVD.
8	DISPLAY	Press to get information about the DVD or VCD currently playing. In iPod mode, press to switch between component video output and chromatism (enhanced) video output. Before using this setting, make sure that the Y, Pb/Cb, Pr/Cr component outputs have been connected.
9	SETUP	Press to open the on-screen display (OSD) menus.

#	Button	Description
10	PLAY/ENTER	In playback mode, press to begin playback. In menu mode, press to confirm your settings.
11	◀ (Left direction key)	Press to navigate the on-screen menus.
12	TAG	When listening to an HD Radio station, press to tag songs for additional information or purchase.
13	HD SEEK	In HD Radio mode, press to seek the next (higher frequency) HD Radio station or HD multicast station.
14	TUNE +/-	Press to tune the radio to a higher or lower frequency.
15	TONE	Press to select the bass or treble adjusting mode, then press the Up/Right direction buttons to increase volume or the Down/Left direction buttons to decrease volume.
16	DSP	Press repeatedly to set the sound field. You can select FLAT, ROCK, JAZZ, CLASSIC, or POP.
17	SLEEP	Press to set the sleep mode timer. When the sleep mode timer is set, the player turns off automatically after the interval selected.
18	SLOW	Press to play back in slow motion.
19	REPEAT	Press to set up the repeat feature.
20	REPEAT A-B	Press to set the beginning and end points of a section (of a DVD or CD) that you want repeated.
21	AUX	Press to switch to Audio in mode.
22	AUDIO	Press to cycle through the available audio languages on a DVD.
23	ANGLE	Press to view a DVD from a different angle, when available.
24	Number buttons	Press to input numbers, such as time, date, and password, and to select radio presets directly. While setting the clock, press any number to switch between AM and PM.
25	CLOCK	Press to set the clock (time and date).
26	▲/PRESET+	In menu mode, press to navigate the menus. In radio mode, press to go to the next preset station.
27	MENU	In playback mode, press to open the menu.
28	▶ (Right direction key)	Press to navigate the on-screen menus.

#	Button	Description
29	▼/PRESET-	Press to navigate the on-screen menus. In radio mode, press to go to the previous preset station.
30	MUTE	Press to turn off the sound. Press again to turn the sound back on.
31	VOL +/-	Press to increase or decrease the volume.
32	SEEK	In radio mode, press to seek the next (higher frequency) radio station.
33	▶ PLAY/PAUSE	Press to pause playback. Press again to resume playback.
34	■ STOP	Press to stop playback.
35	▶▶ (Fast forward)	In playback mode, press to fast forward the disc. Press and hold to search forward on the disc.
36	◀◀ (Fast reverse)	In playback mode, press to fast reverse the disc. Press and hold to search backward on the disc.
37	▶▶ (Next)	In playback mode, press to skip to the next track.
38	◀◀ (Previous)	In playback mode, press to skip to the previous track.

Using the remote control

- Point the remote control directly at your shelf system, within a 60° angle horizontally (30° to either side), and within 30° vertically of the remote control sensor on the front of your shelf system and within approximately 23 feet (7 m) of your shelf system.
- Make sure that there are no obstacles between the remote control sensor on your shelf system and the remote control.
- Direct sunlight, an incandescent or fluorescent lamp, or any strong light shining on the remote sensor may prevent the sensor from receiving signals from the remote control.

Setting up your shelf system

Installing remote control batteries

To install the remote control batteries:

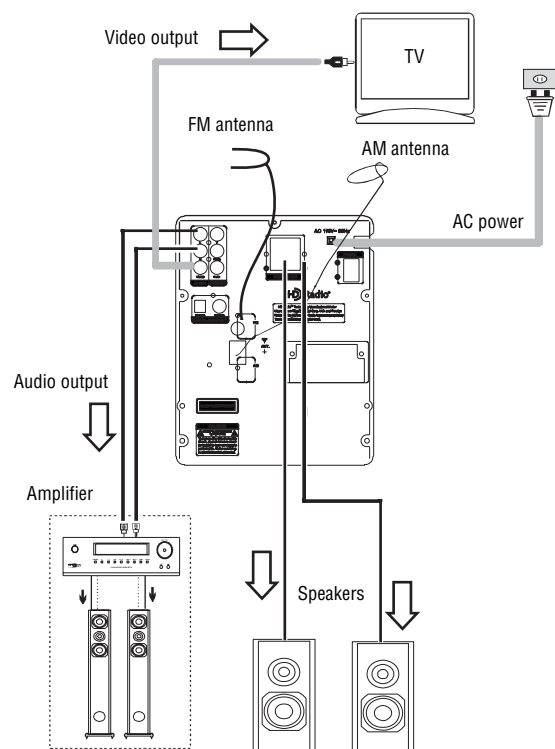
- 1 Remove the battery cover.
- 2 Insert two AAA batteries into the battery compartment. Make sure that you match the + and – symbols on the batteries with the + and – symbols in the battery compartment.
- 3 Replace the cover.

Notes

- Do not mix batteries of different types.
- Do not mix old and new batteries.
- Remove batteries when the charge is depleted.
- Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.
- If the remote control is not going to be used for an extended period of time, remove the batteries.

Making connections

The following illustration shows the basic connections for your shelf system. See “Connecting to a TV” on page 8 and “Connecting to a digital amplifier” on page 8 for a more complete explanation of specific connections. Make sure that all connections are solid and secure. Do not connect the AC power cord until all other connections have been made.



Connecting the speakers

Your shelf system comes with two speakers and two speaker cables.

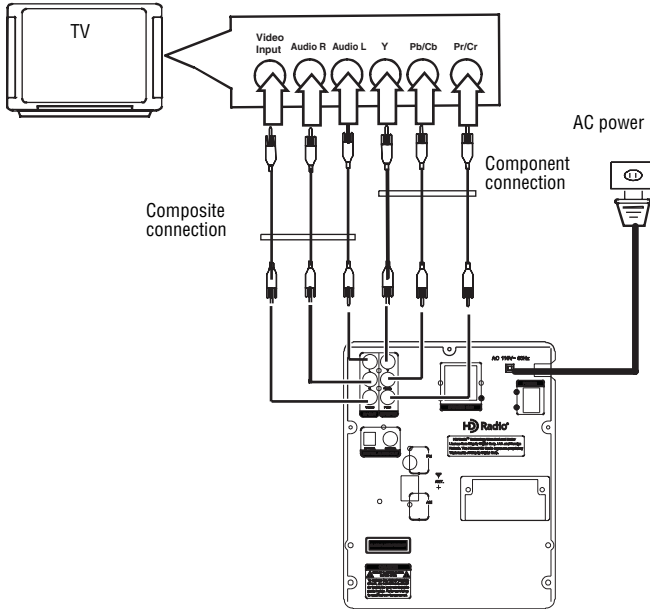
To connect the speakers:

- 1 Press the lever on the red jack on the back of the speaker, then insert one end of a speaker cable into the jack, then release the lever.
- 2 Press the lever on the red jack on the back of your shelf system, then insert the other end of the speaker cable into the jack, then release the lever.
- 3 Repeat Step 2 and Step 3 to connect the other speaker cable to the black jacks on the other speaker and the back of your shelf system.

Connecting to a TV

If your TV has component (Y, Pb/Cb, Pr/Cr) connectors, use a component cable (not provided) to make connections. This type of connection provides the best picture.

If your TV does not have component connectors, use the A/V composite cable (provided) to make the connections.

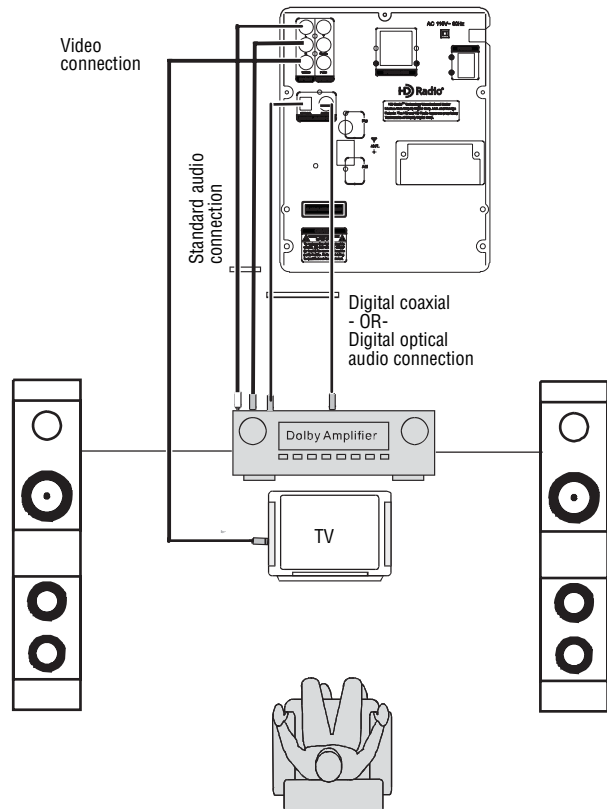


Notes


- Before connecting your shelf system to a TV, turn off and unplug both devices.
- If your TV has multiple ways to connect to your shelf system, use only one type of connection. Multiple connections can negatively affect picture quality.
- Do not use both analog and digital connections at the same time.
- Do not turn the shelf system on and off repeatedly. Allow a minimum of 3 seconds in between.

Connecting to a digital amplifier

After making the digital audio connections shown in the following illustration, see "Changing audio settings" on page 12 to set up your shelf system for digital audio output.



To connect an external digital audio device:


- 1 Make sure that your shelf system is turned off.
- 2 Connect one end of a digital (optical or coaxial) audio cable (not included) to the appropriate **DIGITAL LINE IN** jack on the external device, then connect the other end of the cable to either the **DIGITAL OPTICAL** or **DIGITAL COAXIAL LINE OUT** jack on your shelf system.
- 3 Press **STANDBY/ON**  to turn on your shelf system.
- 4 Open the setup menu and set the audio output to digital (see "Changing audio settings" on page 12).
- 5 Turn on your digital amplifier and select the correct input from your shelf system.

Connecting an iPod®

You can control iPod playback just as you control CD/DVD playback, by using the **PLAY/ENTER**, **STOP**, and direction buttons.

To connect an iPod:


- 1 Make sure that the iPod and your shelf system are turned off.
- 2 Insert the iPod into the dock on top of your shelf system. Press down gently on the iPod® to make sure that the docking connector on the iPod makes contact with the docking connector in your shelf system.

- 3 Press **STANDBY/ON**  to turn on your shelf system. **IPOD** appears on the display, and the iPod starts playback.

Connecting an external audio device

You can connect an external audio device, such as an MP3 player, to your shelf system to play sound from the device through your shelf system speakers.

To connect an external audio device:



- 1 Make sure that your shelf system is turned off.
- 2 Connect one end of an audio cable (not included) to the **LINE OUT** jack on the external audio device, then connect the other end of the cable to the **AUX IN** jack on the front of your shelf system.
- 3 Press **STANDBY/ON**  to turn on your shelf system.
- 4 Press **AUX** on the remote control to select the auxiliary input from the device. Sound from the external device is played through your shelf system speakers.

Using your shelf system

Before using your shelf system, make sure all connections are good, then plug the AC power cord into an AC power outlet.

Turning your shelf system on and off

To turn on your shelf system:

- 1 Press **STANDBY/ON** . Your shelf system turns on and starts playback in the last selected play mode.
- 2 Press **STANDBY/ON**  again to switch your shelf system to standby mode.

Selecting the play mode

To select the play mode:

- **CD/DVD**—Press **CD/DVD** on the remote control, or press **INPUT** on the shelf system repeatedly until **CD/DVD** is shown on the display.
- **AM/FM**—Press **AM/FM** on the remote control, or press **INPUT** on the shelf system repeatedly until **AM/FM** is shown on the display.
- **AUX**—Press **AUX** on the remote control, or press **INPUT** on the shelf system repeatedly until **AUX** is shown on the display.
- **iPOD®**—Press **IPOD** on the remote control, or press **INPUT** on the shelf system until **IPOD** is shown on the display.



Adjusting the volume

To adjust the volume:

- Press **VOL+** or **VOL-** to increase or decrease the volume. **VOLUME** and the current volume setting appear on the display.
- Press **MUTE** to turn off the sound. Press **MUTE**, **VOL+**, or **VOL-** to turn the sound back on.

Playing a CD or DVD







To play a CD or DVD:

- 1 Turn on your shelf system.
- 2 Press **CD/DVD** on the remote control.
- 3 Press  **EJECT** to open the disc tray.
- 4 Place a CD or DVD in the disc tray, with the label facing up, then press  **EJECT** again to close the disc tray.

The disc starts playback automatically.





Controlling CD/DVD playback

To control CD/DVD playback:

- Press **PLAY/PAUSE** on the remote control or the shelf system to start or pause playback.
- Press  **NEXT** or  **PREVIOUS** to go to the next or previous track (CD) or chapter (DVD).
- Press the  **F.FWD** or  **F.RWD** to search forward or backward on the disc. Pressing the button repeatedly changes the speed (**2X**, **4X**, **8X**, **16X**, **32X**, **play**).
- Press **SLOW** to play the disc in slow motion. Press repeatedly to slow to **1/2**, **1/4**, **1/8**, or **1/16** speed.
- Press  **STOP** once to stop playback. The shelf system memorizes the stop point and when playback is resumed, it starts from that point. During playback, if you press  **STOP** twice, it starts from the beginning of the disc.
- Press **REPEAT** one or more times to select a repeat mode. You can select:
 - **DVD**—Chapter, Title, All
 - **CD**—Track, All
 - **MP3, JPEG, and so on**—Single, Repeat One, Repeat Folder, Folder
- Press **REPEAT A-B** to repeat a section of the disc.
 - Press **REPEAT A-B** at the beginning of the section you want repeated.
 - Press **REPEAT A-B** again at the end of the section you want repeated. The selected section is automatically repeated.
 - Press **REPEAT A-B** again to cancel.

Selecting playback options

To go directly to a specific title:

- 1 While a DVD is playing, press **TITLE** to show a list of titles on the DVD (if available).
- 2 Press , , , or  to select a title, then press **PLAY/ENTER** to start playback from that title.

To go directly to a specific track (CD only):

- 1 While a disc is playing, press the number buttons on the remote control of the track you want to play. For example, to go to track 16, press number **1**, then press number **6**.
- 2 Press **PLAY/ENTER** to start playback from the selected track.

To display subtitles (DVD only):

- While a DVD is playing, press **SUB** repeatedly to cycle through the subtitle languages available on the DVD. Choices may include **English, French, Spanish, Chinese, Japanese, Korean, Russian,** others.

To change playing modes (CD or VCD) or change language (DVD):

- While a disc is playing, press **LANG** repeatedly to select the mode (CD or VCD) or language (DVD):
 - CD/VCD**—Mono L, Mono R, Mixed mono, and Stereo.
 - DVD**—Any of the available languages on the DVD.

To view the CD, VCD, or DVD status:

- While a disc is playing, press **DISPLAY**. The following information is shown on the display:
 - CD/VCD**—Single elapsed, TR (track remain), total elapsed, DR (directory remain), display off.
 - DVD**—Title elapsed, title remain, chapter elapsed, chapter remain, display off.

To view the VCD or DVD menu:

- While a disc is playing, press **MENU**. The root menu (DVD) or PBC current state menu (VCD) opens.

To view a DVD from an alternate angle (if available on the disc):

- While a DVD is playing, press **ANGLE** to switch the angle of view. This is only available when the disc has alternate angles recorded.

To adjust the bass and treble:

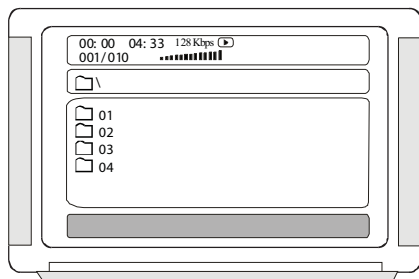
- While a disc is playing, press **TONE** to select the bass or treble adjusting mode.
- Press **VOL+** or **VOL-** to increase or decrease the bass or treble (whichever is selected).

Playing an MP3 disc

To play a CD or DVD:

- Turn on your shelf system.
- Press **CD/DVD** on the remote control.
- Press **EJECT** to open the disc tray.
- Place the MP3 disc in the disc tray, with the label facing up, then press **EJECT** again to close the disc tray.

The screen shows the following menu:



- Press **▼, ▲, ◀, or ▶** to go to a directory, then press **PLAY/ENTER** to enter the directory.

- Press **▼, ▲, ◀, or ▶** to enter the sub-directory or file list, then highlight a song.
- Press **PLAY/ENTER** to begin playback.
- To select a different song during playback, press **▼** or **▲**, or press **▶▶ NEXT** or **◀◀ PREVIOUS**.
- To change directories during playback, press **◀** to move the cursor to the directory icon, then press **▼** or **▲** to go to another directory.
- Press **PLAY/ENTER** to enter the directory.

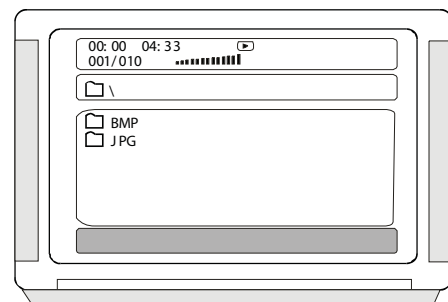
Playing an MPEG4 or JPEG disc

This player is compatible with the JPEG, BMP, DIVX (3, 4, and 5), MPEG1 and 2, and XVID.

To play a CD or DVD:

- Turn on your shelf system.
- Press **CD/DVD** on the remote control.
- Press **EJECT** to open the disc tray.
- Place the MPEG4 or JPEG disc in the disc tray, with the label facing up, then press **EJECT** again to close the disc tray.

The screen shows the following menu:



- Press **▼** or **▲** to go to a directory, then press **PLAY/ENTER** until the picture you want is displayed.
- To directly access a picture, enter the picture's number with the number buttons.
- To sequentially go through a list of pictures, press **▶▶ NEXT** or **◀◀ PREVIOUS**.
- To repeat a picture, press **REPEAT**.
- To return to the main menu, press **MENU**.

Notes

- JPEG pictures may distort at the edges on some TVs. This is caused by the TV and not your shelf system.
- Your system also supports digital JPG or JPEG photo discs.
- You can also use such options as Fast Forward, Fast Reverse, and Pause to view your pictures.

Playing the radio

To play the radio:

- Turn on your shelf system, then press **AM/FM** to switch to radio mode (FM). Press **AM/FM** again if you want to switch to the AM band.
- Press **TUNE+** or **TUNE-** to tune the radio to a higher or lower frequency one step at a time (0.2 MHz on FM or 10 KHz on AM).

- 3 Press **PRESET+** or **PRESET-** to tune to the next or previous preset frequency.
- 4 To go directly to a preset frequency, press the number of the preset. For example, to go to preset #2, press **2** on the remote control.

Storing radio station presets

Your shelf system can store 10 AM and 20 FM (10 for FM1 and 10 for FM2) station presets.

To store radio station presets:

- 1 In radio mode, tune to the frequency you want to save as a preset.
- 2 Press a number button (1-9) for about 2 seconds to save the frequency to that number. For example, press **3** for about 2 seconds to save the frequency to preset #3.

Seeking radio stations

To seek for the radio stations in your area:

- In radio mode, press **SEEK**. Your shelf system begins looking for radio stations. (This feature does not seek HD Radio Multicast stations.)
- OR -
- In radio mode, press **HD SEEK** to seek HD radio stations transmitting in your area. Your shelf system begins looking for HD radio stations. (This feature seeks HD Radio Multicast stations.)

Tagging songs in HD Radio

iTunes tagging is available on some HD Radio stations.

To tag a song on HD Radio:

- 1 When listening to an HD radio station and you hear a song you would like to learn more about or purchase, press **TAG**. The player collects information about the song, including artist name, track, and time of day. Using this information, the system forms a "Tag" and stores it in an iPod® (if one is attached), or in local memory until an iPod® is connected to the shelf system.

Note

The player can store at least 50 such tags.

- 2 When you connect an iPod® containing tags to a computer running iTunes, iTunes automatically processes the tags and creates a list under the iTunes Store called **Tagged Items**. The list contains information about all of the songs that you tagged since the last time you connected to iTunes.

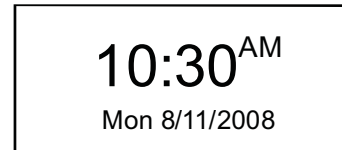
Note

- In radio mode, pressing the **TAG** button only stores the information in memory. When you switch to iPod mode, press the **TAG** button to store the information in your iPod.
- The tags can be transferred to iPod in iPod mode only.

Setting the clock

To set the clock:

- 1 Press **CLOCK** on the remote control. The clock set window opens.



- 2 Press the number buttons to set the time. For example, to set the time to 10:30, press **1**, **0**, **3**, and **0**.
- 3 Press **▶** to move to the date.
- 4 Press the number buttons to set the date. For example, for Monday, August 11, 2008, press **0**, **8**, **1**, **1**, **2**, **0**, **0**, and **8**. Your shelf system saves the settings automatically and displays the time and date in standby mode.
- 5 Press any number button to switch between AM and PM.
- 6 Press **PLAY/ENTER** to save your settings and exit.

To set the sleep timer:

- Press **SLEEP** on the remote control repeatedly until the time you want is shown. Choices include **15 minutes**, **30 minutes**, **45 minutes**, **60 minutes**, **90 minutes**, and **Off**. The player turns off automatically after the selected interval.

Controlling iPod® playback

To control iPod® playback:

- Press **▶||** to start or pause playback.
- Press **▶▶** or **◀◀** to go to the next or previous iPod® track.
- Press and hold **▶▶** or **◀◀** to search forward or backward on the iPod®.

Note

- iPod Playback Compatibility: iPod Nano, iPod Mini, iPod Photo, Fourth Generation iPod, Fifth Generation iPod (with Video), iPod Touch.
- iTunes Tagging Compatibility: Third Generation iPod Nano, iPod Classic, 5th Generation iPod (with Video).

Playing from an external device

To play from an external device:

- 1 Make sure that an external device is connected to your shelf system. For more information, see "Connecting an external audio device" on page 9.
- 2 Turn on your shelf system, then press **AUX**. Sound from the device plays through your shelf system's speakers.

Selecting the sound field

To select the sound field:

- Press **DSP** repeatedly. You can select **FLAT**, **ROCK**, **JAZZ**, **CLASSIC**, or **POP**.

Adjusting the bass and treble

To adjust the bass and treble:

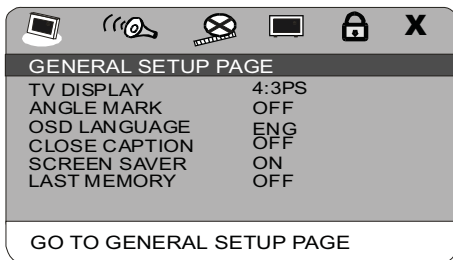
- 1 Press **TONE** to select the bass or treble adjusting mode.
- 2 Press Up/Right direction buttons to increase volume or the Down/Left direction buttons to decrease volume.

Using the setup menus

Changing DVD settings

To access the DVD Setup menu:

- 1 Turn on your shelf system, then press **SETUP**. The *DVD Setup* menu opens.



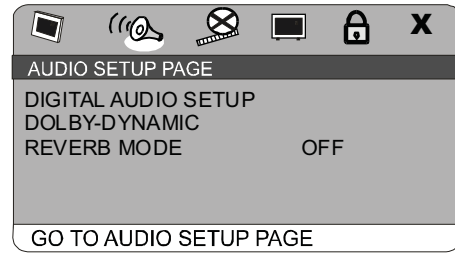
- 2 Press **▼** or **▲** to select an option, then press **PLAY/ENTER** to open the sub-menu for that option. Options include the following:

Option	Description	Settings
TV Display	Lets you change the aspect ratio of the video output	4:3 PS, 4:3LB, and 16:9
Angle Mark	Enables an angle mark to be displayed on the screen when a DVD has multiple angles available	ON or OFF
OSD Language	Lets you set the language for screen displays and setup menus	English, French, and Spanish
Close Caption	Enables closed captions to be displayed when playing DVDs	ON or OFF
Screen Saver	Enables a screen saver to be displayed when playback is complete or in Pause mode	ON or OFF
Last Memory	Enables the player to remember where a DVD was stopped (when STOP is pressed once)	ON or OFF

Changing audio settings

To access the Audio Setup menu:

- 1 Turn on your shelf system, then press **SETUP**. The *DVD Setup* menu opens.



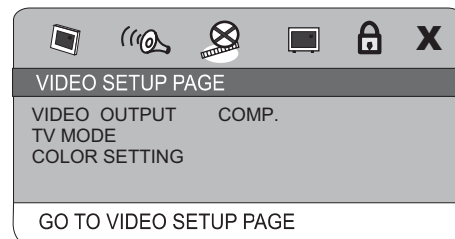
- 2 Press **◀** or **▶** to highlight the **AUDIO** icon, press **▼** or **▲** to select an option, then press **PLAY/ENTER** to open the sub-menu for that option. Options include the following:

Option	Description	Settings
Digital Audio Setup	Lets you set the digital audio output mode of the player	SPDIF/RAW – Use this setting when playing DOLBY or MPEG discs to enable digital output on the optical or coaxial digital jacks. The connected amplifier must be able to decode Dolby Digital or MPEG. SPDIF/PCM – Use this setting when the player is connected to a 2-channel digital stereo amplifier.
Dolby-Dynamic	Lets you set the Dolby Digital audio output mode of the player	Dynamic
Reverb mode	Lets you set the reverb mode	Concert, Living room, Hall, Bathroom, Cave, Arena, or Church

Changing video settings

To access the Video Setup menu:

- 1 Turn on your shelf system, then press **SETUP**. The *DVD Setup* menu opens.



- 2 Press **◀** or **▶** to highlight the **VIDEO** icon, press **▼** or **▲** to select an option, then press **PLAY/ENTER** to open the sub-menu for that option. Options include the following:

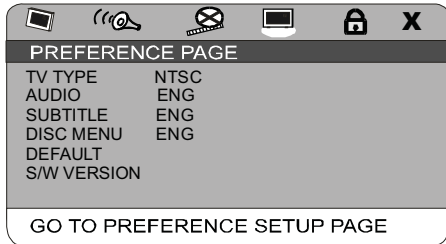
Option	Description	Settings
Video Output	Lets you set the video output mode	Composite or Component
TV Mode	Lets you set the video scan mode for video output	Progressive or Interlaced

Option	Description	Settings
Color Setting	Lets you set the output format of the player, also the sharpness, brightness, and contrast	Formats: PAL, AUTO, NTSC Sharpness: High, Middle, Low (default) Brightness: ±20 (default is 0) Contrast: ±16 (default is 0) Hue/Saturation: ±9 (default is 0)

Changing system settings

To access the System Setup menu:

- 1 Turn on your shelf system, then press **SETUP**. The *DVD Setup* menu opens.



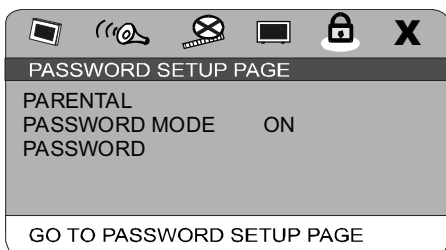
- 2 Press **◀** or **▶** to highlight the **Preferences** icon, press **▼** or **▲** to select an option, then press **PLAY/ENTER** to open the sub-menu for that option. Options include the following:

Option	Description	Settings
TV Type	Lets you set the TV signal type	Formats: PAL, MULTI, and NTSC
Audio	Lets you set the language for audio dialog	English, French, Spanish, Chinese, Japanese, Korean, Russian, and possibly others (depends on the DVD)
Subtitle	Lets you set the language for subtitles	English, French, Spanish, Chinese, Japanese, Korean, Russian, and possibly others (depends on the DVD)
Disc Menu	Lets you set the language for the DVD menus	English, French, Spanish, Chinese, Japanese, Korean, Russian, and possibly others (depends on the DVD)
Default	Lets you return the shelf system to factory default settings	Use only when player is in Eject or No Disc status.
S/W Version	Shows the software version, model, and factory name of the system.	

Changing parental control settings

To access the Parental Control Setup menu:

- 1 Turn on your shelf system, then press **SETUP**. The *DVD Setup* menu opens.



- 2 Press **◀** or **▶** to highlight the **Lock** icon, then press **PLAY/ENTER** to open the sub-menu for that option. You are required to enter a password to make changes in the *Parental Control* sub-menu. The factory default password is **"138900"**. Options include the following:

Option	Description	Settings
Parental Control	Lets you set parental control levels for DVDs	Select one of eight levels, based on age.
Password Mode	Lets you turn the password mode on or off.	ON or OFF
Password	Lets you change the factory default password	Make sure that you write down the new password when set.

Troubleshooting

Problem	Cause/Solution
No power	Make sure that the AC power plug is fully inserted in the AC power outlet.
The remote control does not work	<ul style="list-style-type: none"> • The batteries may be dead. Change the batteries. • The remote control is not aimed at the remote control sensor on the shelf system. Aim the remote control directly at the shelf system when you push the buttons.
No image on TV	<ul style="list-style-type: none"> • The system is not connected correctly. Reconnect the system, using the illustrations in this manual. • The TV is not set to video mode. Set the TV to video mode. • The scanning mode of the player does not match the TV. Reset the scanning mode.
CD or DVD does not play	<ul style="list-style-type: none"> • Make sure that the disc is inserted correctly. • Make sure that the disc is not dirty or defective. • Make sure that the disc tray is completely closed. • If moisture or condensation has accumulated inside your shelf system, let your shelf system warm up for 60 minutes so the liquid evaporates. • The disc may not be compatible with your shelf system.
No sound from the speakers	<ul style="list-style-type: none"> • Make sure that the speakers are connected correctly. • Make sure that the shelf system is correctly connected to an amplifier.
Sound is intermittent or pictures distorted	<ul style="list-style-type: none"> • Make sure that the disc is not dirty or defective. • Make sure that your shelf system is not subjected to excessive vibration or shock.
There is an invalid display on the screen	<ul style="list-style-type: none"> • Make sure that you are operating the shelf system correctly. Refer to the setup instructions.

Problem	Cause/Solution
Static or noise when playing the radio	<ul style="list-style-type: none"> • Make sure that the station is tuned correctly and that the station has a good signal. • Try another station. • If you are playing an AM station, rotate your shelf system to improve the reception. • If you are playing an FM station, extend the antenna wire to improve the reception.

Amplifier frequency range	20 Hz-20 KHz ±3dB
S/N ratio for audio	≥ 80dB weight A
Operating conditions	Temperature: 41°F~86°F (5°C~30°C) Installation: On a flat, horizontal surface

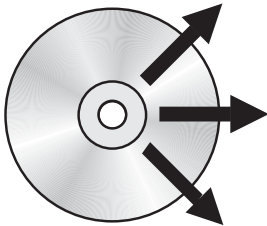
Maintaining

Cleaning DVDs and CDs

A dirty DVD or CD may not play correctly.

To clean a CD:

- With a soft cloth, wipe the disc in a straight line from the center to the edge.



Caution

Do not use any solvent, such as record spray, thinner, or benzene, to clean a DVD or CD.

Cleaning your shelf system

To clean your shelf system, follow these guidelines:

- Use a soft, clean cloth moistened with plain, luke-warm water to clean the exterior of your shelf system.
- Never use solvents such as benzene or other strong chemical cleaners because these could damage your shelf system's finish.
- Do not let liquid drip into the inside of your shelf system.

Specifications

Specifications are subject to change without notice.

Disc support	DVD, DVCD, VCD, SVCD, CD, CD-R, MP3, MPEG4 (*.AVI, *.MP4, *.XVID)
Video format	MPEG2 for DVDs MPEG1 for VCDs
Audio format	MPEG1, MPEG2, PCM, or Stereo
Signal output	Video format-NTSC, PAL, AUTO Video output-1.0V p-p Audio output-stereo 2V (RMS)
Outputs	Video output, audio output, optical fiber output, coaxial output, headphone
Inputs	iPod®
Power supply	AC 110 V ~ 60 Hz
Max power	60 W

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply within 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 technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

One-Year Limited Warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new **NS-HD3113** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Insignia brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Insignia during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

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

To obtain in-home warranty service for a television with a screen 25 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair person dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States, Canada, and Mexico.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Insignia to service the Product

- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

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