V2 FINAL FOR PRINT

INSIGNIA™

HD) Radio®

Congratulations on your purchase of a high-quality Insignia product. Your NS-HDRAD represents the state of the art in HD Radio technology and is designed for reliable and trouble-free performance.

PACKAGE CONTENTS

- HD Radio™ Tabletop
- AC power adapter
- *User Guide*
- *Quick Setup Guide*

INSTALLING THE BATTERIES

Note: You only need to install batteries if you want to use your boombox on the go.

1 Open the battery compartment on the back of your radio.

2 Place four AA size alkaline batteries (not included) in the battery compartment.

Make sure to match the + and - on the battery to the + and - signs in the battery compartment.

3 Close the battery compartment until it clicks into place.

CONNECTING THE AC ADAPTER

1 Plug the small connector at the end of the power cord into the DC IN jack on the back of your radio.

2 Plug the AC adapter into a 120/240V, 50/60Hz power outlet.

TURNING ON YOUR RADIO

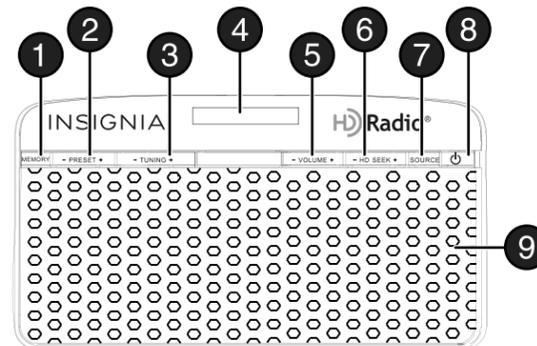- Press ⏻ (power) on the front of your radio.

SELECTING THE MODE (SOURCE)

- Press **SOURCE** repeatedly on the front of your radio to toggle between **Tuner** and **AUX**. The source you select appears on the display.
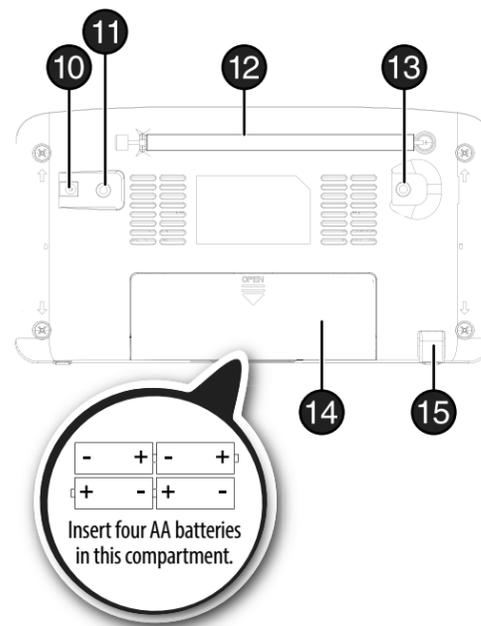
VOLUME CONTROL

- After you select the mode you want, press **VOLUME+** or **–** to set the volume to a comfortable level.

FEATURES
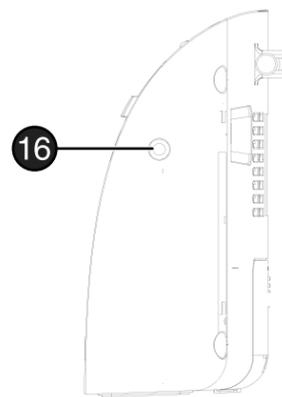
Front view

Back view
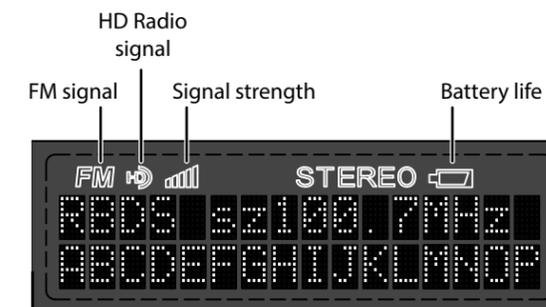

Insert four AA batteries in this compartment.

Side view

#	ITEM	DESCRIPTION
1	**MEMORY** button	Press to save preset FM radio stations. After pressing the **MEMORY** button, press **PRESET+** or **PRESET–** to set the preset number. You can save up to 20 presets.
2	**PRESET** –/+ button	Press to tune the FM radio to a preset station.
3	**TUNING** –/+ button	Press to go to a lower or higher radio frequency. Press for more than one second to auto scan for the next lower or higher radio station.
4	LCD display	Displays mode and frequency.
5	**VOLUME** –/+ button	Press to raise or lower the volume.
6	**HD SEEK** –/+ button	Press to go to the next or previous HD Radio station or an HD Radio multicast station.
7	**SOURCE** button	Press repeatedly to toggle the mode between **Tuner** and **AUX**.
8	⏻ (power) button	Press to turn on your HD Radio Tabletop or put it into POWER OFF.
9	Speakers	Provides sound from your radio.
10	DC IN jack	Connect the AC Adapter to this jack.
11	AUX IN jack	Connect an external sound source, such as an MP3 player, to this jack.
12	FM Antenna	Raise to improve the FM radio signal.
13	Pigtail antenna socket (35 mm)	Plug a wire antenna into this socket. The pigtail antenna (located behind the battery compartment door) is optional and is to be used to improve reception when the signal is weak. The FM antenna is disabled when the pigtail antenna is connected.
14	Battery compartment door	Open to install four AA batteries in the battery compartment. Be sure to observe the correct battery polarity as shown in the compartment.
15	Foot	Supports the tabletop radio.
16	Headphone jack	Connect a pair of headphones to this jack with a 3.5 mm plug.

LCD display

FM signal   HD Radio signal   Signal strength   Battery life

USING TUNER MODE

Tuner mode is the default mode on your radio and is selected when you turn your radio on.

To tune to a station:

- Press the **TUNING+/–** buttons on the front of your radio momentarily to tune to FM radio up or down. Press and hold the buttons for more than one second to search for the next or previous station.
- Press **PRESET+/–** on the front of your radio to go to the next higher or lower preset station.

STORING PRESET STATIONS IN MEMORY

To store stations in memory:

1 Press **SOURCE** on the top of your radio to select **Tuner** mode.
2 Press the **TUNING+/–** buttons on the front of your radio to tune to the station you want to store.
3 Press **MEMORY** once to store the station and the display shows PRESET 01. ("01" flashes on the display).
4 Press **PRESET+/–** repeatedly until the display shows the preset number you want to save.
5 Press **MEMORY** again to complete the operation.

USING HD RADIO TECHNOLOGY

To seek HD Radio stations:

- In tuner mode, press the **HD SEEK+** or **HD SEEK–** button to seek the next or previous HD Radio station or HD Radio multicast station radio signal.

To listen to HD Radio broadcasts

If the station you are listening to is broadcasting a digital HD Radio signal, HD , "FM," a signal strength indicator, tuning frequency and other information are shown on the display. If several HD Radio stations are available on a multicast station, "HD-1" is displayed.

- To tune the radio to next or previous HD Radio station, press **TUNING+/-** for less than one second. To auto tune to the next or previous HD Radio station, press **TUNING+/-** for more than one second.
- To tune to additional HD Radio stations on the multicast station, press **TUNING+/-** to select HD-2, HD-3, and so on. The radio tunes to the next higher frequency when the last HD Radio multicast station is reached. To return to the first multicast station (HD-1), press **TUNING–**.

PLAYING MUSIC FROM AN EXTERNAL SOUND SOURCE

To play music from an external sound source:

1 Connect an external sound source, such as an MP3 player, by plugging an audio cable with a 3.5 mm plug (not included) into the **AUX IN** jack on the back of your radio.
2 Press **SOURCE** repeatedly on the top of your radio to select **AUX**. "AUX" appears on the display.
3 Start playback on the external device.
4 Press **VOLUME+** or **–** to adjust the volume.
5 Control playback using the controls on the external device.

USING HEADPHONES

- Use headphones with a 3.5 mm connector in the Headphone jack. Use corresponding adaptors (available at your local electronics store) if you have a different connector. The speakers are automatically switched off when the headphones are being used.

TROUBLESHOOTING

PROBLEM:	SOLUTION:
My radio won't turn on.	• Make sure that the power cord is fully inserted in the power outlet and firmly connected to the DC IN jack on the back. • If running on batteries, make sure the batteries are not dead.
No sound.	• Make sure that power is connected and your radio is turned on. • Make sure that the volume is not extremely low. • Make sure your external device is turned on and is playing. • Make sure the volume on your external device is turned up and is not set to mute.
My radio will not play in FM mode.	• Make sure that your radio is set to FM mode. • Make sure that the radio is correctly tuned to an FM station. • Make sure the FM antenna is extended.
FM radio reception sounds distorted or fuzzy.	• Extend your antenna or move your radio closer to a window to improve reception.
The HD Radio™ sound keeps switching between Digital and Analog audio. HD Radio™ indicator keeps turning on and off.	• You may be out of range of the HD Radio stations area. Extend your antenna or move your radio closer to a window to improve reception.
My radio won't control my MP3 player.	• You need to use the controls on your MP3 player to control playback.

MAINTAINING

See your *User Guide* for details.

SPECIFICATIONS

See your *User Guide* for details.

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.

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.

ONE-YEAR LIMITED WARRANTY

Visit www.insigniaproducts.com for details.

CONTACT INSIGNIA:

For customer service, call 1-877-467-4289 (U.S. and Canada) or 01-800-926-3000 (Mexico)
www.insigniaproducts.com