

Congratulations on your purchase of a high-quality Insignia product. Your NS-STR514 represents the state-of-the-art in stereo receiver design and is designed for reliable and trouble-free performance.

Package contents

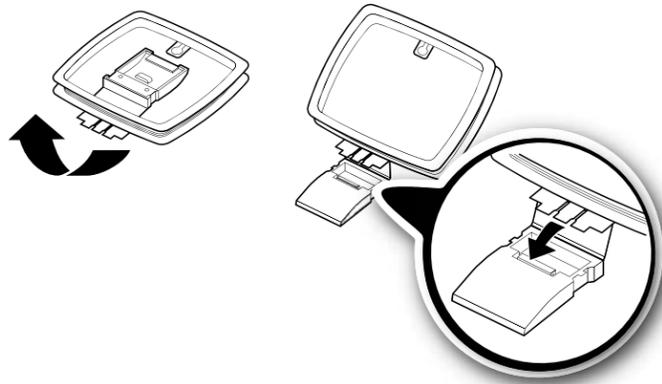
- Receiver
- Remote control
- AAA batteries (2)
- Indoor AM and FM antennas
- User Guide
- Quick Setup Guide

Setting up your receiver

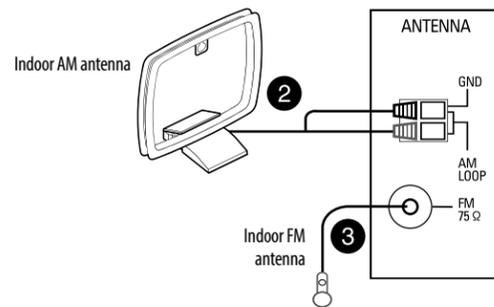
- Install your receiver on a stable flat surface. Position your receiver so that it has a direct line of sight to the remote control.
- Do not expose your receiver to extreme temperature or humidity.
- Avoid placing your receiver on a hot surface such as on top of other hot running equipment. Make sure that there is adequate ventilation to your receiver.

Connecting the antennas

- 1 Assemble the AM antenna.



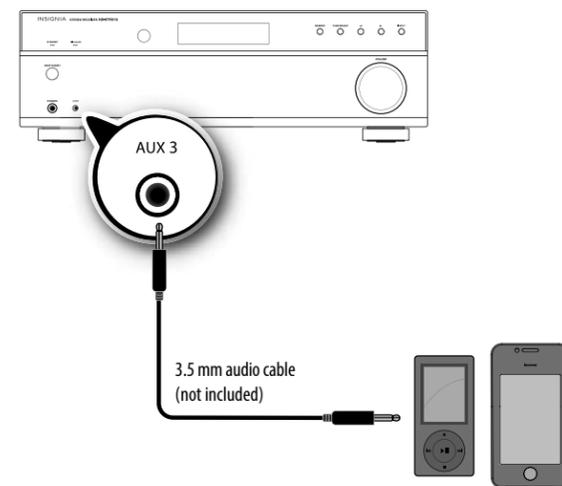
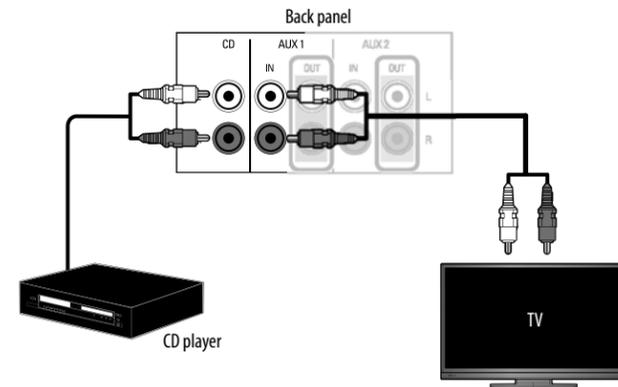
- 2 To connect the indoor AM antenna, press the **GND** and **AM Loop** levers, insert the ends of the wires, then release the levers. Make sure that only the bare, stripped wire is inserted in the jack.



- 3 Connect the indoor FM antenna to the FM jack on the back of the receiver.

- 4 Later, move the antennas until you get the best reception of your favorite AM and FM stations.

Connecting audio-only devices

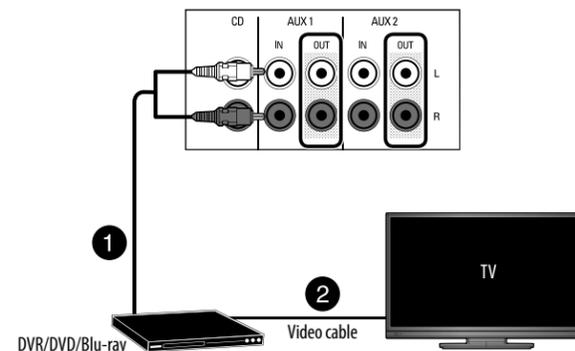


Connecting devices with video

- 1 Connect the cable from the **Audio Out** jack on the audio device to the **L/R AUX IN (1 or 2)** jacks on the receiver.

- 2 Connect the video cable(s) (component, composite, HDMI, or coaxial) from the output jack on the video device to the appropriate input jack on your TV.

NOTE: For more information on connecting a recording device, such as a VCR or tape deck, refer to the *User Guide*.



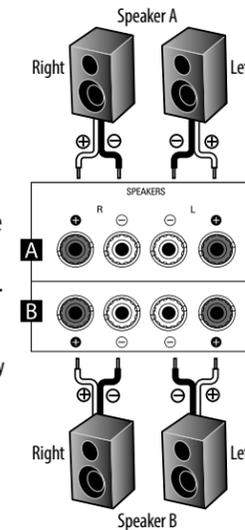
Connecting speakers

NOTE: If you have only one pair of speakers, connect them to the **SPEAKER A** terminals.

- 1 Turn the terminal cap to loosen it.
- 2 Insert the bare wire into the terminal and tighten the terminal cap to securely connect it. Make sure that you strip the wire adequately so that none of the wire insulation is under the terminal.

- 3 Make sure cables are secure by lightly pulling on them.

NOTE: Connect speakers by matching the channel (left and right) and polarity (+ and -). If the sound is unnatural and lacks bass, the speaker polarity is incorrect.



Connecting headphones

- Insert a 1/4" headphone plug into the headphone jack on the front of the receiver.

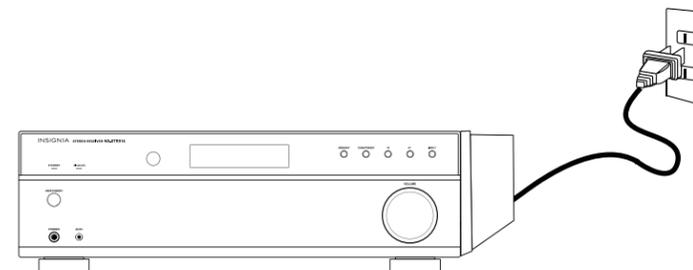
H appears on the display, and sound can be heard from the headphones.

NOTE: When you plug headphones into the receiver, the external speakers are turned off.



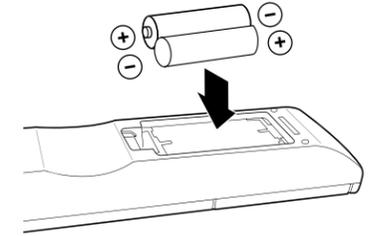
Connecting the power

- Plug the power cord into an AC outlet.

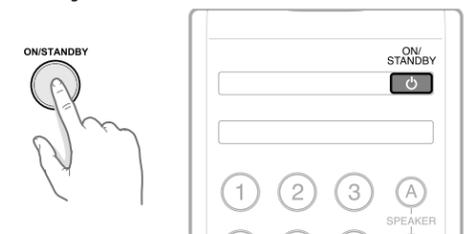


Using your receiver

- 1 Install the remote control batteries.



- 2 Press **ON/STANDBY** on the remote control or the receiver to turn the receiver on. The **STANDBY** indicator is off. Press again to put the receiver into standby mode and the **STANDBY** indicator lights red.



- 3 Turn on the devices connected to the receiver.
- 4 If you connected a video device, such as a DVD or Blu-ray player:
 - Select that device's input on the TV.
 - Turn your TV speakers off if you only want the audio to come from your receiver.
- 5 Press the **INPUT** button on the receiver or press one of the input buttons on the remote control for the input source you want. Each time you press the button on the receiver, the display changes to reflect the input selected.
- 6 Start playback on the device you selected.
- 7 Press **SPEAKER A** or **SPEAKER B** on the remote to turn the corresponding speakers on. **SPK A**, **SPK B**, **SPK AB**, or **SPK OFF** appears on the display and sound can be heard from the speakers.
- 8 Turn the **VOLUME** dial on the receiver or press the **VOLUME +/-** buttons on the remote to adjust the sound level.
 - OR-
 - Press **MUTE** on the remote to turn the sound off. **MUTE** flashes on the display. Press **MUTE** again to turn the sound back on.

Connecting Bluetooth

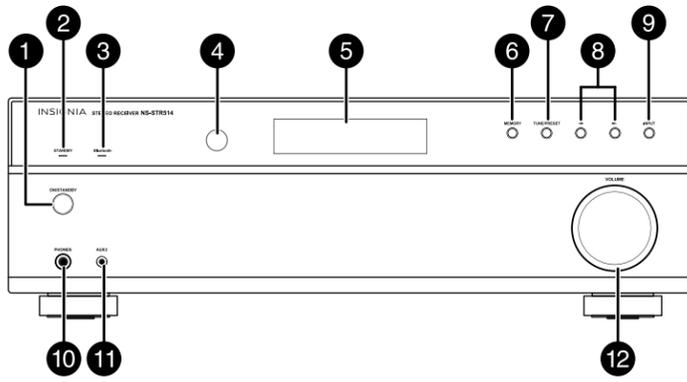
- 1 Select **BT AUDIO** as the input source by pressing the **BLUETOOTH** button on the remote control or the **INPUT** button on the receiver repeatedly until **BT AUDIO** appears. **PAIRING** will be shown on the display and the Bluetooth indicator will blink.
- 2 Navigate to your device's Bluetooth settings, turn on Bluetooth, then search for available devices.
 - a. For iPad/iPhone/iPod touch:
 - i. From the home page, touch **Settings > General > Bluetooth**.
 - b. For Android Phone/Tablet:
 - i. From your smart phone/tablet home page, touch **Settings > Wireless and networks**.
 - ii. Touch to activate Bluetooth, then touch **Bluetooth settings**.
 - c. For a PC or Mac, you can find these instructions in the documentation that came with your computer or operating system.
- 3 On your Bluetooth device, select "NS-STR514" from the device list.
- 4 If a PIN code is requested, enter "0000."
- 5 When pairing is completed, "CONNECTED" is shown on your receiver display and the Bluetooth indicator turns on.

NOTE: To control playback, use the Bluetooth playback buttons on your remote control.

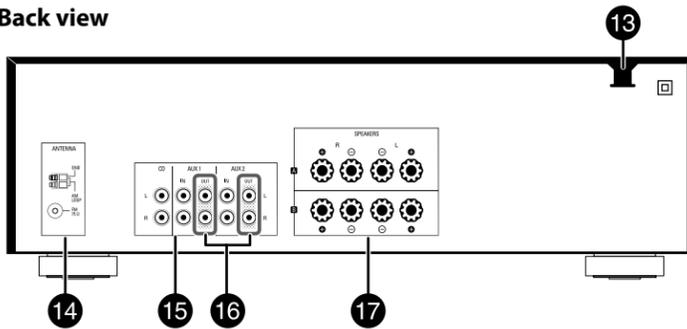
For additional information on using your receiver, refer to the *User Guide*.

Features

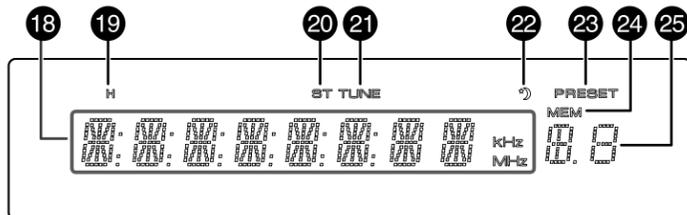
Front controls



Back view

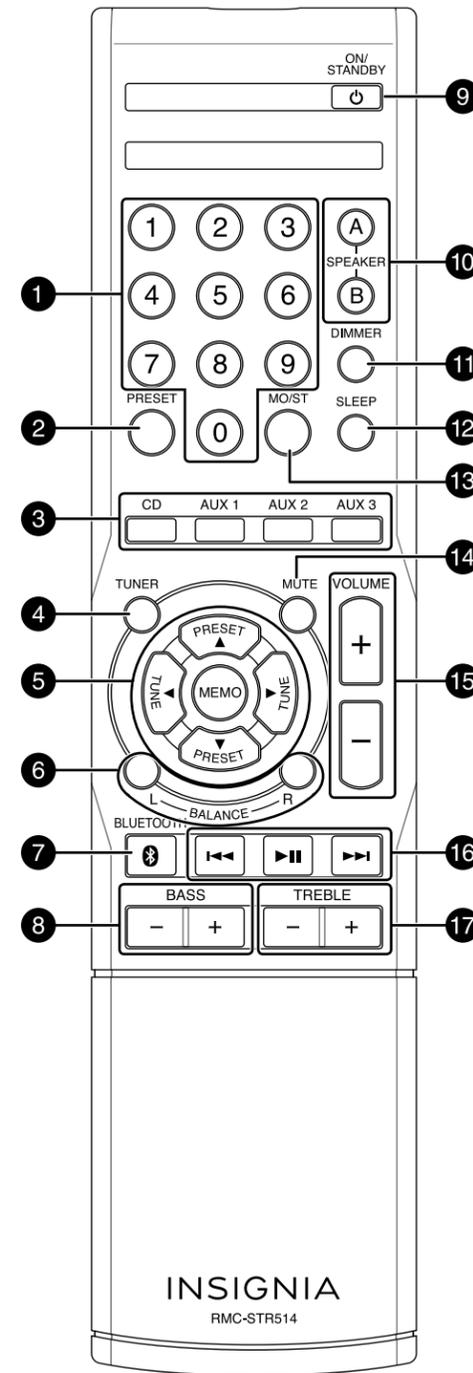


Display



#	ITEM	DESCRIPTION
1	ON/STANDBY button	Press to turn on your stereo receiver. Press again to put the stereo receiver in standby mode.
2	STANDBY indicator	Lights red when your stereo receiver is in standby mode.
3	BLUETOOTH indicator	Blinks when your stereo receiver is in pairing mode and "PAIRING" is shown on the display. Lights when your stereo receiver is connected via Bluetooth, and "CONNECTED" is shown on the display.
4	Remote sensor	Receives the signal from the remote control.
5	Display	Provides information about the receiver.
6	MEMORY button	Press to save a station preset. Press and hold to automatically search for FM stations and store them in memory.
7	TUNE/PRESET button	Press to toggle between tune and preset mode.
8	◀/▶ (function) buttons	Does one of the following, depending on the mode selected: <ul style="list-style-type: none"> In TUNE mode, tunes the receiver up or down or searches for the next or previous station. In MEMO mode, stores stations to the selected preset number. In PRESET mode, selects the preset station you want. In BLUETOOTH playback mode, skips or searches forward or back.
9	INPUT button	Press to cycle through the available input options. Options include: FM, AM, CD, AUX 1, AUX 2, AUX 3, BT AUDIO.
10	HEADPHONE jack	Plug 1/4" stereo headphones into this jack.
11	AUX 3 jack	Connect a portable audio device, such as an MP3 player, to this jack.
12	VOLUME knob	Turn to increase or decrease the volume.
13	AC power cord	Plug this cord into an AC power outlet.
14	AM and FM antenna jacks	Connect the AM and FM antennas to these jacks.
15	Audio input jacks	Connect audio input devices to these jacks to play their audio through your receiver.
16	Audio output jacks	Connect devices like an audio recorder to record audio played through your receiver.
17	Speaker terminals	Connect speakers to these terminals.
18	Display	Shows input, frequency, volume level, and operating information.
19	Headphone indicator	Lights when in Headphone mode and headphones are connected.
20	STEREO indicator	Lights when in FM stereo mode.
21	TUNE indicator	Lights when tuned to a radio station.
22	SLEEP indicator	Lights when the sleep timer is active.
23	PRESET indicator	Lights to indicate that the receiver will scan through preset radio channels when tuning.
24	MEM (station memory) indicator	Lights when setting preset channels.
25	Preset station indicator	Shows preset number selected.

Remote control



#	ITEM	DESCRIPTION
1	Number	Press to enter a preset number.
2	PRESET	Press to scan preset stations in order. Press again to stop scanning.
3	Input	Press to select audio source. Options include: CD, AUX 1, AUX 2, or AUX 3.
4	TUNER	Press to select the tuner as the audio source.
5	PRESET ▲/▼ TUNE ◀/▶ MEMO	Press to tune the radio to the previous or next preset station. Press to tune the radio to a lower or higher frequency. Press to memorize a preset station.
6	BALANCE L and R	Press to adjust the balance to the left and right.
7	BLUETOOTH	Press to select Bluetooth audio as the input source.
8	BASS -/+	Press to decrease or increase the bass.
9	ON/STANDBY	Press to turn your receiver on and to set your receiver to standby mode.
10	SPEAKER A and B	Press to switch to speaker A or B.
11	DIMMER	Press to adjust the brightness of the display (On, Dim, Off).
12	SLEEP	Press to cycle through the available sleep timer intervals (from 10 to 90 minutes).
13	MO/ST	Press to switch between mono and stereo mode.
14	MUTE	Press to mute the sound from your receiver. Press again to restore the sound.
15	VOLUME +/-	Press to increase or decrease the volume.
16	Bluetooth playback	Press to control the playback from a Bluetooth device. ◀◀ - Previous/Rewind button ▶▶ - Play/Pause button ▶▶ - Next/Fast Forward button
17	TREBLE -/+	Press to decrease or increase the treble.

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)
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