

INSIGNIA™

USER GUIDE

Armband Radio

NS-R5111A



Before using your new product, please read these instructions to prevent any damage.

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Welcome

Congratulations on your purchase of a high-quality Insignia product. Your NS-R5111A Armband Radio represents the state of the art in design and reliable, trouble-free performance.

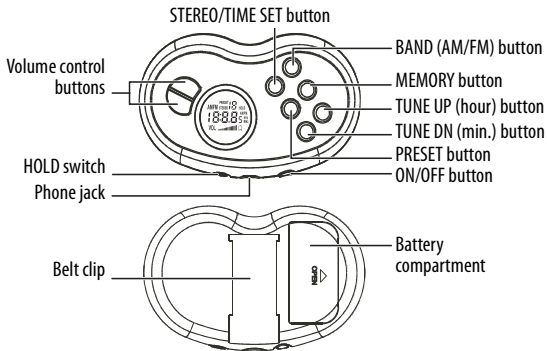
Features

- AM/FM digital radio
- Stereo or Mono listening modes
- Easy preset digital tuning and up to 10 FM and 10 AM memory presets
- Wearable oval design for armband and belt-clip use
- Stereo headphones

Package contents:

- Armband radio
- Headphones
- AAA batteries (2)
- Armband
- *User Guide*

Using your armband radio



Display



Installing the batteries

Notes

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Dispose of batteries according to local environmental laws.

When the batteries are low, the LCD will start flashing and eventually shut off.

- 1 Press the **ON/OFF** button to turn off the radio, then replace the batteries.

Note

Time and memory will be saved if you change the batteries within two minutes.

- 2 Open the battery compartment door located on the back of your radio.
- 3 Insert two AAA batteries, making sure that the + and – on the batteries match the + and – inside the battery compartment.
- 4 Replace the battery compartment door.

Operating your radio

To operate your armband radio:

- 1 Press the **ON/OFF** button to turn on the radio.
- 2 Press the **BAND** button to select **AM** or **FM**.
- 3 Insert the headphone plug into the Phone Jack.

Note

Your headphones' soft wire works as the antenna for FM reception. You may need to extend the wire to obtain the best reception.

To listen to your radio:

- 1 Press and release the **TUNE UP** or **TUNE DN** button to go to the next radio station.
- 2 Press and hold the **TUNE UP** or **TUNE DN** button to scan for the next radio station with clear reception.
- 3 Press the volume control button + or – to adjust the volume.

- 4 Press and release the **STEREO/TIME SET** button to select **Stereo** or **Mono** mode.

Note

Stereo mode is only available when listening to FM radio stations.

To manually store stations:

- 1 Press the **BAND** button to select **AM** or **FM**.
- 2 Press the **TUNE UP** or **TUNE DN** button to select the radio station you want.
- 3 Press the **MEMORY** button. The PRESET Indicator on the LCD flashes.
- 4 Press the **PRESET** button to select the preset channel you want.
- 5 Press the **MEMORY** button again to store the station as a preset.
- 6 Repeat Steps 1 to 5 to store additional stations.

Note

You can store up to 10 AM and 10 FM radio stations into preset numbers (erasing any preset stations).

To recall preset stations within the selected band:

- Press the **PRESET** button to go to a stored station.

Using Hold

- 1 Set the **HOLD** switch to **ON** and all buttons will be disabled. The Hold indicator appears on the LCD.
- 2 Set the **HOLD** switch to **OFF** to enable all buttons.

Setting the time

- 1 Turn off the radio.
- 2 Press and hold the **STEREO/TIME SET** button.
- 3 Press the **TUNE UP** button (hour) to set the hour, then press the **TUNE DN** button (minute) to set the minute.
- 4 Press the **STEREO/TIME SET** button to exit Time Set mode.

Note

You cannot set the time during power on mode.

Using the belt clip



- To release the belt clip, pull the top end of the belt clip outward, then hold it and slide it down gently.

Specifications

Frequency range	AM 530-1710 kHz FM 87.5-107.9 MHz
Antenna	AM ferrite bar antenna FM headphone cord
10% THD	Headphones 10 mW +10 mW
Battery	3V DC (1.5V x 2) AAA

Note: Design and specifications are subject to change without notice.

Troubleshooting

PROBLEM	SOLUTION
The sound is weak or interrupted, or poor reception.	Batteries may be weak. Sound/reception may be affected if you are in a vehicle or in a building. Move closer to a window to improve reception.
Display is dim.	Batteries may be weak. Also, your radio may be affected by extremely high or low temperatures or excessive moisture.
There is no power.	The batteries are dead. Replace the batteries.

Safe sound levels*

To establish a safe sound level:

- Start with the volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
- Avoid prolonged exposure to excessive noise.

Level Example

30 Quiet Library, soft whispers

40 Living room, refrigerator, bedroom away from traffic

50 Light traffic, normal conversation, quiet office



- 60 Air conditioner at 20 feet, sewing machine
- 70 Vacuum cleaner, hair dryer, noisy restaurant
- 80 Average city traffic, garbage disposals, alarm clock at two feet

The following noise levels can be dangerous with constant exposure:

- 90 Subway, motorcycle, truck traffic, lawn mower
- 100 Garbage truck, chain saw, pneumatic drill
- 120 Rock band concert in front of speakers, thunderclap
- 140 Gunshot blast, jet engine
- 180 Rocket launching pad

**Information courtesy of the Deafness Research Foundation.*



Legal notices

Modifications not authorized by the manufacturer may void users authority to operate this device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Place the unit on a stable surface. Avoid installing the unit in locations described below:
- Direct sunlight or close to appliances that radiate heat, such as electric heaters.
- On top of other stereo equipment that radiates heat.
- Unventilated or dusty places.
- Places subject to constant vibration.
- Humid or moist places.

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation 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 undesirable operation.

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

ONE-YEAR LIMITED WARRANTY

Definitions:

The Distributor* of Insignia branded products warrants to you, the original purchaser of this new Insignia-branded product ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period").

For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy branded retail store or online at www.bestbuy.com or www.bestbuy.ca, and is packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your 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 Best Buy retail store location, please take your original receipt and the Product to any Best Buy store. 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 a Best Buy online web site (www.bestbuy.com or www.bestbuy.ca), 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 warranty service, in the United States call 1-888-BESTBUY or in Canada call 1-866-BESTBUY. Call agents may diagnose and correct the issue over the phone.

Where is the warranty valid?

This warranty is valid only in the United States and Canada at Best Buy branded retail stores or websites to the original purchaser of the product in the county where the original purchase was made.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to weather, lightning, and other acts of God, such as power surges
- Accidental damage
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold “as is” or “with all faults”
- Consumables, including but not limited to batteries (i.e. AA, AAA, C, etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product
- Display panels containing up to three (3) pixel failures (dots that are dark or incorrectly illuminated) grouped in an area smaller than one tenth (1/10) of the display size or up to five (5) pixel failures throughout the display. (Pixel based displays may contain a limited number of pixels that may not function normally.)
- Failures or Damage caused by any contact including but not limited to liquids, gels or pastes.

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES 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 PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, 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 GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service please call 1-877-467-4289

www.insigniaproducts.com

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1-877-467-4289 (U.S. and Canada) or 01-800-926-3000 (Mexico)

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