

## Rough-In Speaker Housing

**MODEL: IR-55**

For use with NuTone recessed patio speakers

### LOCATION

1. Mounting speaker housing at a convenient operating height – approximately 4½ feet above the floor.
2. For mounting purposes, locate speaker next to a wall stud.
3. To avoid feedback, do not locate any speaker and/or Master Station housing back to back or in a common wall between rooms.

### MOUNTING

To accommodate the speaker panel, allow a minimum clearance, on all sides of rough-in housing, of two (2) inches. Wall depth required: 2¾" minimum.

### NEW CONSTRUCTION

Refer to Figure 1.

1. Position housing against wall stud.
2. Use wood screws to secure housing to wall stud.  
**NOTE TO INSTALLER: When outside wall surface is installed, make sure location of housing is clearly marked.**

### EXISTING CONSTRUCTION

#### MOUNTING DIRECTLY TO WALL STUD

1. Locate housing right next to wall stud.
2. Make sure area behind wall where housing will be located is free of obstructions.
3. Refer to Figure 2. Use the housing as a template for marking the required cutout. Place the housing against the wall at the desired location. Make a line around the back edge of the housing.
4. Make the cutout next to the wall stud. Carefully cut along the inside of the marked line.
5. Insert housing into cutout. Use wood screws to secure housing to wall stud.  
**NOTE:** In existing construction, use the four (4) mounting holes located in each corner of the speaker housing as illustrated in Figure 2.

#### MOUNTING BETWEEN WALL STUD

1. Determine frame location between wall studs. Be certain area behind wall is free from obstruction.
2. Use the housing as a template as illustrated in Figure 2. Place the housing against the wall at the required location.
3. Make the cutout. Carefully cut along the inside of the marked line.
4. Insert housing into cutout. Use wood screws to secure housing to wall stud.  
**NOTE:** In existing construction, use the four (4) mounting holes located in each corner of the speaker housing as illustrated in Figure 2.

### MASONRY CONSTRUCTION

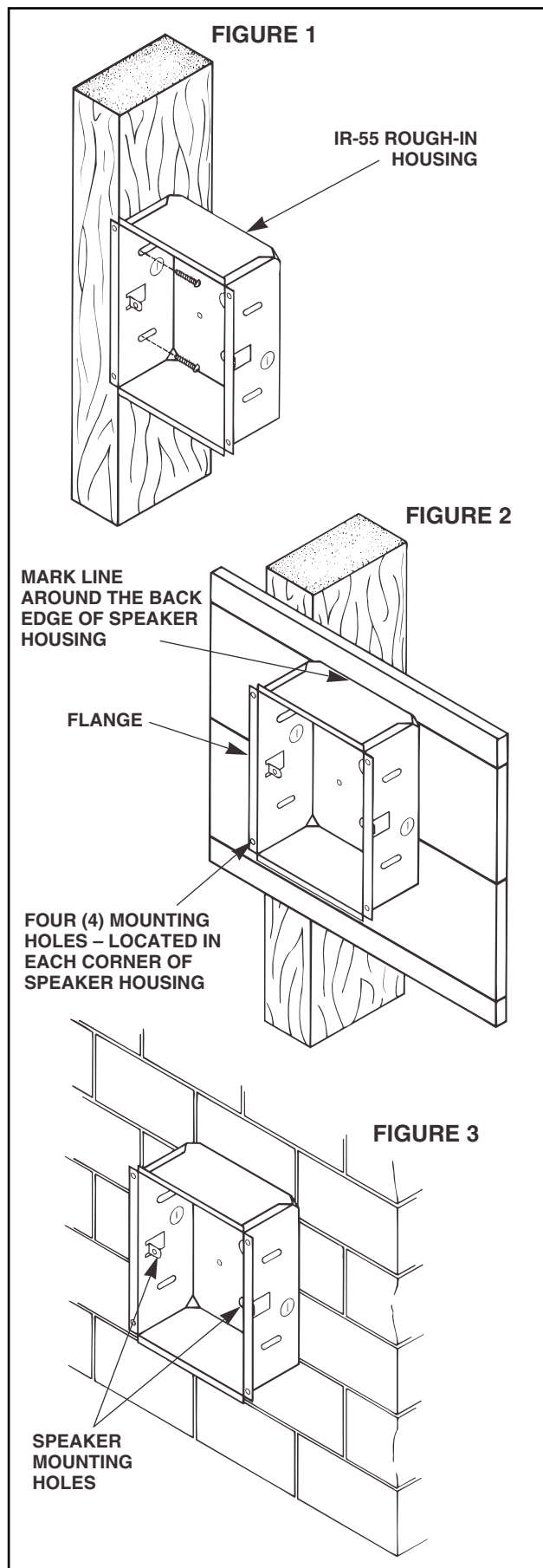
Refer to Figure 3.

1. Cutout should be 5⅜" wide x 7¼" high.
2. Run wiring into rough-in housing.
3. Grout in place; be certain the speaker mounting holes are clear and accessible for speaker installation.

### WIRING

1. The wiring (and IR-55) should be installed when the intercom system is roughed-in. Leave sufficient wire (at least 1 foot) for connection to speaker.
2. Run wire from speaker location to master unit location. Use wire specified for the system being installed – see installation instructions provided with the Master Unit Rough-In.

**IMPORTANT: Use only NuTone specified wire. See Master Unit installation instructions for complete system installation.**



# NuTone®

## Two Year Limited Warranty

**WARRANTY OWNER:** NuTone warrants to the original consumer purchaser of its products that such products will be free from defects in materials or workmanship for a period of two (2) years from the date of original purchase. **THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

**During this two year period,** NuTone will, at its option, repair or replace, without charge, any product or part which is found to be defective under normal use and service. **THIS WARRANTY DOES NOT EXTEND TO FLUORESCENT LAMP STARTERS OR TUBES, FILTERS, DUCT, ROOF CAPS, WALL CAPS AND OTHER ACCESSORIES FOR DUCTING.** This warranty does not cover (a) normal maintenance and service or (b) any products or parts which have been subject to misuse, negligence, accident, improper maintenance or repair (other than by NuTone), faulty installation or installation contrary to recommended installation instructions.

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**WARRANTY SERVICE: To qualify for warranty service, you must (a) notify NuTone at the address stated below or telephone 1/800-543-8687, (b) give the model number and part identification and (c) describe the nature of any defect in the product or part. At the time of requesting warranty service, you must present evidence of the original purchase date.**

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Date of Installation

Builder or Installer

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Model No. and Product Description

**IF YOU NEED ASSISTANCE OR SERVICE:**

For the location of your nearest NuTone Independent Authorized Service Center:

**Residents of the contiguous United States** Dial Free 1-800-543-8687

Please be prepared to provide:

Product model number • Date and Proof of purchase • The nature of the difficulty

**Residents of Alaska or Hawaii should write to:** NuTone Inc. Attn: Department of National Field Service, 4820 Red Bank Road, Cincinnati Ohio 45227-1599.

**Residents of Canada should write to:** Broan-NuTone Canada, 1140 Tristar Drive, Mississauga, Ontario, Canada L5T 1H9.

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