

Door Speaker

MODEL: IS-68

FOR USE WITH IK-15 OR IK-25 DOOR-ANSWERING INTERCOMS

LOCATION

1. To add a second Door Speaker to an IK-15 or IK-25 Intercom, located the speaker where an existing pushbutton is located. Existing wiring may be use.
2. If existing pushbutton is on an uneven or narrow surface, it will be necessary to locate Door Speaker elsewhere.
3. Locate Door Speaker on an even surface, wide enough for speaker (approximately 5") and as close to existing wiring as possible.
4. **IMPORTANT: Do not locate speakers more than 500 feet apart. Do not locate speakers back-to-back on the same wall.**
5. Where no existing wire runs to desired location, try to locate speaker where running the wiring will not present a problem. Speaker should be close to the door at an easy operating height.

WIRING

1. **All wiring must comply with local wiring codes.**
2. Carefully fasten wiring to wall studs and ceiling joists. Avoid short circuits caused by staples, nails or clips cutting through the wiring's insulation.
3. When existing pushbutton wiring is not available, run standard bell/chime wire from the Door Speaker location to the Master Speaker location.
4. Wiring to IK-15 – Connect brown door speaker wires to existing connections of brown door speaker wires and green master speaker wires. See Figure 1.
5. Wiring to IK-25 – Connect brown door speaker wires to existing connections of brown door speaker wires and green and orange master speaker wires. See Figure 2.
6. Use wire nuts to make all connections. Insulate all connections with electrical tape.

MOUNTING DOOR SPEAKER

1. Once the Door Speaker wiring is connected, the speaker can be mounted.
2. Make sure speaker is mounted to a flat surface.
3. Use two supplied screws through bosses to mount speaker to surface. Use anchors (not supplied) if necessary. See Figure 3.
4. Remove nameplate and name card from Door Speaker. Write name on card and insert into nameplate. Snap nameplate into place. See Figure 3.

OPTIONAL LIGHTED PUSHBUTTON

(With the IK-25 Intercom Only)

The Door Speaker's pushbutton will accommodate a bulb (Model PBL-2) if the user desires a lighted pushbutton. A lighted door speaker pushbutton requires: bulb installation and two (2) additional wires from the door speaker's pushbutton terminals to the master speaker.

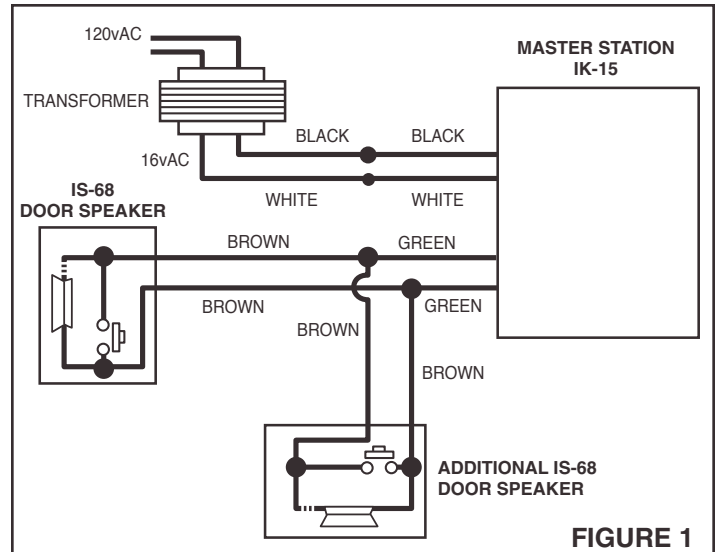


FIGURE 1

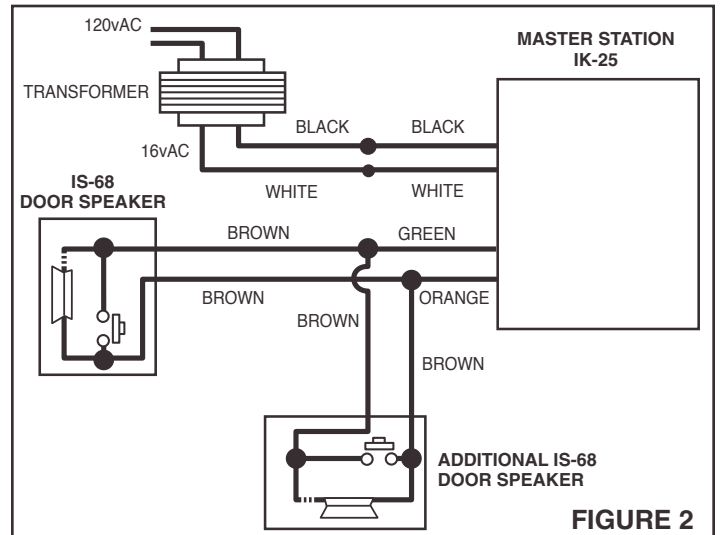


FIGURE 2

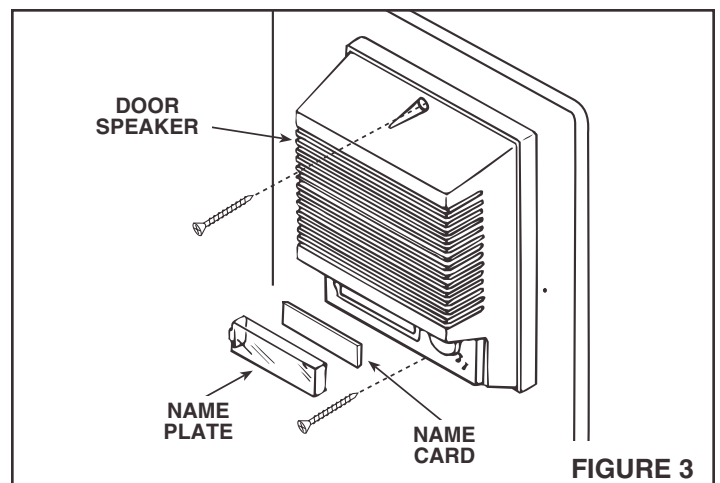


FIGURE 3

BULB INSTALLATION

1. Twist the terminal base to unlock it from the pushbutton housing. See Figure 4.
2. Insert the bulb into the terminal base. Make sure each bulb wire contacts a socket plate. See Figure 4.
3. Replace terminal base and twist to lock in place.

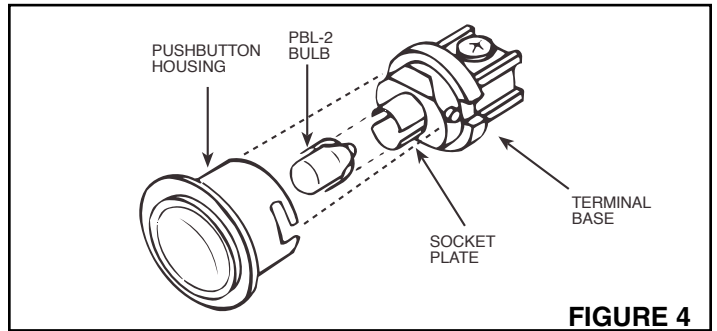


FIGURE 4

WIRING

1. Run two-conductor standard bell/chime wire from the Door Speaker to the Master Speaker.
2. Remove two screws from the pushbutton terminals and disconnect the terminals from the two **BROWN** wires. Insulate the leads removed from the terminals to prevent a short circuit.
3. Connect the two Door Speaker **BROWN** wires to the existing connections of Door Speaker **BROWN** wires and master Speaker's **ORANGE** and **GREEN** wires. See Figure 5.
4. Connect one pushbutton wire to the existing connection between the other pushbutton wire and the **BROWN** Master Speaker wire. See Figure 5.
5. Connect the second pushbutton wire to the existing connection between the other pushbutton wire and the Master Station's **BLACK** transformer secondary wire. See Figure 5.
6. Mount door speaker as described on page 1.

NOTE: When two lighted pushbuttons are used in an IK-25 Intercom, the bulb in each will dim noticeably. The use of a third lighted pushbutton is not recommended.

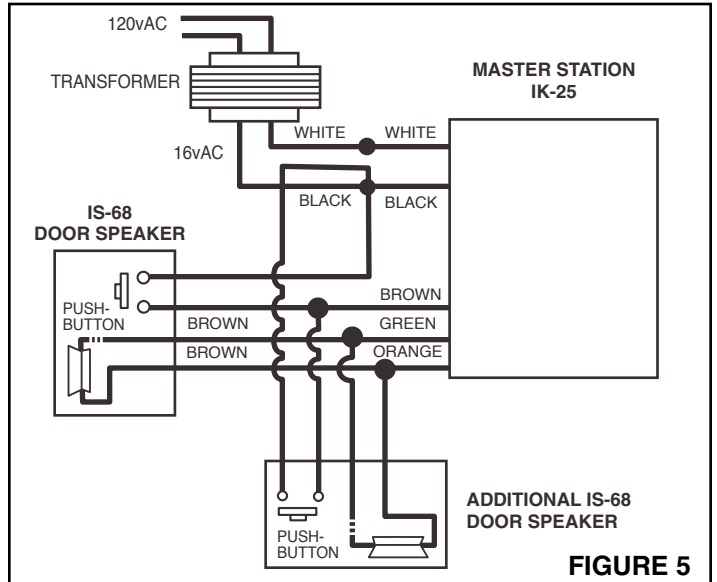


FIGURE 5

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.**

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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.

Date of Installation _____

Builder or Installer _____

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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