

## Built-In Apartment Speaker

### MODELS: N482BX SERIES DIRECT-A-COM 3

#### GENERAL INSTALLATION INFORMATION

1. Mount Apartment Speaker in NuTone rough-in frame for built-in installation. For surface mounting installation, mount Apartment Speaker in NuTone surface mount frame.
2. All necessary interconnecting wires and cables should be installed when the rough-in frames are mounted.
3. For system wiring diagrams concerning the optional Direct-A-Com 3 installations, see Installation Instructions on the NuTone Direct-A-Com Series 3.

#### MULTI-FLOOR & GARDEN APARTMENT INSTALLATION

Each Apartment Speaker connects to a speaker at the main entry. The following equipment may be used at the main entrance:

- (1) Entrance Directory as shown in Figure 1.
- (2) Mailboxes with pushbuttons and either built-in door speakers, or surface mounted door speaker.
- (3) Separate pushbuttons and either built-in or surface mounted door speaker.

#### SYSTEM WIRING (use recommended NuTone wire)

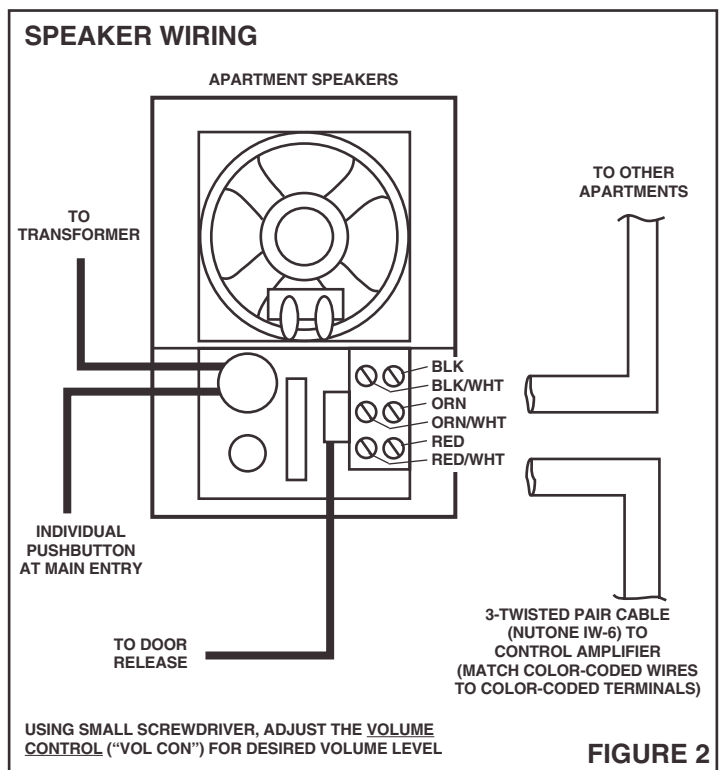
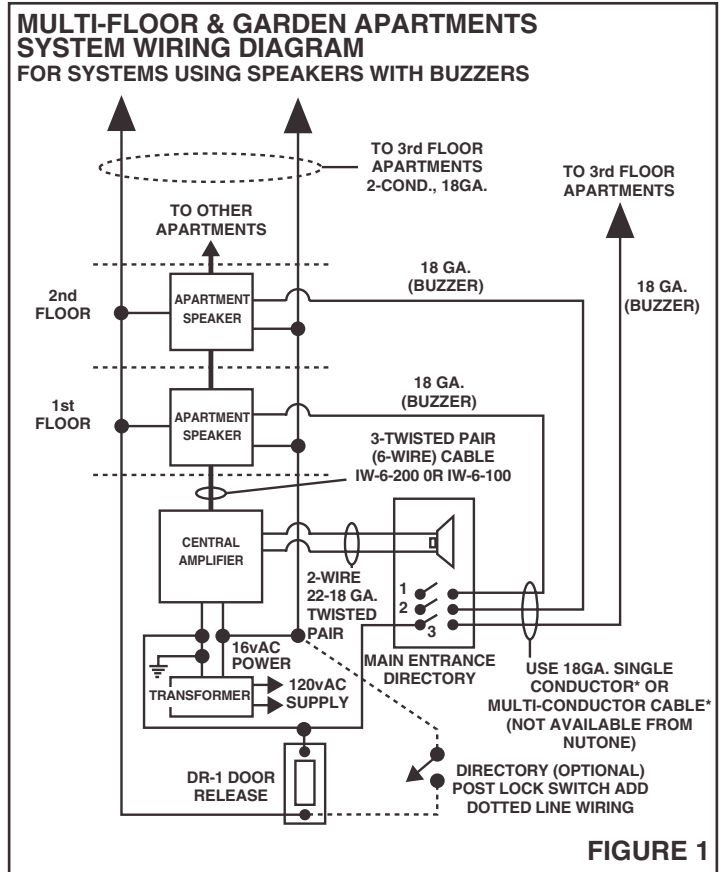
1. Refer to Figure 1 riser wiring detail. The 3-twisted pair cable (NuTone IW-6) is common between the Amplifier and all Apartment Speakers.
2. Common throughout the system:
  - (a) 18 gauge wire between Speaker Door Release Switch and Electric Door Release
  - (b) 18 gauge, 16vAC wire between Transformer and Speaker Buzzer and Speaker Door Release Switch.
3. Run individual 18 gauge wire between each Apartment Pushbutton and Speaker Buzzer.

#### APARTMENT SPEAKER WIRING

Refer to Figure 2.

1. Connect 3-twisted pair cable(s): ORANGE pair to ORN terminals, RED pair to RED terminals, BLACK pair to BLK terminals.
2. Connect one BROWN wire on Buzzer and one BROWN wire on Door Release Switch to 18 gauge, 16vAC wire from Transformer.
3. Connect other BROWN wire on Buzzer to 18 gauge wire from individual pushbutton at main entry.
4. Connect other BROWN wire on Door Release Switch to 18 gauge wire from DR-1 Electric Door Release at main entry.

**NOTE:** Use wire connectors, or splice and tape for wire connections in steps 2, 3 and 4 above.



# NuTone®

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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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Product specifications subject to change without notice.

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