



## INSTALLATION INSTRUCTIONS

# UL22/70/JB

## TILE REPLACEMENT LOUSPEAKER SYSTEM

### INTENDED USE - Indoor Environment

Mounted parallel to floor plane in a 24" wide, suspended ceiling tile grid; mount height 18' or less above floor plane.

Program material: signal tones, voice, and music.

#### UL Listed 1480

#### City of Chicago Approved

"Material and construction permits use where ceiling plenum is part of the air handling system"

#### Type F – Fire Protective Signaling

UL Listed 2043 - Suitable for use in an air handling space

### INSTALLATION

#### 1. Cut ceiling tile as required:

##### 2' x 2' FORMAT LOUSPEAKER

2' x 2' tile – No cutting required.

2' x 4' tile – Cut tile in half along 2' axis.

#### 2. Remove Knockout from desired location on electrical box and install UL Listed metallic enclosure entry fitting.

(Verify code requirements with local AHJ)

#### 3. Make electrical connections inside of electrical box by:

- a) Connect both common (black) speaker wires to common wire from previous speaker and common wire to next speaker with approved connection device.

Connect both positive (red) speaker wires to positive wire from previous speaker and positive wire to next speaker with approved connection device.

**\* For fire applications, connecting one speaker wire to the wire from the previous speaker, and one speaker wire to the wire to the next speaker is recommended.**

- b) For installations requiring terminal block termination, connect as shown in Figure B.

(Verify all code requirements with local AHJ before selecting connection method)

#### 4. Attach electrical box cover.

#### 5. Place assembly onto ceiling grid, install 24" T-bar trim piece where required (not supplied)

NOTE! AHJ/ local codes may require tie-off to structure. Bend up tie-off tabs as shown in Figure C and install as directed.

NOTE! AHJ/ local codes may require tie-down to grid. Recommended fasteners; not supplied: Erico/Caddy part ATA4i and 1/4"-20 x 2" bolt, or equivalent. Install as directed.

#### 6. Place remaining ceiling tile into opening as required.



Figure A

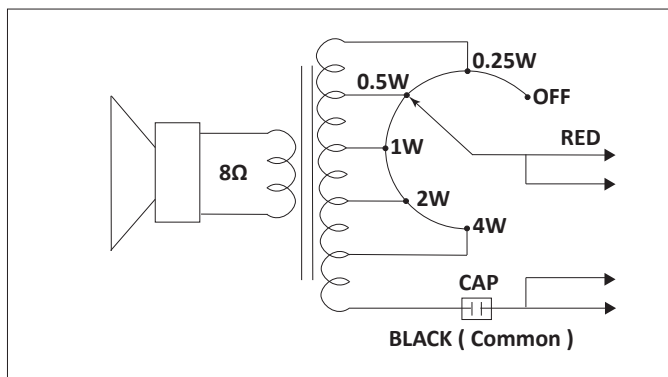


Figure B

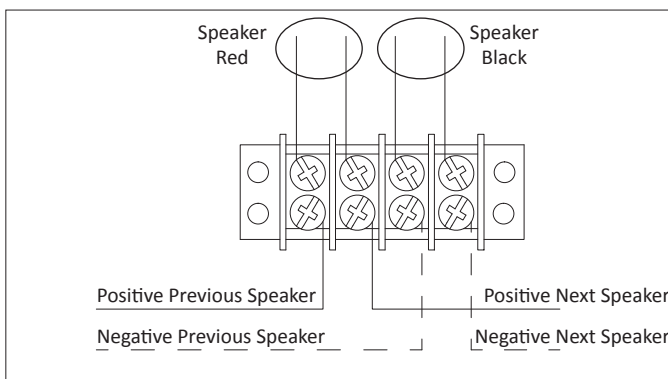
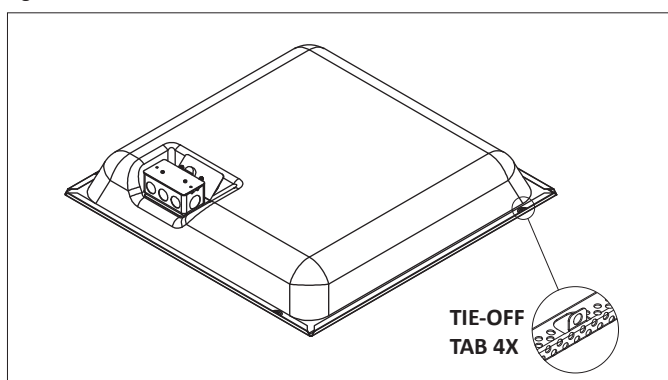


Figure C



Recommended construction sequences, installation instructions, and A&E Specifications are available in various formats in the Specs and Diagrams section at: [www.QuamSpeakers.com](http://www.QuamSpeakers.com)

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