

Installation Instructions

APPLICATION Intended Use: Mass notification and emergency communications

Program Material: Signal tones and voice

Installation: Fits into a 2' x 2' or 2' x 4' ceiling tile grid

CERTIFICATION UL Listed 1480A (Type G): When installed per supplied installation instructions and requirements of NEC/AHJ UL Listed 2043: Suitable for use in air-handling spaces. Material and construction permits use where

ceiling plenum is part of the air handling system

INSTALLATION INSTRUCTIONS

1. Cut ceiling tile as required:

2' x 2' tile - No cutting required.

2' x 4' tile - Cut tile in half on 4' side.

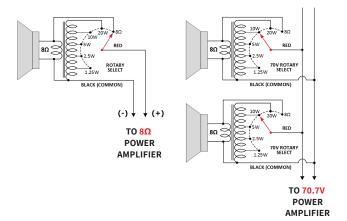
- 2. Required only if using conduit clamp fitting other than what is provided with product.
 - a. Loosen, but do not remove screws on cover plate; slide plate to large keyhole position and lift plate from assembly.

City of Chicago Approved

- b. Remove cable/conduit clamp fitting from cover plate; Install UL Listed metallic enclosure entry fitting for plenum cable or flex whip.
- c. Feed supply cable through whip to speaker wires. Make connections per wiring diagram; Use appropriate connectors to meet any required codes.
- d. Replace cover plate and tighten cover plate screws. When cover plate is secured, all connections/splices must be inside of the enclosure.
- 3. Make the respective field wiring connections for an amplifier with either 8 Ohm or 70V output.

IMPORTANT:

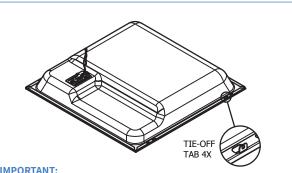
• Do not mix 8 Ohm speakers with 70V speakers on the same amplifier output line.



- a. Connect the common (black) wire from the SYSTEM 19 to the existing field wiring common wire.
- b. Connect the positive (red) wire from the SYSTEM 19 to the existing field wiring positive wire. All connections/splices must be inside of the enclosure.
- c. Using the rotary selector, select the desired speaker tap power level.
- d. Tighten screws on cable clamp.

IMPORTANT:

- · Verify all code requirements with local AHJ before selecting connection method.
- Using code compliant connectors for all field wiring.
- 4. Place assembly onto ceiling grid, install 24" T-bar trim piece where required (not supplied).



- · AHJ/ local codes may require tie-off to structure. Bend up tie-off tabs as shown above and install as directed.
- · 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. Attach to T-bar as directed with threaded hole over the edge of speaker assembly. Thread bolt through hole until snug against back of speaker assembly.
- 5. Place remaining ceiling tile into grid opening as required.









