

CERTIFICATION

UL Listed 1480A (Type G):
UL Listed 2043:

When installed per supplied installation instructions and requirements of NEC/AHJ Suitable for use in air-handling spaces. Material and construction permits use where ceiling plenum is part of the air handling system

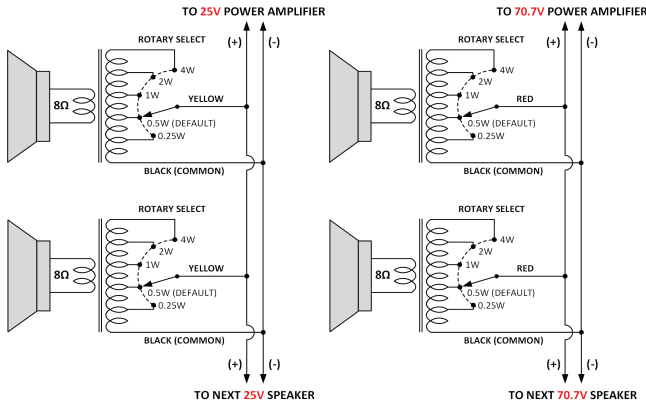
INSTALLATION INSTRUCTIONS

1. If cutting a ceiling tile is required:
 - 2' x 2' tile – No cutting required.
 - 2' x 4' tile – Cut tile in half on 4' side.
2. Install a 24" T-bar trim piece where required (not supplied).

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.
- 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 following field wiring connections to the SYSTEM 12URS.



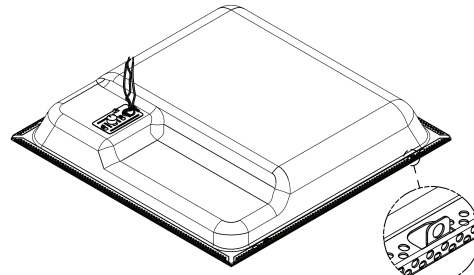
- a. Connect the common (BLACK) wire from the SYSTEM 12URS to the existing field wiring common wire.
- b. In 25 Volt systems, connect the positive (YELLOW) wire from the SYSTEM 12URS to existing field wiring positive wire.

In 70 Volt systems, connect the positive (RED) wire from the SYSTEM 12URS to existing field wiring positive wire.
- c. Tighten screws on cable clamp.
- d. Using the rotary selector, select the desired speaker tap power level.

IMPORTANT:

- **Verify all code requirements with local AHJ before selecting connection method.**
- **Using code compliant connectors for all field wiring connections, insulate all unused wires from each other, the enclosure and electrical ground.**

4. Place assembly onto ceiling grid.



IMPORTANT:

- **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): Quam Kit #118 includes twelve (12) hold down clamps and twenty-four (24) self-drilling screws. Place clamp over tile grid support rail and edge of speaker assembly, insert two (2) screws into clamp and tighten.**

5. Place remaining ceiling tile into grid opening as required.