

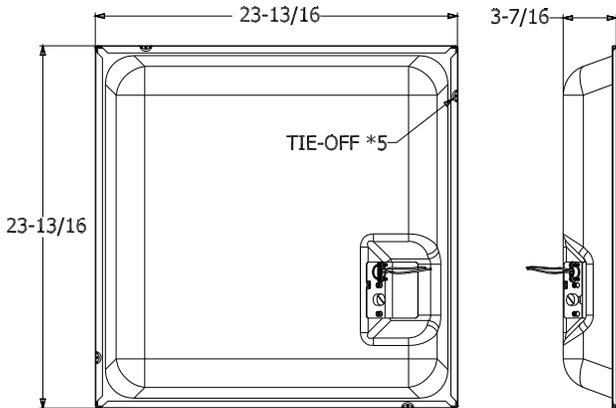


# Quam

## SYSTEM 19/8

Complete 2' x 2' class UL Listed Speaker System  
Sealed and tuned enclosure, 70V Rotary Select

### TILE REPLACEMENT LOUDSPEAKER ASSEMBLY



#### GENERAL DESCRIPTION

The SYSTEM 19/8 Series is a complete shallow depth, lightweight loudspeaker assembly with a 6-1/2" O.D. woofer and 1" dome tweeter, perforated steel baffle and integral molded 1,412 CID fiber enclosure. Cable clamp is included; five (5) seismic tie-off points. No assembly required.

Grille finish: Baked epoxy hybrid

#### MODELS

#### GRILLE OPTIONS

SYSTEM 19/8	Standard Perf White
SYSTEM 19/8/B	Standard Perf Black
SYSTEM 19/8/MP	Micro-Perf White*
SYSTEM 19/8/MP/B	Micro-Perf Black*

#### AUDIO SPECIFICATIONS

Average Sensitivity	91 dB-SPL 1W/1M
Nominal Impedance	8-Ohms
Loudspeaker Power Rating	30W-RMS EIA 426A Standard
Calculated Maximum System Output	105 dB-SPL 30W/1M
Frequency Response	60 Hz - 20 kHz EIA 426A Standard
Nominal Coverage Angle	100° included angle -6 dB/ 2 kHz half space

#### INTENDED USE

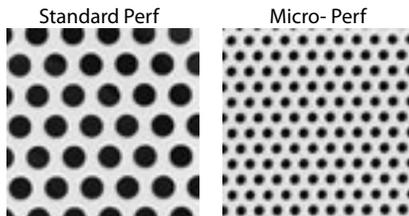
Indoor environment, mounted parallel to floor plane in a 24" wide suspended ceiling tile grid.

Program Material: Signal tones, voice and music.

#### UL Listed 1480- (UEAY, UEAY7- Canada)

As a **General Signaling** device- When installed with supplied installation instructions and requirements of NEC /AHJ.

\* These products have not been submitted to UL



Shown as 1" square samples

#### ACCESSORY

Kit #112	One 24" "T"-bar, white. Use with 2' x 2' Tile Replacement Loudspeaker in a 2' x 4' ceiling tile
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Recommended construction sequences, installation instructions and A&E Specifications, EASE .GLL / .CFL data files are available in various formats in the QUAM Architects' and Engineers' Resources section on the web at: [www.QuamSpeakers.com](http://www.QuamSpeakers.com)

#### QUAM-NICHOLS COMPANY

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SIGNALING



.GLL / .CFL  
DATA



**(1' x 2') SYSTEM 5** includes 8-Ohm, /25RS versions and /70RS versions

**(2' x 2') SYSTEM 12** includes 8-Ohm, /25RS versions and /70RS versions, **SYSTEM 19-** includes 25RS and /70RS versions

**INTENDED USE:**

All versions: 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 G- General Signaling**



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

**1' x 2' FORMAT LOUDSPEAKER**

- 2' x 2' tile – Cut tile in half along one axis.
- 2' x 4' tile – Cut 12" from edge along 2' axis and discard smaller piece.

**2' x 2' FORMAT LOUDSPEAKER**

- 2' x 2' tile – No cutting required.
- 2' x 4' tile – Cut tile in half along 2' axis.

**! Steps 2-3 only**– Required if using conduit clamp fitting *other than what is provided* with product

**2. Loosen, but do not remove screws** on cover plate; push up and remove plate from assembly.

**3. Remove cable /conduit clamp fitting from plate;** install UL Listed metallic enclosure entry fitting for plenum cable or flex whip.

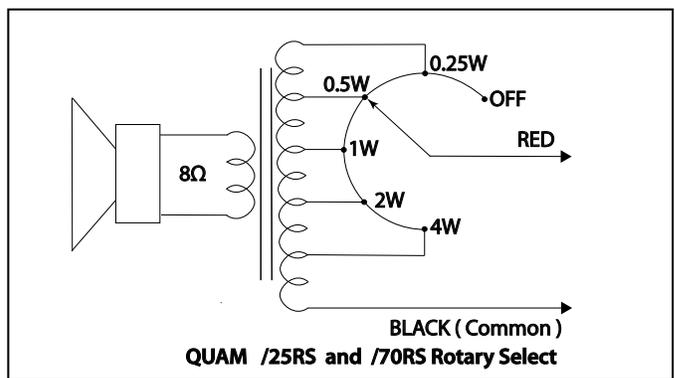
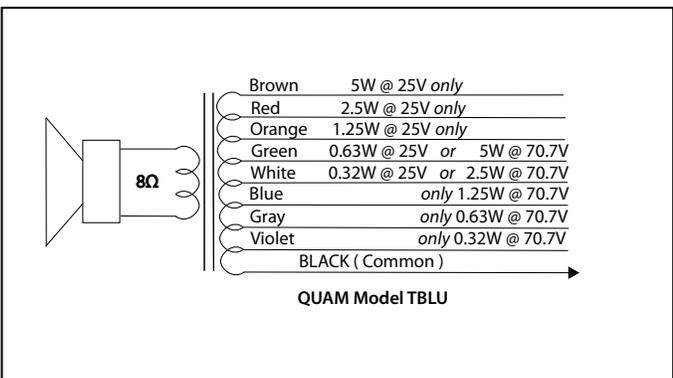
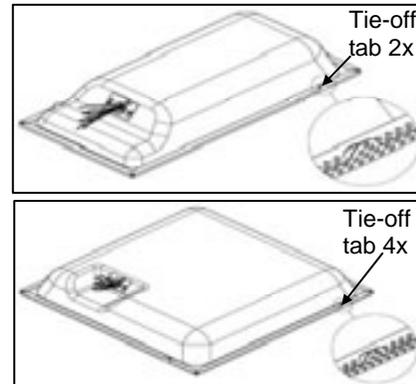
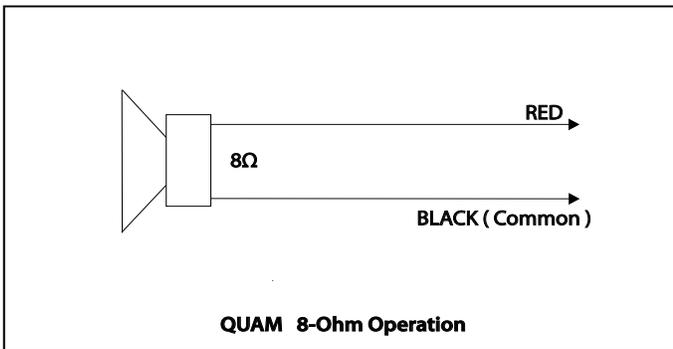
**4. Feed supply cable through whip to connector.** Make connections per wiring diagrams lower left below; insulate all unused taps from each other and enclosure. When cover plate is secured, all connections / splices and unused leads must be inside of the enclosure.

**5. Place assembly onto ceiling grid,** install 24" T-bar trim piece where required (furnished only with specific 1'x2' formats).

**NOTE! AHJ/ local codes may require tie-off to structure.** Bend up tie-off tabs as shown in illustration 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.



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