

Quam UL24/45

UL24/45 is a UL Listed, dual loudspeaker assembly for emergency communications and general paging, all in a space saving tile replacement design. The fire signaling loudspeaker is intended for fire alarm use and emergency communications only. The paging loudspeaker is for use with general signaling. The 2' x 2' assembly provides superior voice intelligibility and high efficiency performance in a lightweight, shallow depth assembly. The fire signaling loudspeaker has a 4W-25/70V rotary select transformer, and a capacitor for line supervision is included. The paging loudspeaker is 45 Ohm impedance. No assembly required.

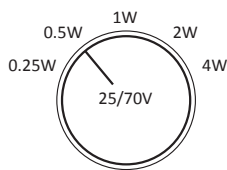
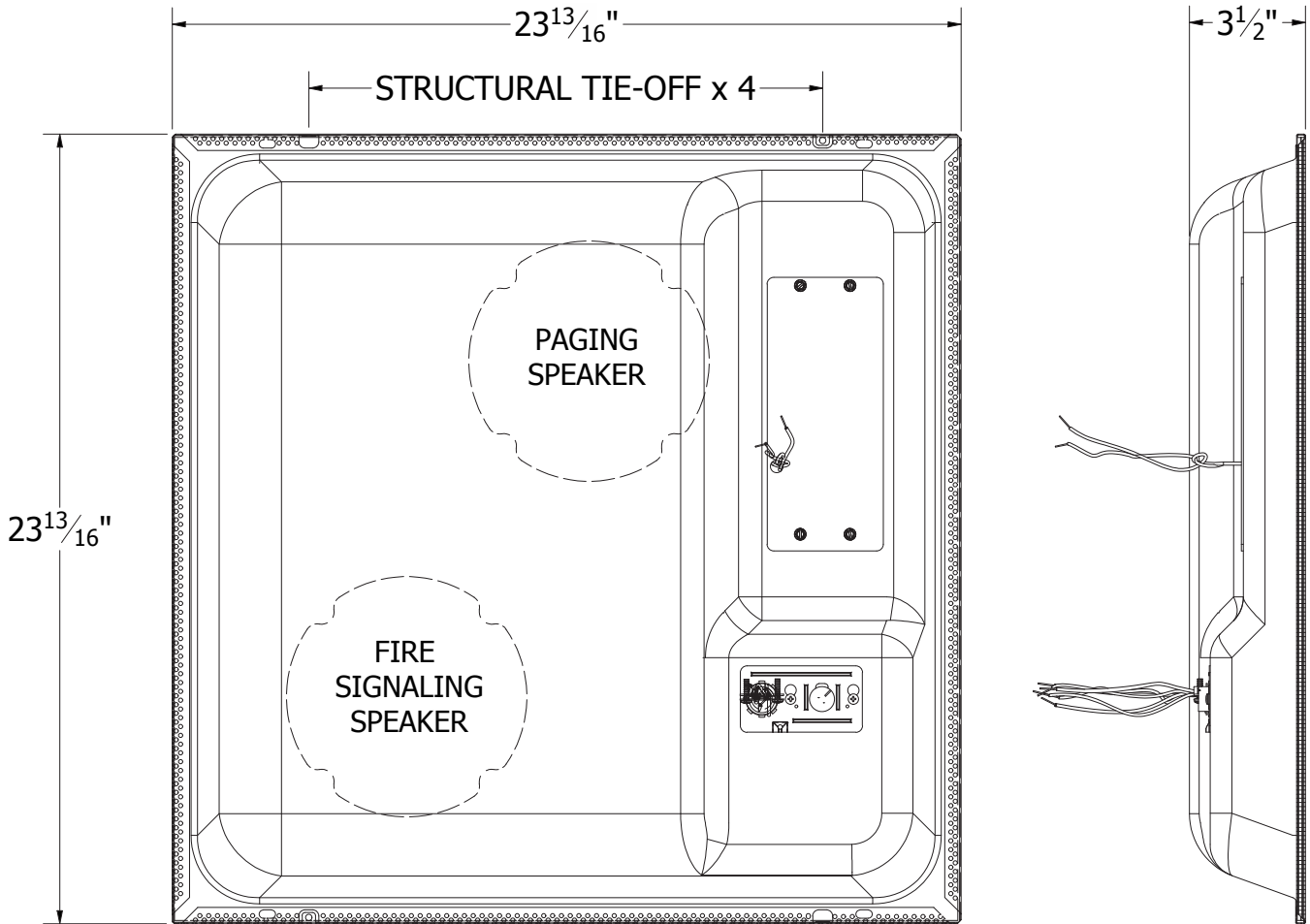


Paging on all general signaling speakers must be overridden when fire alarm is active, in accordance with NFPA 72, so as not to interfere with the speaker's fire alarm operation.

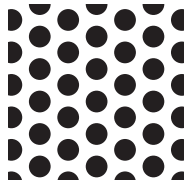
The Fire Signaling Speaker and the Paging Speaker must not be interconnected.

APPLICATION	<p>Intended Use:</p> <p>Program Material:</p> <p>Installation:</p>	<p>FIRE SIGNALING SPEAKER: Fire Alarm Only</p> <p>PAGING: General Signaling Only</p> <p>Signal tones and voice</p> <p>Fits into a 2' x 2' or 2' x 4' ceiling tile grid</p>
AUDIO PERFORMANCE	<p>Average Sensitivity</p> <p>Sound Pressure dB-SPL @10' per Tap:</p> <p>Loudspeaker Power Rating:</p> <p>Magnet Type & Weight:</p> <p>Frequency Response:</p> <p>Nominal Coverage Angle:</p> <p>Audio Connection:</p>	<p>FIRE SIGNALING: 1/4W = 74.5dB, 1/2 = 77.3, 1 = 80.3, 2 = 83.1, 4 = 85.5</p> <p>PAGING: 89dB SPL, 1W/1M</p> <p>FIRE SIGNALING: 20W RMS, EIA 426A Standard</p> <p>PAGING: 12W RMS, EIA 426A Standard</p> <p>FIRE SIGNALING: BeFe Ceramic, 10 oz. Nominal</p> <p>PAGING: BeFe Ceramic, 5 oz. Nominal</p> <p>FIRE SIGNALING: 60Hz - 17kHz, EIA 426A Standard</p> <p>PAGING: 65Hz - 17kHz, EIA 426A Standard</p> <p>FIRE SIGNALING and PAGING: 100° Included Angle, -6dB/2kHz, Half space</p> <p>FIRE SIGNALING and PAGING: 7 1/2", Color-coded, Pre-tinned Leads</p>
COMPONENT	<p>Dimension:</p> <p>Weight:</p> <p>Loudspeaker Model:</p> <p>Loudspeaker Specs:</p> <p>Transformer:</p> <p>Integral Enclosure:</p> <p>Grille:</p> <p>Finish:</p> <p>Other:</p>	<p>3 1/2" (H) x 23 13/16" (W) x 23 13/16" (D)</p> <p>9 lbs.</p> <p>FIRE SIGNALING: 8C10PAFR</p> <p>PAGING: 8C5Z45</p> <p>FIRE SIGNALING: 8" O.D. loudspeaker, 10 oz. magnet, fire retardant</p> <p>PAGING: 8" O.D. loudspeaker, 5 oz. magnet</p> <p>FIRE SIGNALING: 4W, 25/70V, rotary select with 5 taps (0.25W, 0.50W, 1W, 2W, 4W)</p> <p>PAGING: N/A - 45 Ohm Impedance</p> <p>1,283 CID, molded fiber</p> <p>Perforated steel with four (4) seismic tie-off points</p> <p>White powder coat finish</p> <p>A 10uF, 150V, line supervision capacitor is included</p>
CERTIFICATION	<p>FIRE SIGNALING SPEAKER</p> <p>UL Listed 1480:</p> <p>UL Listed 2043:</p> <p>ASTM E84:</p> <p>CSFM Certified #7320-2288:0500:</p> <p>PAGING SPEAKER</p> <p>UL Listed 1480A (Type G):</p> <p>UL Listed 2043:</p>	<p>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</p> <p>Includes integral backbox that meets/exceeds flame and smoke test w/ 3hr. burn rating Listed as speakers for use with separately listed compatible fire alarm control units</p> <p>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</p>

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Speaker Tap Selector



Standard Perforation Pattern
Shown as 1" Square Sample