



SYSTEM 16
70V, Extended Frequency Response
Tile Replacement Loudspeaker Assembly

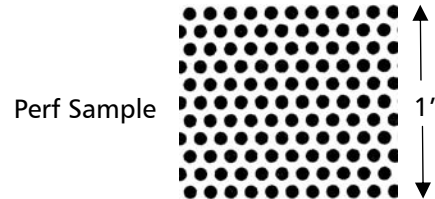
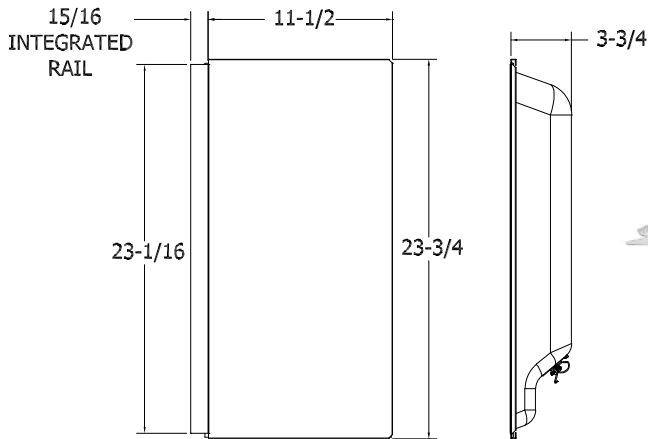
SYSTEM 16/8
8-Ohm, Extended Frequency Response
Tile Replacement Loudspeaker Assembly

SYSTEM 16/25RS
25V, Rotary Select, Extended Frequency Response
Tile Replacement Loudspeaker Assembly

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LOUDSPEAKER ASSEMBLIES

0104.5 - LAY-IN CEILING MOUNT (TILE REPLACEMENT)



GENERAL DESCRIPTION

The Quam SYSTEM 16/x is a complete, extended frequency response loudspeaker assembly, with 8" frame loudspeaker, "micro-perf" steel baffle, integrated back box and trim rail on 23-3/4" side.

Finish: White baked epoxy hybrid.

INTENDED USE

Mounted parallel to floor plane in a 24" wide suspended ceiling tile grid; indoor environment.
Program Material: Music, voice and signal tones

SYSTEM COMPONENTS:

Loudspeaker	8C10FEPAX (Urethane foam surround, hard fiber HF cone)
Transformer (SYSTEM 16 Only)	TCH70—10W*, pig-tail, Low-loss, Extended LF response, 5-taps, -3dB each
Transformer (SYSTEM 16/25RS Only)	TBL25—4W**, Rotary select, 5-taps, -3dB each

*10W, 5W, 2.5W, 1.25W, 0.63W
** 4W, 2W, 1W, 0.5W, 0.25W

AUDIO SPECIFICATIONS:

Speaker Size	8" frame
Average Sensitivity	95 dB-SPL, 1W/ 1M
Loudspeaker Power Rating	20W-RMS, EIA 426A Standard
Calculated Maximum System Output	105dB-SPL, 10W / 1M
Magnet Type, Weight	BeFe Ceramic, 10 oz. Nominal
Frequency Response	50—18kHz (SYSTEM 16) 65—18kHz (SYSTEM 16/25RS) EIA 426A Standard
Nominal Coverage Angle	100° Included angle, -6dB 2 kHz, half space
Audio Connection	7" pre-cut, labeled wires

Recommended construction sequences, installation instructions, wiring diagrams and A&E Guide Specifications are available in various formats on the web at:

www.QuamSpeakers.com >RESOURCES

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