



# Quam

**SYSTEM 12**  
25V/70.7V Pig-Tail Lead

**SYSTEM 12/VC \***

25V/70.7V Pig-Tail Lead, Volume Control

**SYSTEM 12/25 RS**

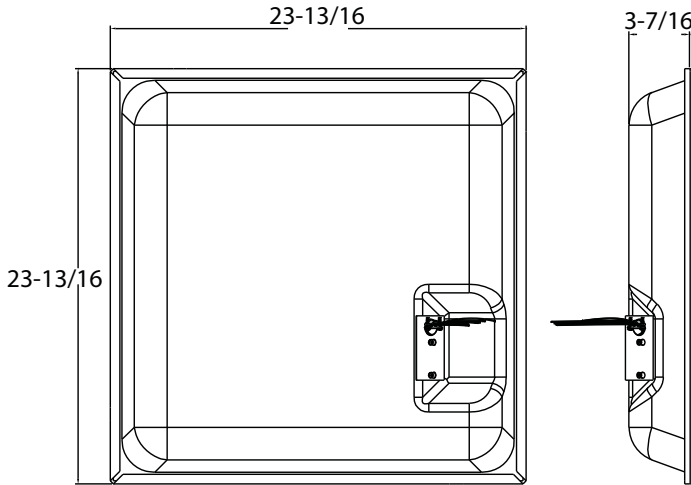
25V Rotary Select Tap

**SYSTEM 12/70RS**

70.7V Rotary Select Tap

## 0104.5 - LAY-IN CEILING MOUNT (TILE REPLACEMENT)

01



SYSTEM 12 Shown



**CITY of CHICAGO ★ APPROVED**

LOUDSPEAKER ASSEMBLIES

### GENERAL DESCRIPTION

The Quam SYSTEM 12/xxxx/x is a complete loudspeaker assembly, with 8" frame, perforated steel baffle and integral back box.

Transformer Options: 25/70.7V pigtail, 25V rotary select or 70.7 rotary select.

Finish options: White or black baked epoxy hybrid.

### INTENDED USE

All variants: 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-** As a **General Signaling Device**: Used in conjunction with a compatible listed recording and reproducing equipment; installation and application compliant with requirements of NEC and AHJ. (\* All except SYSTEM 12/VC )

**CITY of CHICAGO APPROVED-** Material and construction permits use where ceiling plenum is part of the air handling system.

### SYSTEM COMPONENTS:

Loudspeaker	8C5PAX
Transformer (all below)	5 taps at -3dB levels
25V/70.7V/ 5W pig-tail	Order as SYSTEM 12
25V/70.7V/ 5W pig-tail With Volume Control	Order as SYSTEM 12/VC * ( Not UL Listed )
25V/ 4W Rotary select	Order as SYSTEM 12/25RS
70.7V/ 4W Rotary select	Order as SYSTEM 12/70RS
Finish options Black only	Order as SYSTEM 12/xxxx/B

### AUDIO SPECIFICATIONS:

Speaker Size	8" frame
Average Sensitivity	92 dB-SPL, 1W/ 1M
Loudspeaker Power Rating	12W RMS, EIA 426A Standard
Calculated Maximum System Output	5W pig-tail xfm, 99 dB-SPL, 5W / 1M 4W Rotary tap xfm, 98 dB-SPL, 4W / 1M
Magnet Type, Weight	BeFe Ceramic, 4.8 oz. Nominal
Frequency Response	42Hz - 17 kHz EIA 426A Standard
Nominal Coverage Angle	100° Included angle, -6dB 2 kHz, half space
Audio Connection	7" long, labeled tinned wires, pre-cut

Recommended construction sequences, installation instructions and A&E Specifications are available in various formats on the Quam Architects' and Engineers' Resources CD or on the web at: [www.quamspeakers.com](http://www.quamspeakers.com)

### Quam-Nichols Company

234 East Marquette Road, Chicago, IL 60637  
Phone: (800) NEED NOW Fax: (888) NEED NOW  
(800) 633 - 3669 (888) 633 - 3669  
E-Mail: [neednow@qnc.com](mailto:neednow@qnc.com) [www.quamspeakers.com](http://www.quamspeakers.com)

