

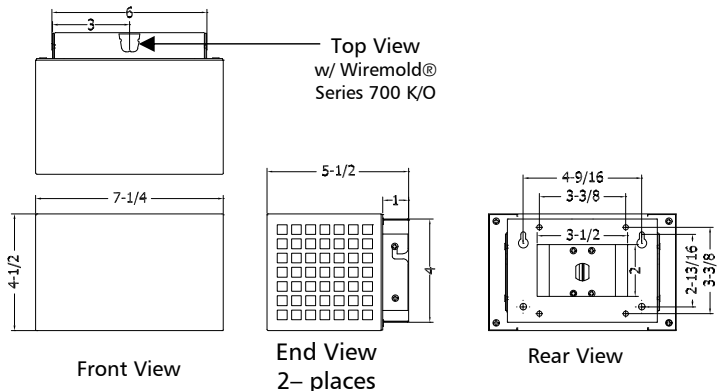


# SYSTEM 30

## Bi-Directional Wall Mount Paging Loudspeaker 4" Cone Speaker

**01 LOUDSPEAKER ASSEMBLIES**

### 0102 - SURFACE MOUNTED SPEAKER SYSTEM



#### GENERAL DESCRIPTION

The QUAM SYSTEM 30 is a complete, bi-directional surface mounted loudspeaker, with a 4" O.D. speaker, 5W-25/70.7V pigtail transformer, 22 gage steel enclosure and mount pedestal.

Finish: Enclosure: White baked epoxy hybrid  
Mount pedestal: Black baked epoxy hybrid

#### INTENDED USE

Indoor environment– Mounted to wall or ceiling, long axis of the device parallel to the floor plane and traffic flow.  
Recommended mount height: 8'-0 to 12'-0 AFF.  
Program Material: Signal tones, voice

#### SYSTEM COMPONENT

Loudspeaker	4C3PAOT, Moisture resistant,
Transformer	5W*, 25/70.7V pigtail (TBLU)

\*5W, 2.5W, 1.25W, 0.63W, 0.31W

#### RECOMMENDED QUAM ACCESSORY

Drop-ceiling installation:

SSB-1900 or SSB-1900DEEP	Load-bearing support bridge with '1900' electrical junction box
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#### AUDIO SPECIFICATIONS

Average Sensitivity	88 dB SPL, 1W/ 1M
Loudspeaker Power Rating	10W RMS, EIA 426A Standard
Calculated Maximum System Output	95 dB SPL, 5W/ 1M
Magnet Type, Weight	BeFe Ceramic, 4.8 oz. Nominal
Frequency Response	130Hz - 9 kHz EIA 462A Standard
Nominal Coverage Angle ( Wall Mount position )	Vertical: 90° Included Angle, Horizontal: 45° Included Angle -6 dB / 2 kHz, Half space
Audio Connection	7" color-coded pigtails, 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)

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## SYSTEM 30– Bi-Directional Surface Mount Loudspeaker System 4" Cone-Type Format

**INTENDED USE:**

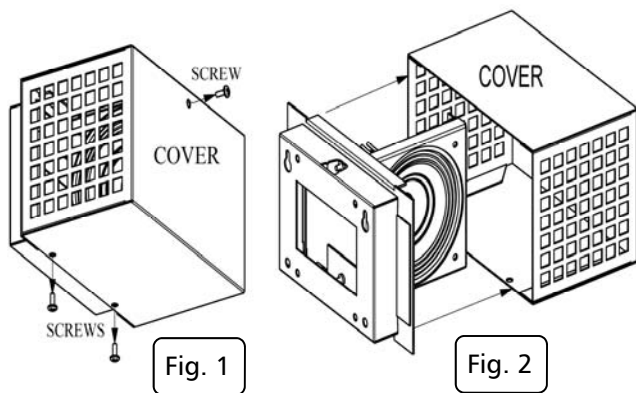
Indoor environment– Mounted to wall or ceiling, long axis of the device parallel to floor plane and traffic flow.  
Recommended mount height: 8'-0 to 12'-0 above floor plane.  
Program material: Signal tones, voice

**1. Preparation :**

- Remove front and bottom screws per Fig. 1; remove cover per Fig. 2, below

**Surface mount options: Choose one-**

- **Attachment to '1900 box'** (Not provided): Use mount holes marked "A", Fig. 3
- **Direct surface mount:** Use back plate as template, using holes marked "B", Fig. 3



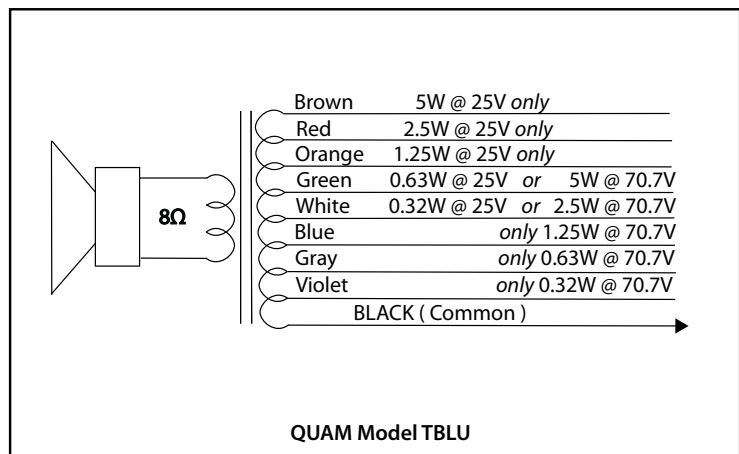
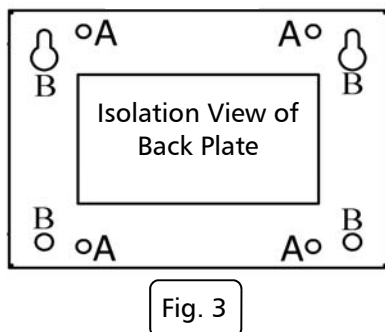
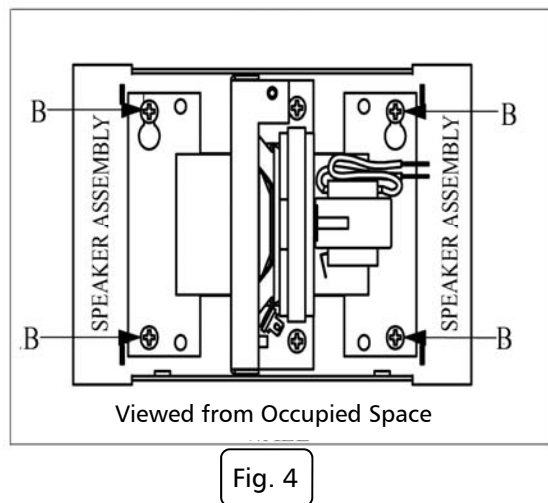
- Fasten speaker assembly to surface (Position 'B') or '1900' enclosure at Position 'A'

**2. Termination:**

- Make connections per wiring diagram below
- Insulate all unused taps from each other, the enclosure and electrical ground.

**3. Installation:**

- Place cover over assembly; re-install screws in the reverse order of step 1



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