



# Quam

## SSB-I 900

Mounting Device with  
18.0 CID Electrical Junction Box

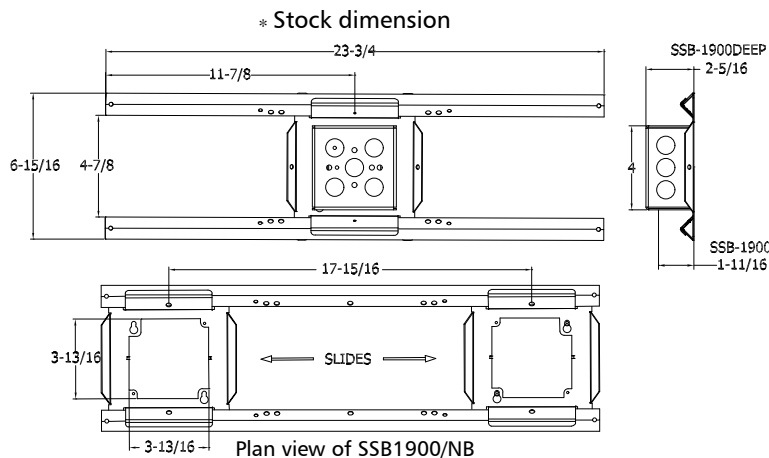
## SSB-I 900DEEP

Mounting Device with  
30.3 CID Electrical Junction Box

## SSB-I 900/NB

Mounting Device,  
Frame and rails only

### 0402 - MOUNTING DEVICES



#### GENERAL DESCRIPTION

The Quam SSB-1900 is a rust resistant steel, adjustable load bearing support with a medium depth, 18.0 CID steel '1900' electrical junction box.

The Quam SSB-1900DEEP is a rust resistant steel, adjustable load bearing support with a 30.3 CID steel '1900' electrical junction box.

The Quam SSB-1900/NB is a rust resistant steel, adjustable load bearing support without electrical junction box.

#### INTENDED USE

Parallel to floor plane in a suspended ceiling structure; maximum span of 24" in one dimension; indoor environment.

#### WARNING! NOT TO BE USED FOR FANS OR AIR-MOVERS OF ANY TYPE.

When used with devices that rotate, such as dome video cameras, the SSB-1900 must be secured to the ceiling grid; a secondary, independent tie-off must be used for the device itself.

\* 23-3/4" Stock dimension, lengths up to 48" available as a special order, please contact Factory for delivery and pricing

#### Quam-Nichols Company

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#### JUNCTION BOX ACCESS

All 4 vertical sides	2x 1/2" k/o conduit 1x 1/2"/ 3/4" eccentric k/o conduit
Top Horizontal Surface	3 x 1/2" k/o conduit (SSB-1900) 2 x 1/2" k/o conduit (SSB-1900DEEP) 2x 1/2"/ 3/4" eccentric k/o conduit

#### MECHANICAL ATTACHMENT

Bottom Horizontal	2x 8-32 formed threads to attach 2-gang Surface adapter plate if required
Tie-offs	4x Total, 1 each at end of bridge rail 2x Terminal plate

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)



## SSB-1900 / SSB-1900 DEEP / SSB-1900NB Electrical Box Support Bridge for Ceiling Tile Installations For all QUAM Bi-Directional Loudspeakers and other devices.

### INTENDED USE:

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

### WARNING! NOT TO BE USED FOR FANS OR AIR-MOVERS OF ANY TYPE.

When used with devices that rotate, such as dome video cameras, the SSB-1900x must be secured to the ceiling grid; a secondary, independent tie-off must be used for the device itself.

### 1. PREPARATION

SSB-1900/ SSB-1900 DEEP Only:

- Fig. 1, UNSCREW half-way the two screws from the baseplate; lift and slide the electrical box from base.

#### ALL MODELS:

- Fig. 2, POSITION rails and baseplate across the 24" width of the ceiling tile and determine desired location of the device. The baseplate can be moved on the rails a total of 17-15/16" of travel. Insure that the baseplate does not extend beyond the rails or the ceiling tile.
- Fig. 3, Using the inside of the baseplate as a guide, mark and cut a 3-3/4" square hole in the tile; secure baseplate and rails to tile by bending tabs into cutout as shown. Fig. 4, 5

### 2. ASSEMBLY

- SECURE electrical box to baseplate with #8-32 screws provided.
- MAKE electrical connections through electrical box and to device.
- INSTALL device to baseplate.
- INSTALL assembly in ceiling grid.

**NOTE! AHJ/ local codes may require tie-off to structure.**  
Tie-off to support rails using holes provided.

**NOTE! AHJ/ local codes may require tie-down to grid**  
create a hole in the T-bar next to the end of the support rails; secure with wire through the hole in the end of the support rail.

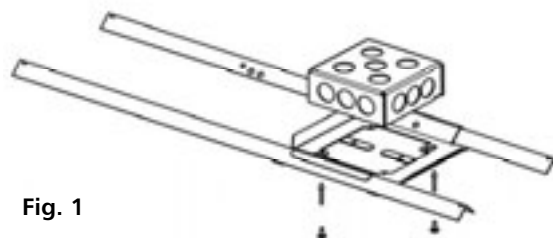


Fig. 1

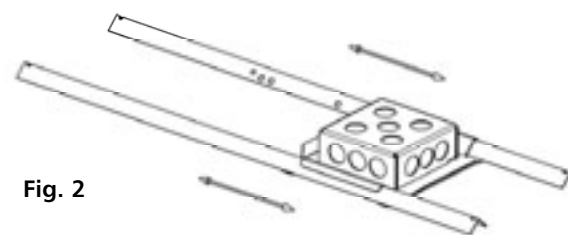


Fig. 2

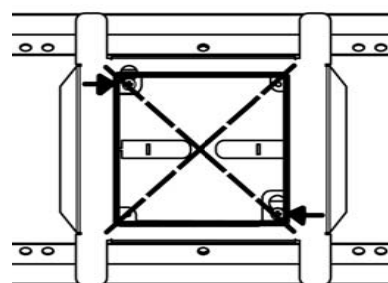


Fig. 3

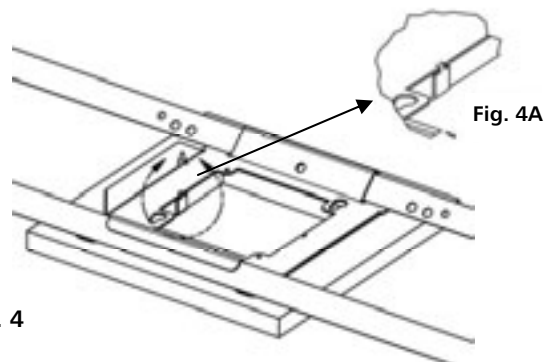


Fig. 4

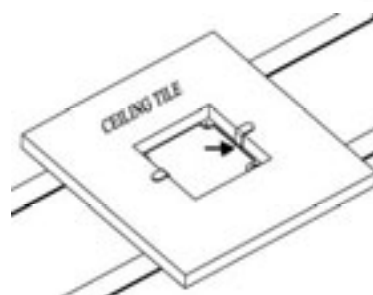


Fig. 5

Fig. 4A



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