

# AUD-BOB-1602

## 16-Channel Analog Audio Breakout Box

### 1 Introduction

The Crestron® AUD-BOB-1602 is designed for use with any combination of DMB-4K-I-HD and DMB-4K-O-HD blades. A maximum of two blades can be used. When connected to a DMB-4K-I-HD blade, the AUD-BOB-1602 provides up to eight balanced stereo inputs. When connected to a DMB-4K-O-HD blade, the AUD-BOB-1602 provides up to eight balanced stereo outputs.

**NOTE:** The DMB-4K-O-HD blade is not available at the time of publication of this document.

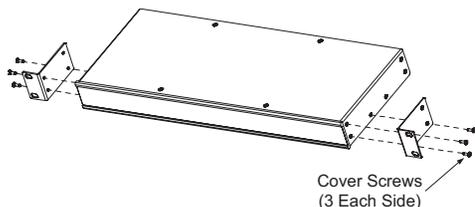
### 2 Installation

The AUD-BOB-1602 can be mounted into a rack or can be placed on a table.

#### Rack Mounting

The AUD-BOB-1602 occupies 1U in a 19-inch rack. To mount the unit into a rack, use the two supplied rack ears and do the following (refer to the illustration below):

1. Using a #1 or #2 Phillips screwdriver, remove the three cover screws closest to the front panel on the left or right side of the unit.
2. Position a rack ear so that its mounting holes align with the holes vacated in step 1.
3. Secure the ear to the unit using the three screws removed in step 1.
4. Repeat steps 1-3 to attach the remaining ear to the other side of the unit.



#### Tabletop Mounting

Four adhesive feet are supplied for tabletop mounting. Attach the feet to the four corners on the underside of the unit.

### 3 Connections

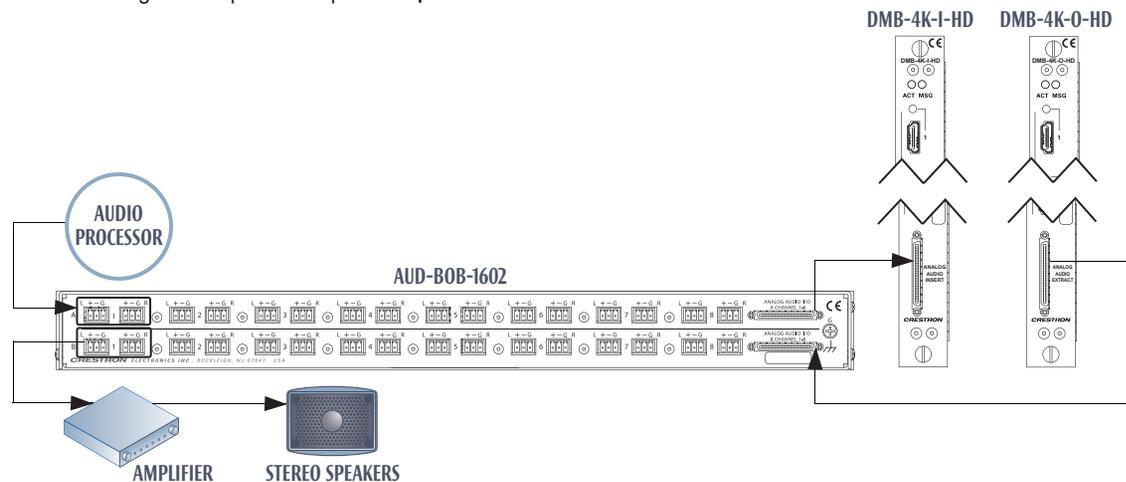
Connect the AUD-BOB-1602 as follows (refer to the illustration below for a sample application diagram):

**NOTE:** Depending on the blades to which an AUD-BOB-1602 connects, stereo pairs A1-A8 and B1-B8 on the AUD-BOB-1602 map to analog audio inputs 1-8 on a DMB-4K-I-HD blade and to analog audio outputs 1-8 on a DMB-4K-O-HD blade.

- **A1-A8:** Using balanced audio cables (not supplied), connect up to eight balanced or unbalanced stereo line level analog audio inputs or outputs.
- **B1-B8:** Using balanced audio cables (not supplied), connect up to eight balanced or unbalanced stereo line level analog audio inputs or outputs.

- **ANALOG AUDIO I/O A CHANNEL 1-8:** Using one of the two supplied VHDCI cables,\* do the following:
  - If A1-A8 are to function as analog audio inputs, connect the VHDCI cable to the ANALOG AUDIO INSERT connector on a DMB-4K-I-HD blade.
  - If A1-A8 are to function as analog audio outputs, connect the VHDCI cable to the ANALOG AUDIO EXTRACT connector on a DMB-4K-O-HD blade.
- **ANALOG AUDIO I/O B CHANNEL 1-8:** Using the other supplied VHDCI cable,\* do the following:
  - If B1-B8 are to function as analog audio inputs, connect the VHDCI cable to the ANALOG AUDIO INSERT connector on a DMB-4K-I-HD blade.
  - If B1-B8 are to function as analog audio outputs, connect the VHDCI cable to the ANALOG AUDIO EXTRACT connector on a DMB-4K-O-HD blade.

\*Model AUD-BOB-1602-CBL8 PAK includes two 8-foot CBL-VHDCI-8 cables. Model AUD-BOB-1602-CBL20 PAK includes two 20-foot CBL-VHDCI-20 cables. (Cables are also sold separately.)



The specific patents that cover Crestron products are listed at [patents.crestron.com](http://patents.crestron.com).

Crestron and the Crestron logo are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. *Crestron is not responsible for errors in typography or photography.*

This document was written by the Technical Publications department at Crestron.  
©2014 Crestron Electronics, Inc.