

The In-Wall Audition Speaker Demonstrator

Installation Instructions

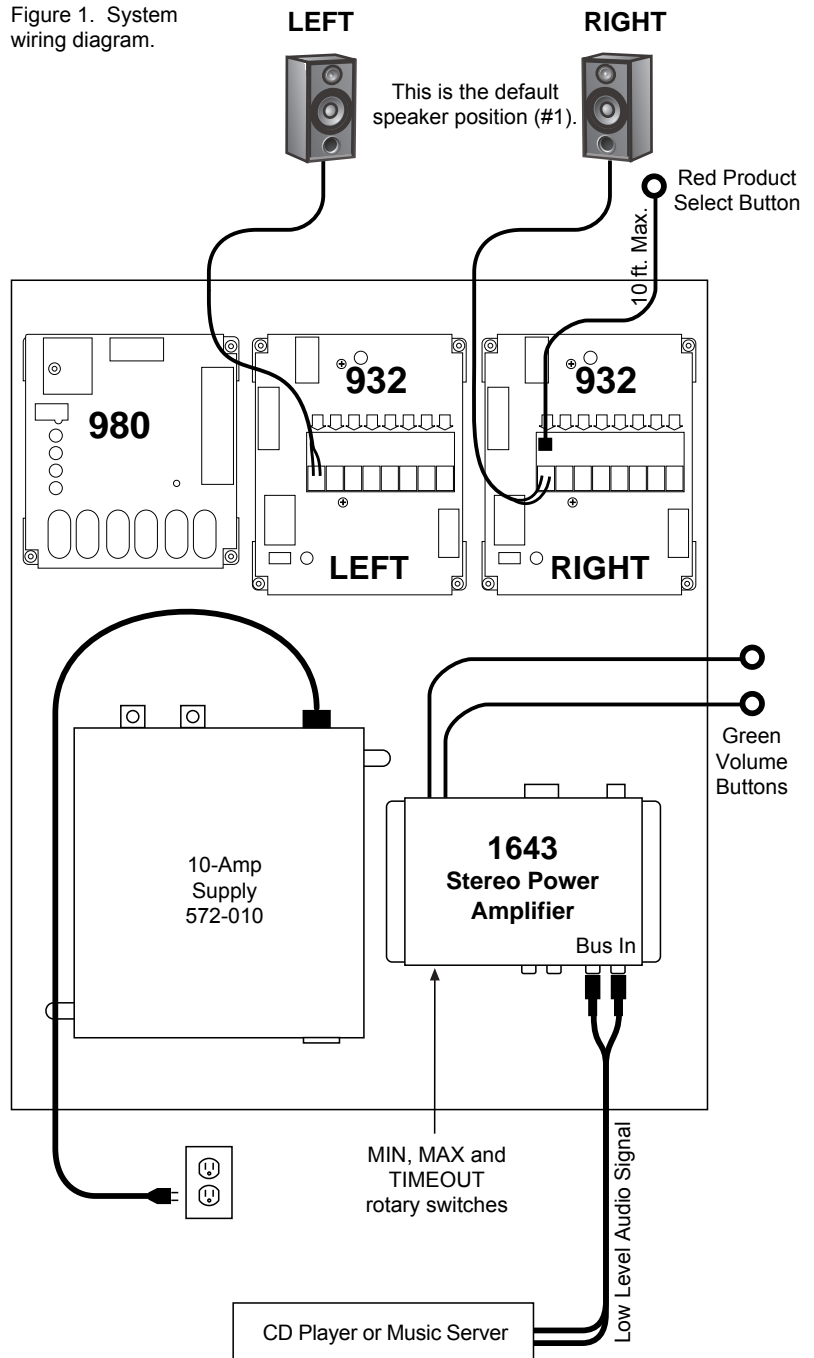
The 39-IWA is an Access Demonstration Network capable of switching up to eight speaker pairs. It includes a two-channel amplifier and product select buttons (red). The amplifier volume can be controlled using the included volume up and down buttons (green). This system can be used for any two-channel speaker presentation such as in-wall, in-ceiling, bookshelf, or outdoor speakers.

The Access system can be expanded to accommodate 16, 24, or 32 speaker pairs by adding 932 modules. It can also be controlled by a 906 control panel instead of using a button next to each speaker. A full scale, integrated switching system including multiple sources, receivers, and surround speaker systems is also possible. Call your account manager for details.

Installation

- The switch modules and amplifier are shipped mounted to a workboard. Place the workboard in a convenient location near the audio source. Be sure to allow for adequate ventilation for the audio amplifier. The workboard must be near an AC power outlet.
- The product select buttons can be mounted in the wall near the speakers or in some other easy to reach location such as a cabinet or pedestal for convenient operation. Be sure the 10 foot button cables will reach the workboard.
- Mount the product select buttons in a surface such as gypsum board or wood. The drill size is 1-1/8 inch.
- Connect left and right speakers to left and right 932 speaker output ports. The ports have removable terminals. Be sure to match the speaker positions to the product select buttons for correct operation.
- Mount the green volume up and down buttons in a convenient location and connect them to the Model 1643 amplifier as shown in Figures 1 and 2.
- Set up the amplifier for the desired demo volume levels and timeout interval (see reverse).

Figure 1. System wiring diagram.



Setting Up Volume and Timeout

The Stereo Power Amp (Model 1643, shown below) can be set up to allow both a minimum and a maximum volume, plus a default volume to which the demo will return after a preset period of time.

- Connect the music source and set it up to play through the In-Wall Audition system. Connect the workboard to power and test product selection. Press all of the product select buttons and make sure the system switches as expected.
- Use a small screwdriver to adjust the rotary switches for MIN (minimum volume) MAX (maximum volume) and DEF (default volume) to preliminary settings.
- Cycle power to the system (this must be done every time the settings are changed).
- Test the volume levels by setting the TIMEOUT to 1 (15 seconds). Use the green volume up and down buttons to achieve the highest and lowest volume levels, and then wait to observe the timeout. The demo returns to the default volume level. Adjust MIN, MAX, DEF, and TIMEOUT to suit your demonstration.

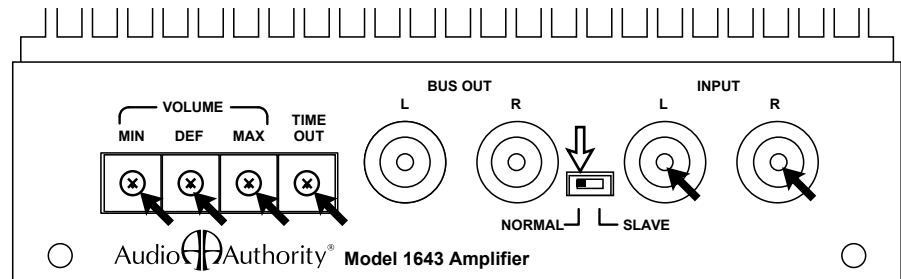
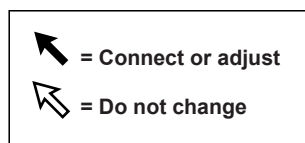
Example 1643 Switch Settings

Min: 3
Def: 0
Max: 7
Timeout: 5
Normal/ Slave: NORMAL

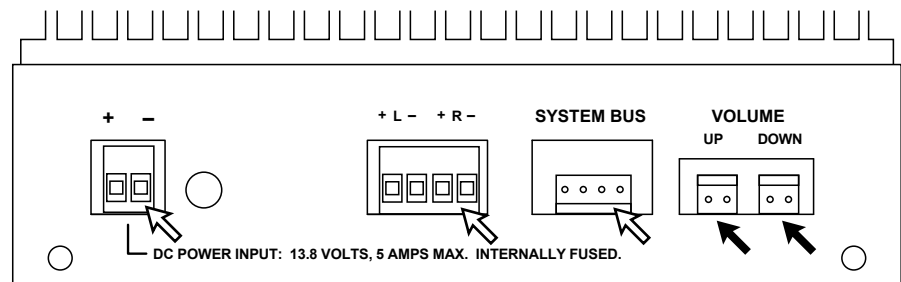
Timeout Seconds Setting to Default

Setting	Seconds to Default
0	0
1	15
2	30
3	45
4	60
etc.	

Figure 2. Model 1643 front and back panels. Setting and connection points are shown with arrows.



FRONT



BACK

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