

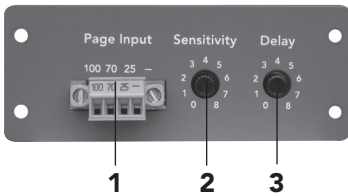
618-88-500-00 Page Override Module Installer Guide

frontrow™

1 Installation

Your FrontRow 5301R Lasso receiver/amplifier is meant to clarify and evenly distribute audio from sources within the classroom (for example, multimedia audio and the voices of teachers and students). It can be useful, however, to give priority to public address (PA) announcements that may originate in the school office from time to time. The 618-88-500-00 page override module helps you achieve this effect. When properly installed in the 5301R receiver and connected to the terminals of the classroom PA speaker, the module will mute the volume of the FrontRow 5301R receiver whenever a PA signal is present. When the PA signal is discontinued, the 5301R volume will return to normal.

This module is not intended for use with UL Listed Amplifiers For Fire Protection Signaling Systems or Control Units and Accessories for Fire Alarm Systems, Emergency Paging, Mass Notification or Life Safety to NFPA 70 National Electric Code or NFPA 72 National Fire Alarm and Signaling Code.



1. PA input terminal
2. Sensitivity control
3. Delay control

General safety precautions

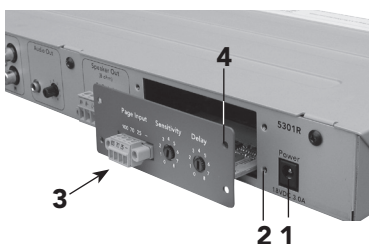
- Disconnect all electronics from power sources during installation of this module
- Do not issue pages over the PA system during installation of this module except as part of the testing and adjustment procedure
- Do not short wires between PA speaker and this module – **damage to PA system may occur!**
- Do not install or use the module near water or heat sources
- Protect all cables from wear and damage from staples, foot traffic, doors, and other hazards
- Use only accessories specified by FrontRow
- Refer installation and service to qualified personnel
- Follow all safety guidelines when using ladders
- Observe all applicable building, electrical, and fire codes when installing any electrical equipment

2 Get yourself ready

You will need the following items to install this module:

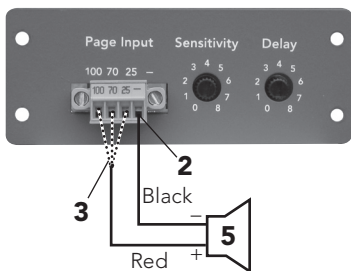
- Access to the primary side of a 25-, 70-, or 100-volt PA speaker.
- Enough speaker wire to connect between the PA speaker and the installed module. Be sure to use plenum-rated wire if it will pass through a plenum space.
- Phillips and small slotted screwdrivers
- An assistant who can make a PA announcement from the central office

3 Installation



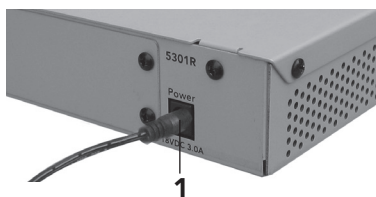
1. Install the module

1. Disconnect 5301R from power supply
2. Unscrew plate covering expansion bay of 5301R
3. Carefully insert the module into the expansion bay. The module's connector should firmly slide onto to the edge of the 5301R mother board. It should not feel at all loose.
4. Secure the module with screws



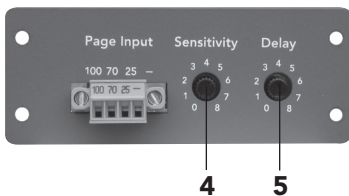
2. Connect the PA system

1. Confirm voltage of your PA system. Do not install this module unless you have a 25-, 70-, or 100-volt PA system.
2. **IMPORTANT! CONNECT WIRE AT MODULE FIRST! Failure to do so can increase risk of a short-circuit in the PA system.** Connect the black wire to the – slot in the page input terminal and secure with the connector screw
3. Connect the red wire to the slot in the page input terminal that matches the voltage of your PA system and secure with the connector screw. Confirm that the wires are not in the same slot, that no conductive material is exposed, and that there is no risk of the wires touching and creating a short circuit.
4. Run speaker cable from the module up to the PA speaker.
5. Connect speaker cable to the terminals of the PA speaker. Take care to connect the red wire to the + (red) terminal and the black wire to the – (black) terminal.



3. Test and adjust

1. Reconnect the 5301R power supply
2. Turn the receiver/amplifier on
3. Play music or some other continuous audio source through the 5301R
4. While the music is playing, have your assistant make a long announcement over the PA system. Adjust the **sensitivity control** until you just mute the music. When your assistant's announcement stops, the music should return to full audibility.
5. While the music is playing, have your assistant make several brief announcements over the PA system. Adjust the **delay control** so that the music is quickly muted when a PA announcement begins — but not so quickly that the module responds to normal pauses, false signals, etc.



4. Troubleshooting

Microphone or media audio doesn't mute when a PA announcement is made

- Verify that the sensitivity and delay controls are set properly (section 3)
- Verify that you have matched the voltage and polarity properly between the PA system and the module (section 2)
- Verify that the module is fully seated in the 5301R expansion bay

A PA announcement doesn't mute the mic/media audio fast enough

- Reduce the setting on the **delay control**

Mic/media audio cuts in and out during a PA announcement

- Increase the sensitivity on the **sensitivity control**