

Page Override Installation

For use with 25V, 70V and 100V analog paging systems. The ICR-01 Smart Receiver or CM900 will mute all audio in the room when an announcement is made over the facility's paging system. Analog page override requires a connection to the facility's PA system.

General Safety Precautions

- Disconnect all electronics from the Smart Receiver or CM900 during installation.
- Do not issue pages over the PA system during installation except as part of the testing and adjustment procedure.
- Do not install 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.
- Always disconnect the power to the ezRoom from the power outlet during installation.

Confirm voltage of your PA system. Do not install unless you have a 25-, 70-, or 100-volt PA system.

1. Using wire nuts, extend the white and black wires from the split core transformer with enough 18 - 22 AWG wire to reach from the PA speaker to the ezRoom. Using the Phoenix Connector, connect the white wire from the split core transformer to the "+" side of the page input/override terminal on the Smart Receiver or CM900 and secure with the connector screw. Connect the black wire from the split core transformer to the "-" slot in the page input/override terminal and secure with the connector screw.
2. Open the split core transformer.
3. Wrap the **primary** side (the side that connects to the PA amplifier) wire from the PA speaker around the split core transformer. Depending on the voltage of your PA system, follow the guide below for how many times to wrap wire around split core transformer.

IMPORTANT! Wrap ONLY the primary wire around the split core transformer.

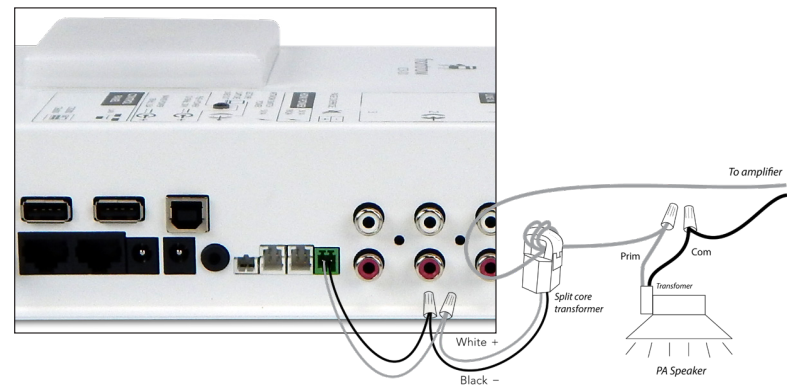
- **100-volt: Wrap 1–2 times**
- **70-volt: Wrap 2–3 times**
- **25-volt: Wrap 3–4 times**

4. Close the split core transformer.

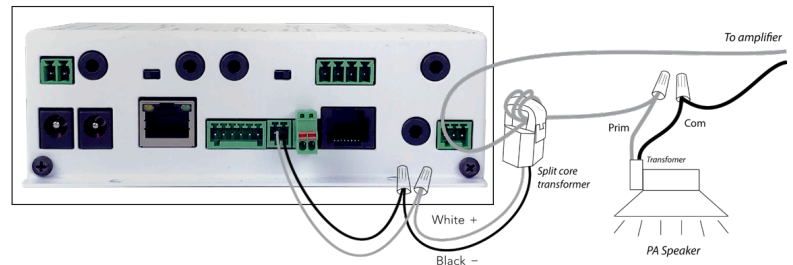
You will need the following to install this module:

- Access to the primary side of a 25-, 70-, or 100-volt PA speaker (the side that connects to the PA amplifier).
- Two (2) wire nuts.
- Enough wire to connect between the PA speaker and the ezRoom (18 AWG to 22 AWG stranded twisted pair with outer jacket recommended). Be sure to use plenum-rated wire if it will pass through a plenum space.
- One small slotted screwdriver.
- An assistant who can make a PA announcement from the central office.

ICR-01 Smart Receiver

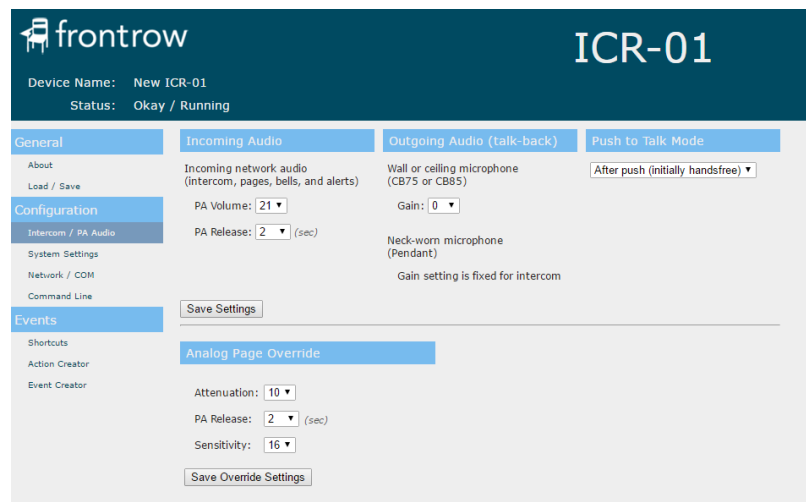


CM900



Test and Adjust

1. Reconnect the power supply to the ezRoom.
2. Play music or some other continuous audio source through the amplifier.
3. While the music is playing, have your assistant make a long announcement over the PA system.
4. Using the device configuration pages:*
- a. Adjust the **sensitivity** until you just mute the music. The lower the setting, the lower the sensitivity will be. When your assistant's announcement stops, the music should return to full volume.
- b. Adjust the **PA Release** to set how quickly the in-room audio returns to its previous level after the announcement is complete.
- c. Set the **attenuation** level (ICR-01 only), applied to the audio in the classroom when an announcement is made. The default setting (10) mutes the in-room audio when an announcement is made.



* For information about accessing the browser-based configuration pages, see the *Smart Receiver Installer Guide*, *CM900 Installation Guide*, or *Voice & Alert Setup Guide (ELEVATE)*, found in the *Guides and Resources* section of the FrontRow website at gofrontrow.com/guides-resources.