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**Everclear Intercom**  
**Changing Master Station Priority**  
**Technical Service Bulletin 080106**

When there are multiple master stations in a system, such as a Lobby Master and a Machine Room Master, one must have priority because only one can communicate at a time. The #1 priority master will always work. The #2 priority master will work only when the #1 priority master is not on. This applies to all Everclear intercoms with a RLY1 selector board.

Wiring diagrams for Everclear intercoms currently show wiring the Lobby Master into the #1 priority, which code interpretation favors. An issue arises if the Machine Room Master is the #1 priority and is left on, none of the other master stations will be able to communicate.

If you want to reset the priority, the change needs to be made on the selector board labeled JF-RLY1 in the controller. Wiring must be changed in 2 places – the input terminal strips and the power supply terminal strip.

(1) There are 2 input terminal strips for connecting wiring from the master stations. Whichever master station is wired to the Master 1 terminal strip has priority. Four wires go into each terminal strip – PWR (power), COM (Common 12V-), T/L (Talk/Listen) and AUDIO. To change the priority, reverse the wiring between the Master 1 and Master 2 terminal strips.

(2) The wires on the Power Supply 12V+ terminals also need to be reversed. Reverse the wires between Master 1+ and Master 2+.

If you fail to change the wiring in both places, you will set up a relay race that will cause buzzing and damage.

***FOR 3 MASTER STATION SYSTEMS***

A 3-master Everclear intercom has 2 RLY1 selector boards side-by-side in the controller, which are cascaded. The Master Station with the highest priority must be wired to the Master 1 terminal strip on Board #1. The output from Board #2 is wired into the Master 2 terminal strip on Board #1.

The Master Stations with the 2<sup>nd</sup> and 3<sup>rd</sup> priority are wired to Selector Board #2. The Master Station with #2 priority is wired to Master 1 terminal block and the Master Station with #3 priority is wired to the Master 2 terminal block.

The 12 volt + for Master Station #1 is wired to the Power Supply Terminal block on Selector Board #1, Master 1+ terminal

The 12 volt + for Master Station #2 is wired to the Power Supply Terminal block on Selector Board #2, Master 1+ terminal

The 12 volt + for Master Station #3 is wired to the Power Supply Terminal block on Selector Board #2, Master 2+ terminal.