

NOTE: The standard OR603 (or OR603W) remote station comes out of the box as a 3-wire remote station. In order to use this remote with a PK543 powered system, you need to modify the OR603 to be a 4-wire remote station. Use this modification guide to assist you in modifying and wiring these remotes correctly. All terminals and connections are shown from the rear of the station.

BEFORE THE MODIFICATION

This is what the station connections look like before doing the modification. Please note the terminals marked 'A', 'G' and 'Z' (for 3-wire systems).



This wire (connected to the 'G' connection) gets cut at the PC Board end and the loose wire becomes the new 'G' connection. This wire gets connected to 'G' on the PK543 amplifier. Try to cut the wire to keep it as long as possible.

The 'Z' screw terminal remains as-is and gets connected to 'Z' or 'ZW' on the PK543 amplifier (depending upon which tone sound you prefer), steady or warble.

AFTER THE MODIFICATION

This is what the station connections look like after doing the modification. Please note the terminals marked 'A', 'G', 'Z' and 'X' (for 4-wire systems).



The former 'G' screw terminal is now called 'X' and gets connected to 'X' on the inside intercom station(s).

The 'A' screw terminal remains as-is and gets connected to 'A' on the PK543 amplifier.



INSTALLATION GUIDELINES and GENERAL INFORMATION:

1. See the specific system wiring diagram for the balance of the wiring connections required.
2. All low voltage wiring is #22 AWG, unless otherwise noted.
3. Observe all local and national electrical and building codes.



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TYPICAL MODIFICATIONS FOR THE OR603 and/or OR603W REMOTE

Station showing how to modify the station to be used as a 4-wire type remote for PK543 powered system.