



TECHNICAL ALERT

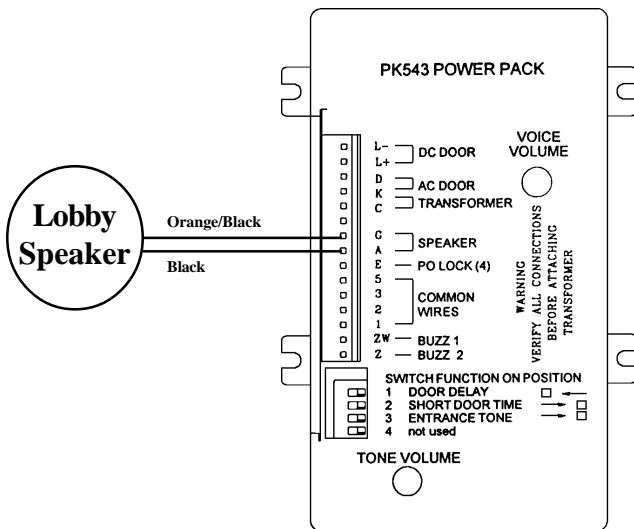
May 16, 2002

PK543 Amplifiers and Lobby Speakers

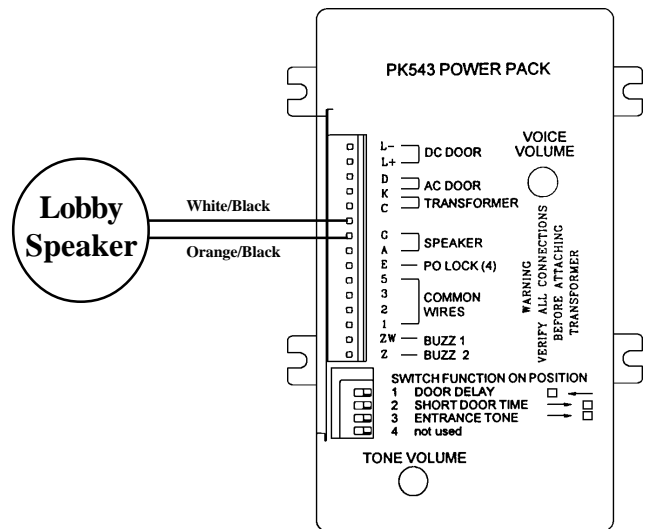
Recently we have had a number of customers call us and tell us that they received lobby entry panels with 'bad speakers'. After an exhaustive investigation, we found the problem was not 'bad speakers', but a problem with the way some installers wired the speakers to the PK543 amplifiers.

Here is what is happening.... on the newest PK543 amplifiers a new wire has been added to the wiring harness between the Orange and Orange/Black wires. This new wire is a White wire with a Black stripe. This White/Black wire is shown on the newest (IL487) wiring diagrams as terminal 'V', although the PK543 plastic cases were not yet printed with this new terminal 'V' between the 'C' and 'G' terminals. This White/Black 'V' wire is used only when the LI404B apartment strobe is connected to the PK543 amplifier, and is probably not used in 90+% of all installations. The correct way to connect the lobby speaker to the PK543 is to terminal 'G' and 'A' (Orange/Black and Black respectively). If the installer accidentally connects the lobby speaker to 'V' and 'G' (White/Black and Orange/Black respectively), even for a moment, the lobby speaker will blow, and there will be no voice on the system. Changing the speaker corrects this problem, and the PK543 is usually not harmed by the mis-wiring.

We have begun to place a warning label on the White/Black 'V' wires on PK543's we are now shipping in the hopes of avoiding this problem from now on. Please advise your installers of this situation right away. Thank you.



THE RIGHT WAY



THE WRONG WAY