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# INSTALLATION INSTRUCTIONS

## XCARD 1-ZONE PCB CARD FOR THE EXP9

The Xantech XCARD is an individual zone PCB card for use in the EXP9 Zone Expander. It allows field expansion to more zones if the EXP9 was initially bought with less than the full 9 cards factory installed (i.e. the client later requests more zones). The XCARD can also be used as a field replacement for the zone cards in both the ZPR68-10 and the EXP9.

To install the XCARD(s), proceed as follows:

1. If the EXP9 is connected to a ZPR68-10 with the ribbon cables, unplug the ribbon cables at the EXP9 end.
2. Be sure the EXP9 is **not** powered (unplug the power supply from the EXP9).
3. Remove the top cover by removing the five screws on each end of the EXP9 and the screw just under the Video jacks on each of the existing Zone Outputs. Carefully lift the cover off.
4. Remove the screws that secure the cover plates of the unused zone slots where you wish to insert the zone XCARD(s). Discard the unused plates.

**CAUTION:** The zone XCARD(s) can be damaged by electrostatic discharge. It is recommended that you use a grounded antistatic wrist band when you are handling and inserting the XCARD(s).

**WARNING:** Damage caused by electrostatic discharge is not covered under the Xantech warranty!

5. Remove the new XCARD(s) from their packaging and carefully insert them into the desired slots on the main PCB.

Be sure to accurately align the pins on the XCARD(s) to the pin holes on the slot connector. Refer to a previously installed card for orientation and placement.

Exert an even downward pressure until the card(s) are fully seated.

6. Reassemble the top cover onto the unit.  
Be sure to carefully align the holes in the top cover with the jacks and the LEDs on all the PCB's before pressing it down into place and replacing the screws.