

## Installation of Multiplex Zone Expander Boards on Honeywell FBII and Ademco Controls

Applicable Panels: FBII XL-4, XL-4B, XL-4C, XL-5 series, ADEMCO VISTA-40, 50P, 100, 128, 250 series controls.

Multiplex expansion is a Free Topology technology, allowing wiring to be installed as a single loop, in a star configuration, T-tapped or any combination using a single pair or wires. Twisted pair is recommended, shield wire is not required, however if it is used the maximum wiring length is reduced by half.

Zone expansion modules such as the 4208, 4190, 4708, etc, can be mounted/installed in the panel can, in their own can, or free standing on the wall, above the ceiling, or in a gang box. There are no restrictions except to keep at least 6" away from AC power, telephone, or intercom wiring.

For UL Listed Commercial Burglary Usage expansion devices must be mounted in a tamper protected enclosure such as the control panel cabinet.