

INSTALLATION INSTRUCTIONS

EXP-8

Description:

A multiplexed 8 relay output expansion board for compatible apex control panels. Relays can be individually controlled by telephone or a system keypad. Control panel programming permits automatic operation based on system events or time of day.

Specifications:

8 dry contact relay outputs with normally open and normally closed terminals.
Contact rating: 10 AMP@120VAC

Power:

Current draw - 300mA
Source - 4 wire bus
Operating voltage - 9.5 to 14V DC

Wiring:

Observing proper color code, attach the EXP-8 to the 4 wire bus using four-wire stranded cable. For wire runs up to 50 feet, 24 gauge wire is recommended and for runs over 50 feet use 22 gauge. An EXP-8 can be wired directly to the control panel or daisy chained to any other 4 wire bus peripheral in the system.

Dip Switches:

Depending on control panel support, up to 4 EXP-8's can be per panel. Consult your installation manual to determine the number of supported EXP-8 outputs.

EXP-8 #	Switch 1	Switch 2	Switch 3	Switch 4
1	On	On	On	On
2	Off	On	On	On
3	On	Off	On	On
4	Off	Off	On	On

Programming:

Consult the Control Channel segment of the Control Panel Installation Manual for programming information.

LED- 1:

The green power LED on the EXP-8 indicates power and activity of the four-wire bus. When the EXP-8 is operating correctly the LED should have a consistent flash that is often interrupted by flashing at twice the normal rate. This indicates signaling on the four wire bus. If the LED flashes at a constant rate and no devices in the system are operating, check all four-wire bus connections. If the problem persists, contact technical support at 800-272-7937.