704 LOOP EXPANDER

Description

The 704 Loop Expander allows you to increase the number of protection loops available on DMP 1512, 1812, and 1912 Command Processor panels. The 704 provides an additional four Style A burglary loops and connects to the panel in parallel with keypads and other loop expanders.

The 704 Loop Expander can be installed on individual wire runs up to 500' from the panel using 22 gauge wire or up to 1000' using 18 gauge wire.
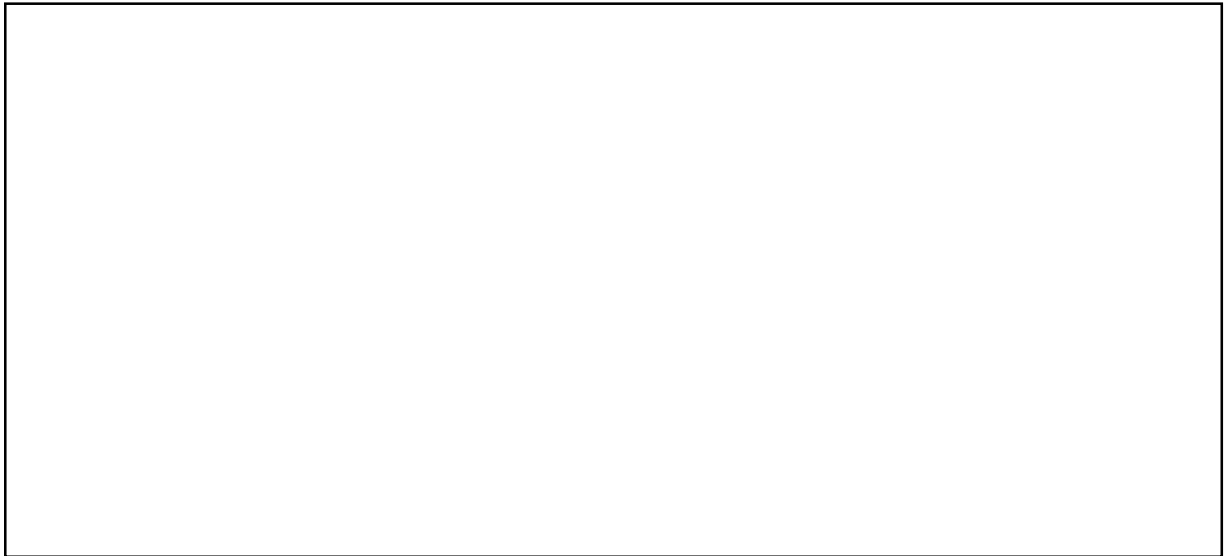
Figure 1: Panel and device connections to the 704

Address Programming

All DMP panels support both keypads and loop expanders on the same serial data bus. Devices connected to the data bus are addressed through the slide switches on their circuit boards. Protection loops on the 704 Loop Expander can be individually assigned to any active area in the system.

The descriptions below show differences in 704 addressing for each of the command processor panels.

The 1512 Command Processor supports up to two 704 loop expanders. These can be assigned to address 1 and 2 only.

The 1812 Command Processor supports up to seven 704 loop expanders. These can be assigned to addresses 2 to 8 only.

The 1912 Command Processor supports up to four 704 loop expanders. These can be assigned to addresses 1 to 4 only.

Figure 2: Device address switch settings

Do not assign address one to the 704:
The 704 Loop Expander should not be assigned address number one when used with the 1812 Command Processor. This address is reserved for an alphanumeric keypad to allow system programming.