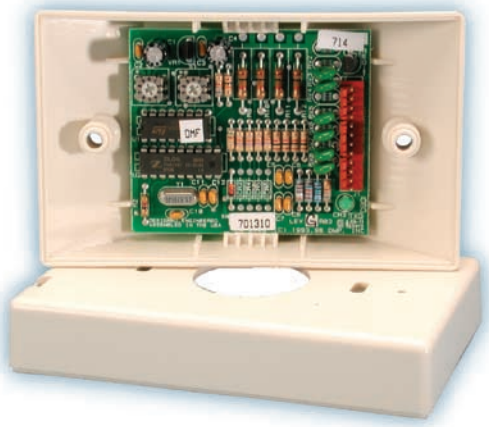
SPEC SHEET

Simple Expansion Solutions



Expand your DMP Command Processor™ panel options with a wide array of expansion modules.

- Add supervised Class B burglary zones.
- Connect non-powered burglary or fire type devices for intrusion, glassbreak, and motion detection.
- Add 12 VDC zones for addressable 2-wire smoke detectors with 715 moduels.

ZONE EXPANSION MODULES: SINGLE AND MULTIPLE POINT

ZONE EXPANSION MODULE FEATURES

- Provides Class B zones for burglary and fire
- Compatible with DMP Command Processor Panels that allow zone expansion
- Suitable for mounting near protection devices
- Connect devices using 4-wire bus
- Easily mount attractive cases on wall or 3-gang box
- Compatible with all panel zone types
- Easy connection to 4-wire keypad or LX-Bus™
- Proven design ensures stability and performance
- Data LED on zone expander indicates good panel communication
- Durable and attractive plastic or metal housing
- Low current draw
- Can be powered from panel or auxiliary power supply

ZONE EXPANSION MODULES

USE ON THE DMP LX-BUS™

The modules can be used on the LX-Bus™ of DMP Command Processor™ Panels. The modules connect to the 4-wire bus and use only one zone address. To assign an additional zone expander use the next available zone address.

CONNECT TO KEYPAD BUS

You can also use the modules as an addressed device on the keypad data bus of DMP Command Processor panels.

Simply set the module to an available keypad address and connect the wiring to the appropriate screw terminals.

SIMPLE ADDRESSING

Address the 711, 714, 714-8, 714-16, 715, 715-8, 715-16, and 725 modules by setting two on-board rotary switches with a small screwdriver. The 712-8 uses slide dip switches.

EASY INSTALLATION

Zone Expansion Modules are mounted in a decorative plastic housing suitable for installing outside the panel enclosure, such as on walls or single gang boxes. After all wiring connections are made, the cover snaps on to form tight-fitting protection against incidental contact or tampering.

714-8, 714-16, 715-8, and 715-16 Zone Expanders are housed in a rugged, 20-gauge, cold-rolled steel enclosure.

You may also mount the 708, 710, 710F, and 725 modules inside a DMP enclosure using the 3-hole configuration and the provided standoffs. The 712-8 only mounts using the 3-hole configuration and provided standoffs.

ZONE PROGRAMMING

Program the zone on the modules with any of the panel's available zone types for use in burglary applications including Arming type zones when used with keyswitches.

The expansion zones are programmable for annunciation on DMP keypads connected to the panel. Each zone can also be individually programmed to report alarms, troubles, and restorals to remote DMP SCS-1R Receivers.

708 BUS EXTENDER MODULES

The 708 Bus Extender Modules allow you to increase the length of wire used to run an LX-Bus or keypad bus by a maximum of 4,000 feet, while providing immunity to noise on the wires. The 708 Bus Extenders are received from the factory as a pair of modules that connect between the panel and LX-Bus or keypad bus devices.

Use the 708 Modules for applications that include running wire over long distances, through noisy environments, or where the bus is bundled with other wires, such as telephone company wire. The 708 Extender can be used on all DMP panels.

708 FEATURES

- Extends Keypad Bus or LX-Bus by 4000 feet with one pair of modules
- Connects to an auxiliary power supply for added power
- Uses existing wire: No need to run additional wire
- Allows twisted pair and/or shielded wire between the 708 modules

710/710F BUS SPLITTER/ REPEATER MODULES

The 710 and 710F Bus Splitter/Repeater Modules allow you to expand the typical LX-Bus or Keypad bus installation both in the number of devices and the length of the wire used. Each 710/710F Module provides three bus connections each up to 2,500 feet. When using multiple modules, the total distance of all circuits can be an incredible 15,000 feet!

710

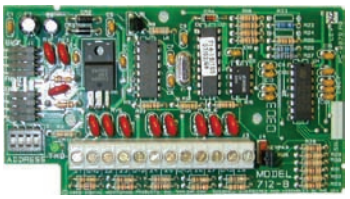
As a splitter, the 710 provides superior mechanical wire connecting capability for up to three additional 12 VDC LX-Bus or keypad bus circuits. This makes the 710 module an excellent junction box when terminating multiple LX-Bus/keypad bus runs at one location. As a repeater, the 710 module can be installed at the end of an LX-Bus or keypad bus circuit to allow an additional circuit to be added, thus increasing the total wire length.

710F

As well as providing all of the functions of the 710 listed above, the 710F also allows you to use the 725 Zone Expander to expand the number of 24 VDC zones. The 710F Bus Splitter/Repeater allows the connection of a 24 VDC power supply to the 725 to power smoke detectors and isolate the 24 Volt source from the panel. Therefore, the 710F must be used when using the 725 Zone Expander.

712-8 ZONE EXPANSION MODULE

Expand your system at an affordable price! You can connect non-powered burglary devices to DMP Command Processor panels using the 712-8 Module. The 712-8 Module is compatible with many intrusion contacts, glassbreak detectors, motion detectors, and intrusion detectors.



712-8 FEATURES

- Eight grounded, addressable burglary zones
- Set jumper for LX-Bus or Keypad bus operation
- Compatible with all DMP Command Processor panels
- Expand systems by daisy chaining a second 712-8
- Easily address using dip switches
- Snaps into panel enclosure using 3-hole pattern
- Separate zone 1K End-of-Line resistors included

714/715 ZONE EXPANDERS

The 714 contains four Class B burglary zones and is suitable for use with burglary and fire devices that are normally opened or normally closed. Individual zones are supervised with 1k Ohm EOL resistors and can be programmed with any burglary or fire zone type.

The 715 contains four Class B powered zones and is suitable for use with 12 VDC, 2-wire smoke detectors and non-powered fire or burglary devices. Individual zones on the 715 are supervised with a 3.3k Ohm EOL resistor and can be programmed with any burglary or fire zone type.

OPTIONAL ACCESSORIES

The standard wiring harness can be replaced with the optional 718T Plug-in Screw Terminal.

The enclosure can also accommodate the 719T Terminal Boards for the 714 or the 720T Terminal Boards for the 715, which pass through the wiring of the panel's LX-Bus. 1K EOL resistors are included with the 719T and 3.3K resistors are included with the 720T.

714/715 FEATURES

- Four protection zones on each module
- Comes with 12-conductor wire harness
- Optional 12-position screw terminal

714-8, 714-16, 715-8, AND 715-16 DESCRIPTION

The expanders are housed in a Model 340 locking metal enclosure suitable for mounting in a remote location. Each expander provides screw terminal strips for zone inputs and data bus connections, a two position jumper to designate connection to the keypad bus or the LX-Bus, and an LED to indicate communication with the panel. Separate zone End-of-Line resistors are included with each expander.

714-8/714-16 EXPANDERS

The 714-8 Expander contains 8 Class B zones. The 714-16 Expander contains 16 Class B zones. Both are suitable for use with normally open or normally closed burglary and fire devices. Individual zones are supervised with a 1k Ohm EOL resistor and can be programmed as any zone type.

715-8/715-16 EXPANDERS

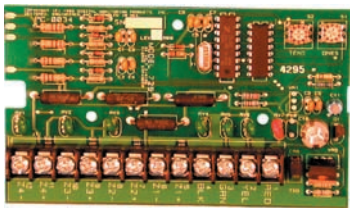
The 715-8 Expander contains 8 Class B powered zones. The 715-16 Expander contains 16 Class B powered zones. Both are suitable for use with 12 VDC 2-wire devices, such as smoke detectors or with non-powered fire or burglary devices. Individual zones are supervised with a 3.3k Ohm EOL resistor and can be programmed as any zone type.

714-8, 714-16, 715-8, AND 715-16 FEATURES

- 8 or 16 protection zones per expander
- Durable metal enclosure housing with lock and key
- Individual screw terminals accommodate 14 to 22 gauge wire for easy connection
- Suitable for mounting in a remote location

725 24 VDC EXPANSION MODULE

The 725 provides four 24 VDC powered zones that enable you to connect 2-wire smoke detectors to the XR500 Series, XR2500F, XR200, and XR200-485 Command Processor Panels. As a result, the 725 provides you the flexibility to retrofit a 24 Volt system without the need to run more wire or change to 12 Volt smoke detectors.



725 FEATURES

- Provides four 24 VDC zones
- Sensor reset performed through panel relay or 716 Output Expander
- Powered from 24 VDC power supply
- Supervised operation
- 24 Volt surge protection from 710F
- Provides ability to use 24 VDC 2-wire smoke detectors
- Easily mounted in 3-hole pattern

711 DESCRIPTION

The 711 Zone Expansion Module connects to the panel's 4-wire keypad bus or LX-Bus and are set to an address that determines the reporting zone number. The 711 provides one Class B zone for the connection of detection devices.

711 FEATURES

- Single-zone expander
- Rugged screw terminals accommodate 14 to 22 AWG
- Board fits in Radionics POPIT housing
- Easy rotary switch addressing

ZONE EXPANSION MODULE COMPARISON CHART

Refer to the chart below for a comparison of the features for each DMP Zone Expansion Module.

Module	Address	Number of Zones	3-Hole	Plastic Case	Operating Voltage	Compatible Panels
708	N/A	N/A	Yes	Yes	12 VDC	All DMP
710	N/A	N/A	Yes	Yes	12 VDC	
710F	N/A	N/A	Yes	Yes	12 VDC	
712-8	Dip Switch	8	Yes	No	12 VDC	XR500 Series, XR2500F, XRSuper6, XR20, XR40, XR200, XR200-485
711	Rotary	1	No	Yes	12 VDC	
714	Rotary	4 Class B	No	Yes	12 VDC	
714-8	Rotary	8 Class B	No	Metal Enclosure	12 VDC	
714-16	Rotary	16 Class B	No	Metal Enclosure	12 VDC	
715	Rotary	4 Class B	No	Yes	12 VDC	
715-8	Rotary	8 Class B	No	Metal Enclosure	12 VDC	
715-16	Rotary	16 Class B	No	Metal Enclosure	12 VDC	
725	Rotary	4 24 VDC Class B	No	Yes	24 VDC	XR500 Series, XR2500F, XR200, XR200-485

MODULE SPECIFICATIONS

708 SPECIFICATIONS

Operating Voltage	8.8 to 15.0 VDC
Operating Current	20mA Per Pair
Dimensions	4.5” X 2.75” X 1.75”
Maximum Distance	4,000 feet between the two 708 Modules

710/710F SPECIFICATIONS

Operating Voltage	8.8 to 15.0 VDC
Operating Current	
710	30mA
710F	40mA
Dimensions	4.5” X 2.75” X 1.75”
Distance	2,500 feet (one module), 15,000 feet maximum

711 SPECIFICATIONS

Operating Voltage	8.8 to 15.0 VDC
Operating Current	
Average	7mA + 1.6mA per active zone
Alarm	7mA + 2mA per zone in alarm
Zone Voltage	5 VDC (1.6mA across EOL)
Dimensions	4.5” X 2.75” X 1.75”

712-8 SPECIFICATIONS

Operating Voltage	8.8 to 15.0 VDC
Current Draw	17mA + 1.6mA per active zone 17mA + 2mA per zone in alarm
Dimensions	4.5” H x 2.5” W

725 SPECIFICATIONS

Operating Voltage	24 VDC Nominal
Average Current	8mA + 4mA per active zone
Alarm Current	8mA + 4mA per active zone + 30mA per smoke in alarm + 47mA per shorted device
EOL Resistor	Model 316 6.8k EOL

714/715 SPECIFICATIONS

Operating Voltage		8.8 to 15.0 VDC
Operating Current		
714	Average	7mA + 1.6mA per zone
	Alarm	7mA + 2mA per zone
715	Average	7mA + 4mA per zone + 0.1 per 2-wire smoke
	Alarm	7mA + 58mA per shorted zone + 0.1 per 2-wire smoke + 30mA per smoke in alarm
Dimensions		4.5” X 2.75” X 1.75”

714-8, 714-16, 715-8, AND 715-16 SPECIFICATIONS

Operating Voltage		8.8 to 15.0 VDC
Operating Current		
714-8/16		
	Average	20mA + 1.6mA per zone
	Alarm	20mA + 2mA per zone
715-8/16		
	Average	20mA + 4mA per zone + 0.1 per 2-wire smoke
	Alarm	20mA + 58mA per shorted zone + 0.1 per 2-wire smoke + 30mA per smoke in alarm
Enclosure		20-Gauge cold-rolled steel
Dimensions		12.5” W x 11.5” H x 3.5” D
714-8/-16 Color		Gray
715-8/-16 Color		Red

LISTINGS AND APPROVALS

Refer to the appropriate panel programming and installation guide for specific compliance listings for installation and programming requirements necessary to meet a particular approval.

Underwriters Laboratories (UL) Listed
California State Fire Marshall (CSFM)
New York City MEA accepted (711, 714, 715 only)

For additional information, access www.dmp.com and select Compliance.

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