716 Output Expansion Module &
717 Graphic Annunciator Module

- The 716 Output Expansion Module provides four independently programmable Form C relays and four zone-following annunciator outputs in a variety of remote annunciation and control applications. The 717 Graphic Annunciator Module provides 20 zone-following, open collector annunciator outputs.

- Connect multiple 716 and 717 Modules to the LX-Bus™ of the DMP XR150/XR550 Series Panels for up to 500 auxiliary relays (716 only) and 574 outputs. This capability allows you to provide an annunciator output for each zone of the system.

FEATURES

- Open collector annunciator outputs on each module: four outputs on the 716 and 20 outputs on the 717

- Individual relay programming

- Individual relay annunciation

- Supervised or unsupervised operation

- Powered from panel or auxiliary power supply

- Status LED indicates good communication with the panel

- Annunciator outputs follow zone states

- Easy rotary addressing; no difficult binary switches

- Durable plastic housing

716

- Suitable for mounting near protection devices

- Comes with 20-conductor plug-in harness

- Users can operate relays through selected schedules, manually through the keypad, or automatically from programmed status indications or zone activations

- Four independent Form C relays on the 716 Module

- Four open collector annunciator outputs

717

- Annunciates normal, alarm, trouble, wireless low battery and missing battery, and bypassed zone conditions

- Suitable for mounting near annunciation devices

- Each output can switch up to 50 mA of current

- Simple wiring to rugged terminal block

- Twenty open collector annunciator outputs

ANNUNCIATOR OUTPUTS

The annunciator outputs on the 716 and 717 modules follow the armed or bypassed state of zones having the same device address. Annunciator outputs allow remote indication LEDs or control relays to follow activity on any of the zones on the panel.

As an example, a 717 set to address 00 allows the outputs to follow zones 500 to 519. If the 717 is set to address 20, the outputs follow zones 520 to 539. This configuration makes it simple to assign addresses to 716 and 717 modules without overlapping zone numbers.

716 FORM C RELAYS

Each of the four Form C relays on the 716 can be assigned to any output option on the panel. These options are programmed with an output number that corresponds to the module's address setting. For example, programming Output #520 as a Phone Trouble Output allows a trouble on the panel phone line to trip relay #1 on a 716 module set to address 20.

LX-BUS CONNECTION

The 716 and 717 modules connect to the onboard LX-Bus. This capability allows the modules to be installed throughout the protected premises without any special wiring.

SUPERVISED AND UNSUPERVISED OPERATION

Easily supervise the 716 and 717 modules by programming a panel zone to indicate a loss of communication with the module. In this mode, each module has its own supervisory zone number that identifies it at the keypad and monitoring center.

Unsupervised operation allows you to install one or more 716 and 717 modules on the same address for multiple annunciators.

SIMPLE ROTARY ADDRESSING

For ease of use, the 716 and 717 modules contain two rotary switches you can easily turn with a small screwdriver to assign the module to a device address.

ATTRACTIVE PLASTIC HOUSING

The 716 and 717 modules mount in a decorative plastic housing suitable for installing outside the panel enclosure on walls or on single gang boxes. After making all wire connections, the cover screws on to form tight-fitting protection against incidental contact or tampering.

EASY INSTALLATION AND SERVICE

Installers and service technicians will appreciate the advanced design of the modules. It allows them to easily remove and connect wiring, set the address, and verify the module is communicating with the panel using its built-in Status LED.

System Specifications

716

Operating Voltage	8.8 to 15.0 VDC
Operating Current	7 mA idle + 28 mA per active relay
Form C Relay Contact Rating	1 Amp at 30 VDC
Switched Ground Rating	50 mA maximum each output
Enclosure Dimensions	4.5" × 2.75" × 1.75"
Module Weight	0.25 lbs

717

Operating Voltage	8.8 to 15.0 VDC
Operating Current	10 mA + 1 mA per active output
Switched Ground Rating	50 mA at 50 Volts Max each output
Enclosure Dimensions	4.5" × 2.75" × 1.75"
Module Weight	0.25 pounds

Panel Compatibility

XR150/XR550 Series

Listings and Approvals

California State Fire Marshall (CSFM)

New York City (FDNY COA #6055)

Underwriters Laboratories (UL) Listed (716 and 717)

ANSI/UL	365	Police Connected Burglar
ANSI/UL	464	Audible Signal Appliances
ANSI/UL	609	Local Burglar
ANSI/UL	864	Fire Protective Signaling
ANSI/UL	985	Household Fire Warning
ANSI/UL	1023	Household Burglar
ANSI/UL	1076	Proprietary Burglar

Underwriters Laboratories Canada (ULC) Listed (716 only)

ULC Subject-C1023	Household Burglar
ULC/ORD-C1076	Proprietary Burglar
ULC S304	Central Station Burglar
ULC S545	Household Fire

For additional information, go to DMP.com/Compliance.