

## MUXPAD II – RF POLLING RADIO

### Features

- Serial interface to addressable Fire Alarm Control Panel (FACP) and/or dry contacts for conventional fire panels
- Eight zone supervised EOL inputs with expansion capability for external 32-zone supervised inputs
- Mix or match Muxpad II with Digitize DGM panels
- Form C Relay on Muxpad II can be turned on/off or momentary with relay control option on the System 3505 Prism LX™.
- AC and/or DC power
- Step-down transformer and built-in battery charger
- Monitors alarm, trouble, and supervisory states
- Red steel enclosure with key lock
- Watchdog timer
- Jumper selectable to monitor FACP, 8-zones, or both
- AC fail and low-battery supervision
- NFPA-72 Compliant; ETL Listed



### Product Information

The Muxpad II-RF is a Data Gathering Module (DGM) that is part of the Digitize System 3505 Prism LX™ Multiplex Proprietary Alarm Monitoring System.

The Muxpad II-RF is used to monitor addressable and non-addressable FACPs. The Muxpad II-RF collects the supervised messages from the FACP serial printer port. As each

message is transmitted by the FACP, the Muxpad II-RF gathers the text and interprets it into a more usable format for the System 3505 Prism LX™. The new messages are then relayed to the System 3505 Prism LX™ via polling radio.

Upon activation of any new condition, the Muxpad II-RF communicates with the System 3505 Prism LX™ to advise new conditions, as well as the English text message provided by the FACP. In the event of a data line error, the Muxpad II-RF retains alarm information until communication is reestablished to the System 3505 Prism LX™. Upon receiving a command from the System 3505 Prism LX™, the Muxpad II-RF can reset\* the FACP. Other commands include the Bell On/Off\*, FACP local Ack\*, as well as Control Module On/Off signals. \*In selected FACP panels. The Muxpad II-RF may also be used to monitor end-of-line supervised dry contact points of conventional fire panels.

The Muxpad II-RF uses 8 local zones, provided on board, or an optional 32-zone external plug-in board (in a separate enclosure). FACP Jumpers and/or Zones determine which system will be enabled by the software. When the FACP jumper is installed the Muxpad will interpret the serial port data it receives into data to be relayed to the System 3505 Prism LX™. Placing a jumper on the zone connector will allow the use of dry contact zones. These zones are EOL resistor supervised and can monitor Alarm, Trouble, and Secure states of the zones.



Muxpad II-RF Panel

## SPECIFICATIONS

**Enclosure:** Red steel enclosure with door and CAM lock

**Enclosure Dimensions:** 19.5 in H. x 18.5 in. W. x 6.1 in. D.

**Net Weight (Approx.):** 41 lbs.

**Power:** 120 VAC 50/60 Hz @ 2 Amps Max., Supervised. 220 VAC Available - Consult Factory

**Communications Method to System**

**3505:** Radio polling

**LED Indicators:**

MUX LED illuminates when the Muxpad II is transmitting to the System 3505.

FACP LED illuminates when the Muxpad II is receiving a data character from the serial port of the FACP

**Environmental**

Operating Temperature: 0°-50° C

Storage Temperature: 0°-50° C

Operating Humidity: 0-90%, non condensing

Storage Humidity: 0-90%, non condensing

## FIRE PANEL INTERFACES

Part Number 425126-	Interface	Part Number 425126-	Interface
1011	FD-ID, FC-IDA, FC-IDX	1031	FCI-E3 Networked
1012	Notifier 1010. 2020	1032	FCI-E3
1013	Spectronics	1033	EST-2 Networked
1014	FCI 7200	1034	Notifier 640
1015	Gamewell Flex 500	1035	Notifier 3030
1016	Gamewell Flex 630	1036	Gamewell Flex 600 w/Annunciator
1017	Gamewell Flex 630 w/Annunciator	1037	Gamewell Flex 600
1018	Simplex 4100/4200	1038	Gamewell Flex 600 Networked
1021	EST-2	1039	Gamewell Flex 600 w/Annunciator Networked
1024	Firecom	1040	Notifier NCA-2 Networked
1025	EST-3	1041	Simplex 4010
1026	EST-3 Networked	1042	Autocall TXF800
1027	Mircom	1043	Notifier NCA
1028	EST IRC-3	1045	EST iO64, 500, 1000
1029	FCI-7100	1046	EST iO64, 500, 1000 Networked
1030	FCI-7100 Networked	1047	Hochiki FireNET

**NOTES:**

1. Additional FACP interfaces available on request.
2. When FCI interface is ordered, the Muxpad II automatically detects which FCI panel is connected, once the proper panel is selected at the System 3505.
3. When Notifier interface is ordered, the Muxpad II automatically detects which Notifier panel is connected once proper panel is selected at the System 3505.
4. For Muxpad II with RS-485, Fiber Optic or Audio Modem Interfaces, see Cut Sheet 750197-0001
5. Antennas must be ordered separately. See Cut Sheet 750294-0001.

