

# fusion

PRODUCT

## APM (ALARM PAGING MODULE)



- 4/8/12/16 DRY CONTACT / OPTO-COUPLED INPUTS
- TAP, SMS, KIRK/SPECTRALINK AND POCSAG OUTPUTS
- INBUILT SYNTHESIZED POCSAG TRANSMITTER
- MULTIPLE RECIPIENTS PER ALARM INPUT
- TX AND RX INDICATOR LEDs
- MAINS POWERED RACK MOUNT OPTION
- DESKTOP INCLUDES WALL-MOUNT KIT



### SUITABLE FOR COUNTLESS APPLICATIONS

The Alarm Paging Module (APM) provides 4 alarm inputs as standard (either dry contact or opto-coupled) with up to 16 available on request. These inputs allow messages to be sent to wireless telephones, mobile phones in SMS format as well as directly to pagers and to TAP compliant devices via an in-built POCSAG transmitter.

These messages are generated via opto-coupled or contact closure alarms from various sources; including nurse call systems, building management systems, security alarms and fire panels.

### TAP / SMS / DECT / POCSAG CAPABLE

The APM connects to an SMS service such as a wide area provider via dial-up modem using the TAP protocol. For SMS direct to mobile phones, the APM connects to the Fusion Series Cellular Messaging Module.

Integrating the APM with SpectraLink or KIRK 500/1500 wireless telephony handsets is simple and provides instant notification of alarm events to cordless handsets.

### FULLY-SYNTHESIZED PAGING TRANSMITTER

The transmitter built in to the APM is fully-approved for use in the majority of countries worldwide. With a fully-synthesized operating capability across either 148 - 174MHz VHF or 440 - 470MHz UHF, this transmitter sends messages to all kinds of POCSAG receivers - including pagers or wireless LED signs.

### ADVANCED INPUT SETTINGS

The Alarm Paging Module allows latching and disabling of messaging inputs as well as Escalation paths to be configured for alarm events. These escalations can be set to occur across various devices. So, for example, a message could be escalated from a pager to a KIRK or SpectraLink cordless handset and on via SMS to an off-site cellular phone.

### SIMPLE WINDOWS® INTERFACE

The module's multilingual graphical user interface runs on any Windows® PC and allows the functions of the Fusion Series Alarm Paging Module to be simply and seamlessly configured.

# APM (ALARM PAGING MODULE)

## TECHNICAL SPECIFICATIONS

Alarm Paging Module	
Equipment Type	Alarm Paging Module with inbuilt paging encoder/transmitter
Frequency range	VHF - 148-174 MHz. UHF - 440-470MHz Synthesized
Power Output	Configurable From 1- 5 Watts
Languages Supported	English, Spanish, Korean, German, Dutch
Alarm Capacity	4, 8, 12 or 16 Alarm Inputs per Module
External LED Indicators	Power, PTT, Data, RS232 TX, RS232 RX alarm input status providing real time physical indication
External Connectors	Serial RS232: RJ45f with RS232D interface POCSAG: RJ45f with RS232 level POCSAG output
Supported Output Protocols	TAP (PET / IXO), Kirk z500/1500, SMS, POCSAG
Programming	Via serial cable (requires PC with APM Configurator software installed)
Recipient Capacity	Four addresses per alarm input
Alarm Programming	Normally open, normally closed, state change, disabled Initial delay (65535 sec max) Escalation delay (65535 sec max) Escalation repeats (255 max) Escalation Output: POCSAG plus Any One Additional Protocol per Step
Ambient Temperature Operating Range	0 - 50 °C (20-90% RH non condensing)
Storage Temperature Range	-10 - 60 °C (10-95% RH non condensing)
Plastic Dimensions	255 x 230 x 70 mm / 10 x 8 x 2.7 inches
Rack Dimensions	Standard 19inch rack case 439 x 205 x 44 mm / 17.3 x 8.1 x 1.7 inches (without rack ears)
Plastic Weight	1kg / 2.2lb nett
Rack Weight	2.7kg / 5.9lb nett
Plastic Power supply	12VDC @ 2Amps regulated
Rack Power supply	110-240VAC 50/60Hz 25W max via IEC socket
Plastic Antenna Connector	BNC 50ohm
Rack Antenna Connector	Ntype 50ohm
Plastic Alarm Input Connector	Screw Terminal Blocks
Rack Alarm Input Connector	4 x 8 way pluggable terminal block
Approvals	FCC, CE, C-tick, ROHS, IC, EN60950
	<i>*Call for your language addition</i>



Product Name	Ordering Code
<b>Alarm Paging Module</b>	
APM Desktop CC VHF 4 Input	FSAPMCCMVHF4
APM Rack CC VHF 4 Input	FSAPMCCRVHF4
APM Desktop CC UHF 4 Input	FSAPMCCMUHF4
APM Rack CC UHF 4 Input	FSAPMCCRUHF4
APM Desktop OC VHF 4 Input	FSAPMOCPTMVHF4
APM Rack OC VHF 4 Input	FSAPMOCPTMVHF4
APM Desktop OC UHF 4 Input	FSAPMOCPTMUHF4
APM Rack OC UHF 4 Input	FSAPMOCPTMUHF4
<b>Upgrade Options</b>	
Upgrade from 4 Inputs to 8 Inputs	FSAPMIN8
Upgrade from 4 Inputs to 12 Inputs	FSAPMIN12
Upgrade from 4 Inputs to 16 Inputs	FSAPMIN16
<b>Output Protocols</b>	
RS232 - KIRK/SpectraLink/TAP/SMS	FSAPMOUT

Authorised Distributor



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