

Receiver Rack

Model: IMR5-10

Revised: April 2002

Product Description

The Model IMR5-10 Receiver Rack provides the enclosures and operational environment for 10 receiver modules (MP5-10 Desplex Series 10) and associated support hardware. Specifically, the IMR5-10 performs the "monitoring facility" function in an alarm monitoring system. The IMR5-10 supports the Intelligent Alarm Multiplexing Monitoring/Receiver Module functions in the following way:

- ◆ Provides structural support via a sturdy cabinet and enclosed chassis with nylon guide tracks for the panels.
- ◆ Provides all DC power (*primary AC to DC and standby battery*) used for the station and accompanying panels.
- ◆ Provides secured area equipment to monitoring station signal line interfacing.
- ◆ Provides common support/annunciation functions (*alarm audible/flasher and power (AC/DC)*) monitoring annunciation.
- ◆ Provides for event logging/security management host computer interface.



IMR5-10
Receiver Rack

Product Features

The following summarizes many of the standard features of the IMR5-10.

- ◆ Provides a totally self contained alarm monitoring facility environment. The standard configuration requires only an AC power source and signal lines from the secured area equipment.
- ◆ User selectable AC power source (*115/230VAC, 50/60 Hertz*).
- ◆ Line filtered AC and circuit breaker (*versus replacement fuses*) AC/DC load protection.
- ◆ High reliability 5AMP (*versus industry standard 2-3AMP*) power supply.
- ◆ High reliability common functions module. The LED state AC and DC power status indicators consist of solid state LED's (*versus the relatively unreliable industry standard incandescent lamps*).
- ◆ Manually initiated AC test and DC test capability.
- ◆ Accommodates (*plug compatible*) industry standard receiver modules and meets/exceeds security requirements put forth in DIAM 50-3, DCID 1-21 and United States Army Reg. 381-14.
- ◆ User selectable event logging/security management system interface. Either EIA defined RS-232, RS-422 or RS-485 interface standards may be used to appropriate event logging, etc., devices (*i.e., the printer may be RS-232 and a terminal set up for RS-422*).

Optional

- ◆ CRT terminal/keyboard with serial printer at 115VAC 50/60Hz (SCT I)
- ◆ Network controller (IXP5) for event logging.
- ◆ Intelligent host (PC) with software (SCT II).
- ◆ Network controller (NC5) for rack-to-rack communication.

Product Specifications

Height = 6.7 inches
Width = 18.4 inches
Depth = 15.6 inches
Weight = 27.0 ounces

Receiver Module Capacity = 10

Electrical AC Input = 115/230 VAC
50/60 Hertz

Operational Environment = 0 - 50 Degrees Celsius
10 - 90% R.H. (*non-condensing*)

Standby Capability = 12 - 24 Hours
(*dependent on monitor/supervisory panel population*)