

Premise Control Unit

with Dual Adjustable Power Supply

Model: CU5-16

Revised: April 2002

Product Description

The Model CU5-16 Premise Control Unit with Dual Adjustable Power Supply provides a physical enclosure interface for devices used in securing a specific area. The CU5-16 interfaces various detection devices in the secured area to a monitoring facility which is located away from the secured area. The detection devices consists of electrically 'closed' switch or relay dry contacts which 'open' when a specific change is detected. The detection devices are interfaced to the monitoring facility (*i.e., Desplex series MP5 Receiver Module*), via a transmission module (*i.e., Desplex series TM5 Transmission Module*) installed in the CU5-6 enclosure. The detection devices are typically Passive Infrared motion detector, Dual Tec (*PIR/Ultrasonic*) motion detectors, vibration detectors or any other detectors requiring a DC (*i.e., 13.5 VDC*) power source used in protecting the secured area.

The CU5-16 consists of a metal enclosure, housing a motherboard, dual power supply circuit board, AC transformer, standby battery and appropriate support hardware.



CU5-16
Premise Control Unit with Dual Adjustable Power Supply

Product Features

- ◆ Dual, independent power supplies. Each of the power supplies on the power circuit card may be setup for any voltage requirement up to 36 VDC, independent of the other. For example, while one of the two supplies is setup for 13.5 VDC for appropriately configured detection devices, the other supply may be setup for 24 VDC to power a door strike or CCTV equipment.
- ◆ Provision for a standby battery for use with the termination module or dual 13.5 VDC power supply for backup power during a primary AC power failure.

Optional

- ◆ 24-hour backup battery (BT-24).
- ◆ SCIF Thermal Printer (PTR5).

UL Listed

- ◆ Number 1076 and 1610

Product Specifications

Height = 12.35 inches
Width = 9.38 inches
Depth = 3.84 inches
Weight = 12.00 pounds

Electrical = Dependent on configuration.
Can accommodate 18/24 VAC input to devices and 0 - 36 VDC @ 3 A output from devices.

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

Standby Capability = 12 - 24 Hours, dependent on termination module/detection module configuration/loading.