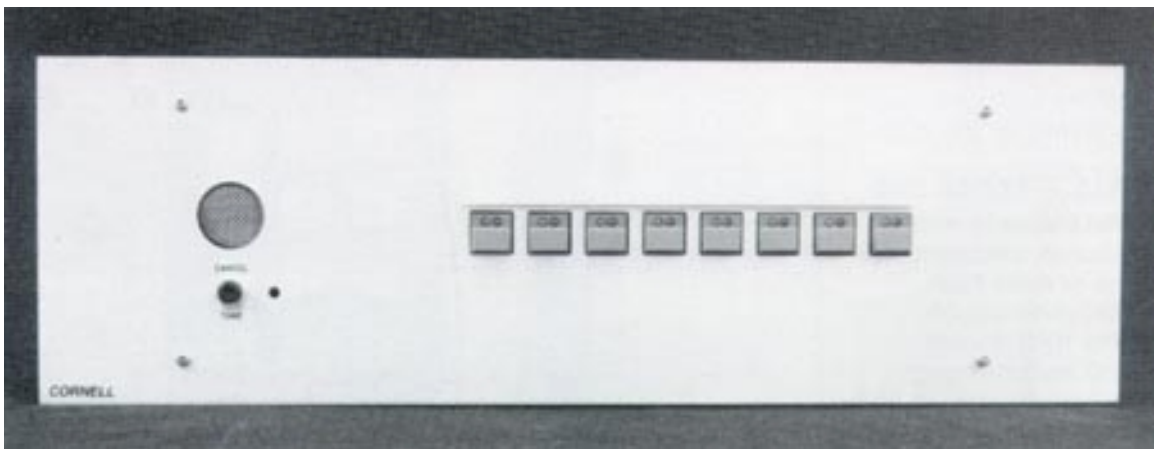




## The Series 1000 lets you configure the right system for any door monitoring application.

Series 1000 Door Monitor Systems from CORNELL offer you a unique combination of high quality construction and options that are virtually limitless.



### THE QUALITY YOU DEMAND...

Down to the last components, the Series 1000 has been built for performance over the long haul. We use only solid-state door monitor panels, for example. LEDs instead of incandescent lamps. And faceplates of rugged anodized aluminum.

We even provide you with a number of extras - a power supply that's conservatively rated at 1 or 3 amps, for instance.

All of which means your Series 1000 is sure to deliver trouble-free performance, year after year.

### ...IN JUST THE RIGHT CONFIGURATIONS

The Series 1000 offers you a full range of options to help you design the right system for every application.

Consider how a typical nursing home makes full use of the Series 1000.

The master panel controls and monitors each door in the system constantly--including exterior, stairwell, and individual room doors. During the day, the main entrance is left open and disarmed, as are the doors to patients rooms - a status signified by steady green LEDs.

In this particular institution, however, the stairwell doors remain armed 24 hours a day, all year long - a status indicated by steady red LEDs. Should one be opened by an unauthorized individual, its light begins flashing and an intermittent tone sounds at the master and all remote panels. Should a second door be opened before the first is investigated, an overriding tone sounds. (Naturally, these tones can be muted or silenced for noise-free applications.)

Changing the status of a particular door is as simple as touching the right zone switch on the master panel for this installation. However, it can be as complex as requiring the insertion of a key at this panel, or at a remote station. The configuration you specify will depend upon the number of functions required in a given application.

Remote control and monitoring panels are also available for the Series 1000, of course. And, in the case of remote control, its function may be complementary to the main panel's, or easily transferred to assume exclusive control of all doors in the system.

And the Series 1000 offers you expandability that's virtually limitless. So it's a cost-effective solution for applications involving as few as two or three doors... as well as those involving hundreds.

The Series 1000: It's the system of choice wherever reliable door monitoring is a top priority.

**Call us today at: 1-800-558-8957.**

The contractor shall furnish and install the following CORNELL Series 1000 System components or equivalents as shown on the plans.

## **MASTER PANELS--SERIES 1000**

To indicate the status of each door to be monitored, the contractor shall install one or more flush, surface, or desktop-mountable CORNELL Series 1000 master panels with push switches and integral LED indicators, one red and one green for each zone. The panel shall accommodate zone circuits. Steady green LED shall indicate unarmed status; steady red, armed status; flashing red and intermittent tone, alarm condition, open circuit or short-to-ground. Each solid-state panel shall feature an anodized aluminum faceplate, a supervised protective loop circuit when using a normally closed door switch that sounds an alarm upon opening, and a tone mute switch that shall be overridden by subsequent alarms, and an optional adjustable volume control. Each master panel shall utilize CORNELL modular zone cards A-1211, and CMOS integrated circuits. Tone mute and zone switch shall be by momentary contact push button; tone volume control shall be accessible through panel front. The panel shall operate on 12 volts DC, regulated, with 36mA per zone module.

## **OPTIONS**

For information on other configurations to meet special requirements, please contact our engineering department.

## **REMOTE ZONE KEYPAD STATIONS**

CORNELL remote zone keypad stations are the cost-effective solution in providing full security to "off-limits" areas, but allow quick access to authorized personnel. Access codes can be quickly changed if required without incurring modification expense.

Important features include:

- \* User programmable via the keypad
- \* Any 1-6 digit access code
- \* 48 hour power loss code retention
- \* Model A-1808, 10-60 seconds exit delay
- \* Model A-1806, remote arm, disarm and exit delay



functions

\* Model A-1809, custom programmable to fill any customer requirement

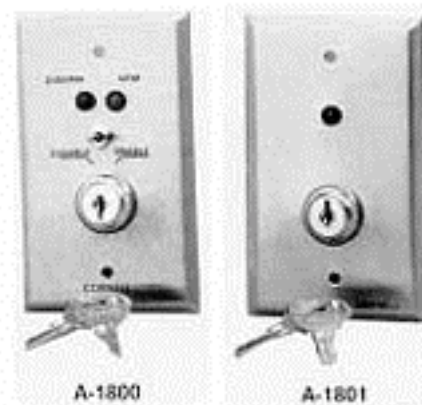
## REMOTE ZONE CONTROL--MODEL A-1800

The contractor shall install CORNELL A-1800 zone control panels for control of individual doors monitored by the Series 1000 system. Each panel shall feature one red and one green LED on a single-gang stainless steel plate suitable for flush mounting, Steady green LED shall indicate unarmed status; steady red, armed; flashing red, alarm condition. Key switch, center-off toggle switch shall be standard. Arm and disarm functions shall be manually controllable via toggle switch only when key switch is in "enable" position. Power shall be supplied via the Series 1000 master panel at 12 volts DC.

## REMOTE ZONE CONTROL WITH TIME DELAY--MODEL A-1801

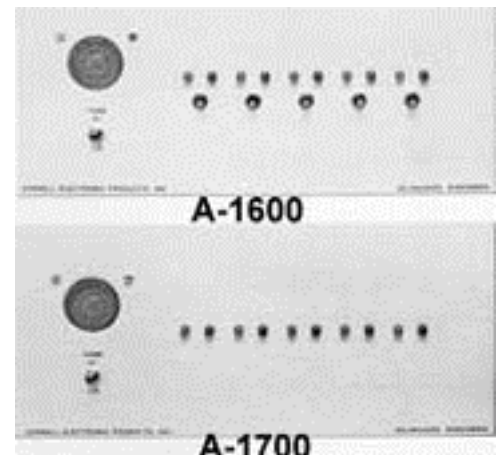
The contractor shall install CORNELL A-1801 zone control panels with time delay to provide authorized personnel with alarm-free access to individual zones in the Series 1000 system. The

panels shall automatically reset to armed status after an adjustable, 5-60 second, time delay. Each panel shall include one red LED to indicate armed status when lit. Each shall feature a single-gang stainless steel faceplate suitable for flush mounting, with a key switch for temporary door disarming and automatic reset. Power shall be supplied via the Series 1000 master panel at 12 volts DC.



## REMOTE CONTROL--MODEL A-1600

The contractor shall install CORNELL A-1600 remote control panels of anodized aluminum for use with the Series 1000 Door Monitor System. Each flush, surface, or desktop-mountable panel shall accommodate zone circuits. A steady green LED shall indicate unarmed status; steady red, armed status; flashing red with intermittent tone, an alarm condition. Individual zones shall be armed and disarmed from this panel. Tone volume shall be adjustable via high-low switch. Zones shall be designated with plastic-covered designation strips. Power shall be derived from the A-1000 master panel at 12 volts DC, regulated, at 17 mA per zone module.

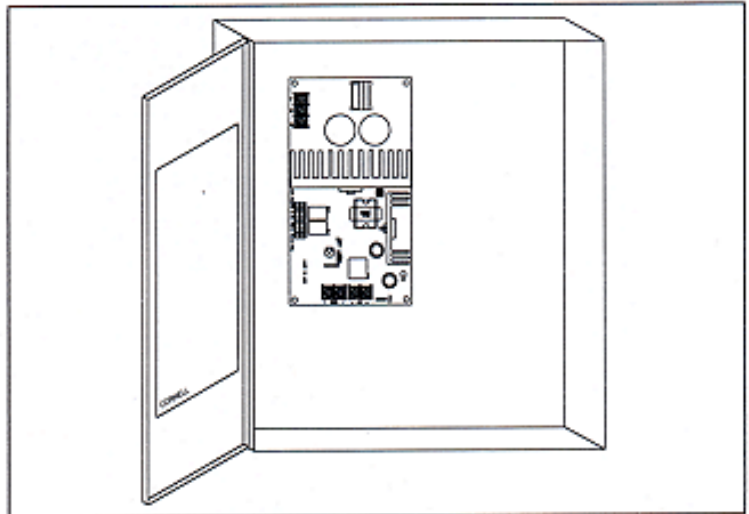


## REMOTE MONITOR--MODEL A-1700

The contractor shall install CORNELL A-1700 remote monitor panels of anodized aluminum for use with the Series 1000 Door Monitor System. Each flush, surface, or desktop-mountable panel shall accommodate zone circuits. A steady green LED shall indicate unarmed status; steady red, armed status; flashing red with intermittent tone, an alarm condition, open circuit or short-to-ground. Tone volume shall be adjustable via high-low switch. Zones shall be designated with plastic-covered designated strips. Power shall be derived from the A-1000 master panel at 12 volts DC, regulated, at 17 mA per zone module.

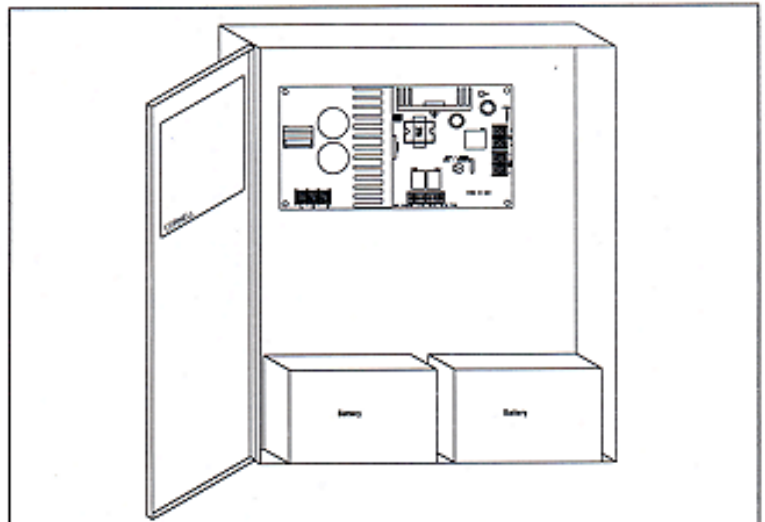
## **POWER SUPPLY--MODEL P-512243A°**

The power supply for the Series 1000 Door Monitor shall be CORNELL Model P-512243A generating 4 amps continuous supply current at 12 VDC. The dimensions are 13.5" H x 12.75" W x 3.25" D. Slotted keyholes make it suitable for vertical wall or rack mounting



## **BATTERY BACKUP POWER SUPPLY**

The battery backup power supply for the series 1000 Door Monitor shall be CORNELL Model B-5243A. The Cornell B-5243A converts a 115 VAC/60 Hz input to a 12 VCD or 24 VCD power limited output, and is UL listed for fire alarm, burglar alarm and access control application. The unit comes complete with power supply, enclosure, cam locks, battery leads and (2) 12 Volt batteries.



**CORNELL COMMUNICATIONS, INC.**

Milwaukee, Wisconsin USA - 800-558-8957 - 414-351-4660 - Fax 414-351-4657  
www.cornell.com - sales@cornell.com

