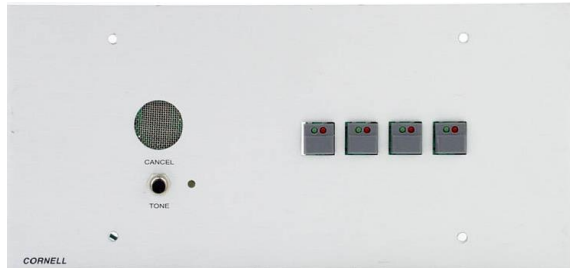# Master Panel
A-1000 Series

A-1004

Description: Controls - tone mute push button switch, accessible on faceplate. Volume control adjusted through the hole on faceplate. Push-push zone control switches. Anodized aluminum faceplate surface, flush, or desktop mountable available in multiples of four zones. For dimensions, see ordering information.

Operation: To indicate the status of each door to be monitored, the solid-state A-1000 panel accommodates individual zone circuits with push switches and integral LED indicators, one red and one green for each zone. A steady green LED indicates unarmed status; steady red, armed status; flashing red and intermittent tone, alarm condition. Designation strips are provided for zone indications.

Options: Optional Key Switch for panel control.

Mounting: The anodized aluminum faceplate with silk-screened designations may be flush mounted, surface mounted, or desktop mounted with Cornell provided back box.

Engineering Specifications: The contractor shall furnish and install a solid state CORNELL Series A-1000 Master Panel as shown on the plans. The surface, flush, or desktop mountable faceplate shall be made of anodized aluminum, and shall accommodate a specified number of zone circuits. Steady green LED shall indicate unarmed status; steady red, armed status; flashing red and intermittent tone, alarm condition. An alarm shall sound upon opening of any door in the armed status. Indicators shall be red and green LEDS; incandescent lamps are not acceptable. Each master panel shall utilize CORNELL modular zone cards (A-1211, screw terminal), with CMOS integrated circuits. The faceplate shall feature tone mute switch, volume control and zone switches. The panel shall operate on 12 volts DC regulated, with 36 mA per zone module. Field wiring terminals shall be to edge connector.

Technical Information:
- Power Requirements: 12VDC
- Operating Environment: 50-120°F Indoor Non-condensing
- Mounting: Surface, Flush, or Desktop
- Wiring: #22 AWG Minimum

MODEL	ZONES COVERED	PANEL SIZE	BACK BOX	BACK BOX SIZE
A-1004	4	6" H x 13" W	BB-20	5" H x 11" W x 4" D
A-1008	8	6" H x 19" W	BB-21	5" H x 17" W x 4" D
A-1012	12	6" H x 19" W	BB-21	5" H x 17" W x 4" D
A-1016	16	10" H x 19" W	BB-22	9" H x 17" W x 4" D
A-1020	20	10" H x 19" W	BB-22	9" H x 17" W x 4" D
A-1024	24	10" H x 19" W	BB-22	9" H x 17" W x 4" D
A-1028	28	10" H x 19" W	BB-22	9" H x 17" W x 4" D