



## 4000 Series Visual Nurse Call System



### ***RELIABILITY...***

At CORNELL we believe consistent reliability is essential to any nurse call product. Our 4000 series, visual nurse call system is not only tested at our factory, but time proven in the field. And that is precisely why you'll want to investigate the UL Listed 4000 series, visual call system.

### ***HIGH TECH...***

We manufacture and design all of our equipment right down to the circuit board and mounting plates. We have invested in the latest technologies, proven to produce the best results, at the lowest cost. We have avoided complex circuitry and exotic components, because high tech does not need to sacrifice serviceability.

### ***SPECIALIZATION...***

CORNELL is the leader in renovation projects for one reason, we will custom manufacturer mounting plates for special applications. If you need to cover a non-standard mounting location, we will design a professional, special plate.

### ***VERSATILITY...***

With any nurse call system, adaptability will insure it meets the individual needs of the facility. We have designed a wide variety of standard products in configurations that will meet the unique requirements of any application.

### ***INVENTORY...***

We pride ourselves on getting you the parts when you need them. We support the service and installation requirements of our authorized dealers with a computerized materials management system.

### ***SERVICE...***

All of our equipment is made with service in mind. You can change corridor lamps without tools and adjust electronic controls easily. Our system installs with a minimum of wires, but not at the expense of reliability.





**A-4060 Annunciator**

### ***ANNUNCIATORS...***

The 4000 series Annunciator indicates incoming calls from any initiation point in the system. Calls are identified by a solid (normal) or flashing (emergency) LED indicator and staff are alerted to a call by a pleasant tone. Emergency calls are easily distinguished from routine calls by the tone; from a slow, intermittent, rate to a more rapid rate. The Annunciator is constructed of rugged, anodized aluminum with standard features such as: HI-LO tone volume control; lamp test; easily changed designation strip; and from 10 to 300 indicator lamps. The 4000 series Annunciator is available surface, rack, or flush mount.

### ***BEDSIDE STATIONS...***



**B-111**

**B-122**

**B-113**

Bedside stations are available in three standard designs. They will activate the normal call tone and associated lights. The B-111 has a single call cord jack, the B-122 has two call cord jacks, while the B-113 has a push button on the plate. A call is placed by using the call cord, accidental removal of the cord, or (on the B-113) by pushing the “push for help” button. All stations have: LED indicator lights; call cancel buttons, silk screened lettering; screw terminal, wire connectors; and stainless steel, single gang, face plates.

### ***EMERGENCY STATIONS...***

Typically emergency stations are used in locations requiring immediate action. They will activate the emergency signal and cause all the associated indicator lights to flash. The E-101, E-103, & E-104 represent the typical design. The most popular, E-104-1, design features a nylon pull cord connected to a slide switch. A call is placed by simply pulling the cord. The E-103 features a push button with a mechanical drop flag indicator. A call is placed by pushing the button once and second to reset. The E-101 has a red thumb size push on/push off button. All stations have: silk screened lettering, stainless steel, single gang, face plates. In addition, on most models, screw terminal wiring connectors and LED indicator lights.



**E-103**



**E-104**



### ***DUTY STATIONS...***

The D-112 duty station is used to indicate the call systems status. The D-112 is typically utilized any place the staff needs to be alerted to a call. The duty station indicates a call by: a green (normal call) or a red (emergency call) LED indicator lamp and sounding a slow or fast intermittent tone. A tone volume control is located behind the face plate to prevent unauthorized adjustment. The D-112 is mounted on a stainless steel, single gang, face plate with silk screened lettering and screw terminal, wiring connectors.



**D-112**



**S-112**

### ***STAFF STATIONS...***

The S-112 staff station is used to indicate the status of the call system, like the D-112, and has an emergency pull cord, like the E-104. The staff station is employed in locations where staff congregate and may need emergency assistance.

### ***CALL CORDS...***

There are two standard call cord types used with bedside stations, to activate the call system. The SW-106 and SW-110 have momentary contact push buttons in molded, plastic, housings connected to white cables and a right angle phone plug. They are used for common applications whereby a call is placed by depressing the end of the cord. The SW-206 and SW-210 have a vinyl bulb connected to air pressure tubing and a right angle phone plug. These are used in oxygen enriched environments or for geriatric use. A call is placed by as little as 1/4 oz. of pressure on the air bulb. All call cords resist contamination and will stand up to thorough cleaning. Both types come in 6 or 10 foot lengths and have bed clips attached.



**Sw-106**

### ***CONTROL MODULE***

The NC-102D offers both audible and visual notification. The audible tones shall be sounded at all duty stations and at the Annunciator panel wherever a call is placed.

The NC-102D offers 3 levels of Priority.

*First Level* - Highest priority, rapid flashing indicator & one beep per 1/2 second.

*Second Level* - Medium priority, slow flashing indicator & one beep per second.

*Third Level* - Lowest priority, steady-on indicator & one beep every six seconds.

### ***POWER SUPPLY***

The power supply for the Series 4000 Visual Nurse Call shall be CORNELL Model P-512243A, generating 3 amps continuous supply current at 24VDC. 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.



L-101

### ***CORRIDOR LIGHTS...***

Corridor and zone lights are used to indicate the location of a call in a room, zone or area. The L-101 and Z-103 are available in many standard configurations. The choices are 1 to 3 lamps per dome cover, on 1-4 gang back plates. The L-101 dome covers come in red or white translucent plastic and are attached to the back plate by slide-in steel pegs, making light bulb changes simple. Dome covers may be silk screened with any custom text. Colored light bulb covers may be used, inside the dome, to enhance differentiation of the call.

### ***PAGING...***



VersaPage is the complete solution for direct messaging to your staff when emergencies arise. Prior to VersaPage, multiple systems and multiple pocket pagers were necessary, since most monitored devices operate with a unique electronic signal. Current paging systems normally monitor one or two electronic signals. Multiple voltages, relays and normal open or closed contact devices are only a few of the signals VersaPage can handle. Serial data can also be accepted by VersaPage from any manufacturer's system. In addition, we have designed several options to enhance communications with-in the facility. Our large digital display communicates calls to the entire staff. Our user-friendly paging station allows you to customize your own messages.

### ***AUTOMATIC DOCUMENTATION AND RECORDKEEPING...***

The Series 4000 can automatically generate a permanent record and stores all monitoring and alerting activity in a historical reporting system to aid with accountability, staff management and recordkeeping.

