



CORNELL

Emergency Response Systems

4500 Series Audio/Visual Emergency Call System



**Typical 4500
Annunciator**

Reliability...

At CORNELL we believe consistent reliability is essential to any audio/visual emergency call system. Our 4500 series audio/visual intercom system is designed for use primarily in retirement centers.

High Tech...

We have invested in the technologies proven to produce the best results at the lowest cost. We have selected standard components to simplify serviceability.

Specialization...

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

Inventory...

All of our most popular equipment is in stock. We support the service and installation requirements of our authorized dealers with a computerized materials management system

Versatility...

With any emergency call system, adaptability will ensure 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 organization.

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.

CORNELL COMMUNICATIONS, INC.

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





Emergency Response Systems

Specifications



**4511
Speaker
Station**

Annunciators...

The A-4500 series annunciators indicate incoming calls from any initiating point in the system. Calls are identified by an LED indicator, and the staff is alerted to the call by a pleasant tone. The call is answered by flipping the selector switch under the appropriate light to the “up” position and speaking through the telephone handset. The annunciator is constructed of rugged, anodized aluminum with standard features such as tone volume control, lamp test, easily changed designation strips, and five to 300 indicator lamps.

The annunciator may be surface, desk, rack, or flush mounted. The telephone handset is mounted on the annunciator panel.



**4513 Push
Button**

Voice Communication...

A telephone handset is mounted directly on the annunciator panel (AT-4503). The telephone is used to call any unit by flipping the appropriate switch of the desired room and using the “push to talk” switch. Unauthorized monitoring of the resident is not possible with the privacy feature enabled. The “push to talk” telephone station switch is conveniently located along the inside of the handset.





CORNELL

Emergency Response Systems

Specifications

Speaker Stations...

Speaker stations are available in three standard configurations. They will activate the call tone, associated lights, and turn off the privacy feature all with one switch. The 4514-3 has one speaker and a nylon pull string to activate the call. An LED lights up to indicate that a call has been placed and that the privacy feature is disabled. The 4513 has a "push on/push off" switch and a mechanical drop flag indicator. Once the speaker station has been activated the light remains lit and two-way conversations may take place. When the station is reset all lamps go off and the privacy is restored. The 4511 single and 4522 dual stations utilize the call cord (SW-106) to activate the call. An LED light indicates the call has been initiated. A cancel switch resets the station. All speaker stations have three gang stainless steel faceplates and silk-screened lettering.



SW-106



E-114-3

Emergency Stations...

Typically emergency stations are used in locations requiring immediate action. They will activate the signal and cause all associated lights to illuminate. There are two standard emergency stations, the E-114 (shown) and the E-113. A call is placed on the E-114 by pulling the nylon cord (and a LED lights up only on the E-114-3) to indicate the call has been activated. The E-113 features a push button with a mechanical drop-flag indicator. A call is placed by pushing the button once, and reset by pushing the button a second time. All stations have silk-screened lettering and stainless steel, single-gang face plates.

Corridor Lights...

Corridor lights are used to speed identification by illuminating next to the door of the room placing a call. The L-101 provides a single lamp behind a white translucent-plastic dome cover on a single gang stainless steel plate. For additional security the LS-201 may be used to signal nearby help with a piezoelectric responder. The LS-201 is mounted on a double gang, stainless steel plate, has a single-dome cover, and a sounder mounted next to the dome. Dome covers may be silk-screened with any custom numbering or text.



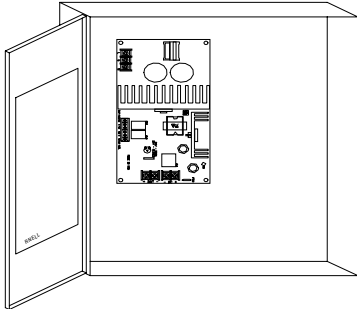
LS-201





Emergency Response Systems

Specifications



P-512243A

Power Supply...

The P-512243A power supply changes standard 120 VAC, 180 watts to a safe 24 VDC, 3 amps continuous load. That means the P-512243A can provide power for systems with room to spare. This power supply is designed to provide a stable 24VDC, with less than .025 volts RMS variation over the full range of operation. Fuses have been replaced by an automatic electronic circuit overload protector to ensure your 4000 system operates effectively. The mounting size is 13.5" H x 12.75" W x 3.25" D

Other Features...

For additional visual impact the indicator lights may be connected to the P-5000F voltage flasher. This will cause all annunciation lights to cycle on and off. Any of the corridor lights can be ordered with colored light covers. This is used to differentiate between calls in the bathroom and calls from other areas. A green light is used for calls in the living room, a red light for bathroom calls, and a yellow light for calls initiated from the residential smoke detector. By connecting the flashing light through the smoke detector only calls are easily identified at the annunciator, and residents or staff in the hallway will quickly recognize the status of any call. When a page is made from the annunciator, either to one room or "all call", the annunciator and corridor lights do not come on to prevent confusion in status.

Additional Applications...

The 4500-series intercom can be used as a communications system in small clinics and offices. The annunciator is manufactured making it very versatile. Exam rooms equipped with the 4514-3 can place assistance calls, and hands-free communications are possible. The privacy feature may be disabled to allow two-way conversation at any time without activating the speaker station. The 4500 is an economical intercom for any office or commercial building.

1-800-558-8957

