

**TECHNICAL
SPECIFICATIONS**

**AL-84680
WIRELESS
SINGLE PATIENT STATION**

- 900 MHz SPREAD SPECTRUM
- MULTIPLE MOUNTING OPTIONS
- RESET ONLY AT STATION
- LED STATUS INDICATOR
- SECONDARY INPUT FOR NORMALLY OPEN CIRCUIT
- OUTPUT FOR DOME LAMP
- LITHIUM BATTERY POWERED
- FULLY SUPERVISED



DESCRIPTION:

The AL-84680 Wireless Single Patient Station is a single gang, wall-mounted device. Call placement is via a bed cord utilizing a 1/4" phone jack. An LED indicator lights when the call is placed and remains on until the call is canceled at the station. A call can also be placed by removing the call cord from the jack. The AL-84680 wireless patient station includes a second wired input for normally open latching circuits. An open collector output can turn on a dome lamp from the bed cord or second input when wired to an external 24 VDC power supply.

INDICATOR:

The LED indicator flashes when a bed cord call is placed to indicate signal transmission.

RESET:

All bed-cord calls are canceled at the originating station. This action is to assure all bed cord calls are verified and all initiating locations are visited. The secondary input clears when the originating device is reset.

PANEL FINISH AND DIMENSIONS:

The AL-84680 Wireless Single Patient Station is available in a high-impact, white, molded fire retardant ABS plastic plate. Maximum dimensions are 2.75"W X 4.5"H.

INSTALLATION:

AL-84680 is installed to a single gang **non-metallic** box with nominal dimensions of 2-7/8" D x 2-1/4" W x 3-3/4" H. Minimum depth of box not to be less than 2.0" D.

Or surface mounted utilizing optional wire-mold box and suitable wall anchors for the wall material.

Unit must be mounted using nylon hardware provided. DO NOT over tighten the nylon screws to avoid stripping the threads.

OPTIONS:

Dome Lamp: AL-84667 (requires external 24 VDC power)

POWER:

Input: 3 VDC lithium battery (supplied)
Current Draw: Standby: 5ua
Active Call: 3ma
During Transmission: 21ma

Battery Life: 10 months with 1 call placed per day, active 3 minutes per call.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

AL-84680 WIRELESS SINGLE PATIENT STATION

The wall recessed or surface mounted wireless single patient station shall be for use with remote call origination cordset.

The AL-84680 wireless patient station shall be provided with a red LED call placement indicator and white call cancel button. A receptacle shall be provided, to accept single 1/4" type cordsets. A call shall be originated if the cordset is removed from the receptacle.

The faceplate shall be flame retardant ABS plastic rated 94V-O by UL. Nylon Screws shall be provided to mount the faceplate.

The faceplate shall be finished in off-white. The dimensions shall be: Faceplate: 2.75" wide x 4.5" high.

AL-84680 is installed to a single gang **non-metallic** box with nominal dimensions of 2-7/8"D x 2-1/4"W x 3-3/4"H. Minimum depth of box not to be less than 2.0" deep.

Or surface mounted utilizing optional wire-mold box and suitable wall anchors for the wall material.

