

4201B/V, 4201B/VM, 4202

Call Stations (2-gang)



4201B/V



4201B/VM and 4202

Description: The CORNELL 4201B/V, 4201B/VM and 4202 are Call Station devices used on our 4200 Series Area of Refuge System. Each are used to initiate a call to the Master Panel (A-4200). The station options are below:

1. **4201B/V** = Flush Button Station (internal LED in button)
2. **4201B/VM** = Red Mushroom Button Station (red LED)
3. **4202** = Weather Resistant Red Mushroom Button Station (red LED)

Operation: Pressing a Call Station button will initiate a call to the A-4200 Master Panel. A tone is generated at the call station and the LED begins to flash to provide audible and visual notification that the call has been placed. The Master Panel will sound, and the corresponding zone LED will illuminate to indicate which specific call station zone was activated. Calls are answered by pressing the zone button IN, which allows for 2-way comms between the call station and the master panel. Use the “Push to Talk” button to switch between listen/talk mode at the panel. Simply press the zone button again, to the OUT position, to hang up and finish the call. Use the “Reset All Zones” button to clear all completed system calls. The “Reset All Zones” button will not work if there is another incomplete call on the system.

Mounting: Each Call Station features a 2-gang stainless-steel heavy-duty faceplate with silk-screened designations. Each may be flush mounted, or surface mounted, to a standard 2-gang outlet box or plaster ring.

Engineering Specifications: The contractor shall furnish and install the Model 4201B/V, 4201B/VM, or 4202 Call Station(s) as indicated on the plans. Each button consists of a momentary contact switch, an LED indicator, and an audible tone alarm with a sound level minimum of 70dB at 30cm. The station faceplate is stainless steel with silk-screened designations and is vandal resistant.

Technical Information:

- Power Requirements: 24VDC (wires directly to A-4200 Master Panel -)
- Operating Environment: 50°-120°F Indoor, Non-condensing (Standard stations)
 - -22° to 158°F for Weather Resistant Station (4202)
- Physical Faceplate Dimensions: 4 ½"W x 4 ½"H (Standard 2-gang)
- Mounting: Dual-gang box with a minimum 1 ¾"D
- Wiring: A 22/4 conductor (for power) and a 22/2 shielded twisted pair (for audio) to the Master Panel.
 - Ground the audio pair shielding ONLY at the Master Panel. Cut off shielding at Call Station side.
 - Shielding shall be grounded to the Master Panel main speaker (for audio clarity).

