CC2-ZL-4-B & BT

Clinic-Call-Zone Light
4 Bright Color

BENEFITS
- Easy to Install
- Easy to Program
- Easy to Operate
- Durable Construction
- Two Twisted Pair Cable

The Tech Works **CC2-ZL-4-B** is a stylish, exceptionally bright Zone Light and Programmable Controller all in one unit. The four lights are Red, Yellow, Green, and Blue. This is an intelligent Tech Works Network device for communication with other intelligent devices on a Tech Works Network. The LED's display the status of any Substation in groups, as assigned by the integral dip switches.

The **CC2-ZL-4-B** is field programmable for a variety of functions and options. The dip switches allow the installer to choose the group of stations or rooms to represent and the tone to sound or not sound with each group of events.

An integral tone option is available if ordered with the "T" (Tone) suffix.

The Tech Works Intelligent Data Network Communication allows the status of these buttons and lights to be sent to Intelligent Master/Annunciator and other Substations.

Associated Equipment

CC2-AN-16	16-Position Annunciator
CC2-AN-84	8-Column, 4-Color Annunciator
CC2-RS-4	Room Status Substation

Design Information

Power	11-25V DC @ 100mA
Color	White
Mounting	1 or 2 Gang Back Box
Dimensions	5" W x 3" D x 5" H
Weight	1 lb.

Architects' and Engineers' Specifications

The Clinic-Call System Intelligent Zone Light shall be a standard two gang electrical box mounting device constructed of ABS. A minimum of four LED lights shall indicate up to eight statuses of each group of rooms. The four lights/buttons shall be color-coded as *Red, Yellow, Green, and Blue* to easily identify functions and location of staff. The Zone Light shall be an intelligent electronic device, addressable by the installer, requiring no more than 100 mA at 12 Volts DC for full operation. The system shall operate on two twisted pair parallel wiring. Any system that requires more than two twisted pair wire and is not installer programmable will not be considered under this specification.

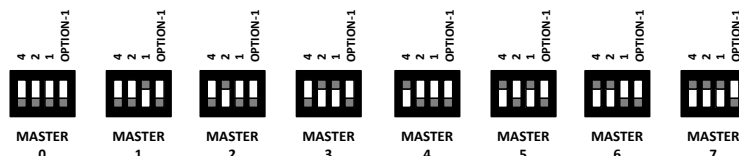The Clinic Call System Dome Lights shall be Tech Works Model CC2-ZL-4-B (T)

Tech Works ®

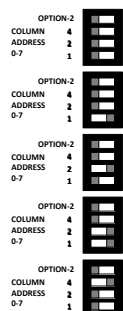*"Making Specialized Communication Easy"*

Programming

The Tech Works CC2-ZL-4-B is an intelligent microprocessor devise capable of displaying the status of multiple stations on any Tech Works CC or NC Series system. The LED-1 output is associated with the top horizontal row of a light annunciator, the LED-2 output is associated with the second row, LED-3 with the third row, and LED-4 with the fourth row. A single CC2-ZL-4-B can display the status of a group of 4, 8, 16, 32, or 64 columns. It monitors the network and if a substation on the system sends a message indicating a light status the Zone Module looks to see if it is assigned to display that station's status. If this station is programmed to display a message it checks to see if any other assigned station is currently active with a higher priority signal. A flashing light is always a higher priority than a steady light. If the only signals on the system assigned to a Zone Module are steady then the LED output will be steady. If a substation assigned to a Zone Module has a Flashing Light signal on that row then that light output will be Flashing on the Zone Module.

Each Zone Module has 2 sets of dipswitches which set the address and function of the unit. The Master address sets the Master or lowest address Master for the Zone Module to Monitor. The Master address should match the address of the substations to be monitored 0-7.

The dipswitch labeled "Column" is used to set the functional operation of the Zone Module. Each unit has the ability to monitor the first half of a single Master (Column 0-3), the second half of a Master (Column 4-7), a whole Master (all 8 columns), two whole Masters (the Master address +1), four whole Masters (the Master address +1, plus the Master address +2, plus the Master address +3), or All Master addresses. These functions are accomplished as follows.

 The first half of a single Master (Master 0-7) (Column 0-3).

 The second half of a Master (Master 0-7) (Column 4-7).

 One whole Master (Master 0-7) (all 8 columns).

 Two whole Masters (Master 0-6) (the Master address +1).

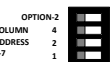 Four whole Masters (Master 0-4) (the Master address +1+2+3).

All Master 8 addresses, All Stations.

Tone option on the CC2-ZL-4-T

 Option 1 switch turns the tone ON and OFF

 When the Option-2 switch is in the OFF position, any "Steady" Light is a single tone and any "Flashing" Light is a repeating tone. If only steady lights are ON, a reminder tone sounds every 15 seconds.

 When the Option-2 switch is in the ON position, the tone only sounds on a Red or LED 1 "Flashing"