



## CC2-DS

### CC-Series Duty Station

The Tech Works **CC2-DS** is a 4 light Intelligent Annunciator panel available in a variety of color options. Standard Color Options are "B" for Bright Colors, Red Yellow, Green, and Blue, or "P" for Pastel Colors Pink, Ice Blue, White, and Purple, or "N" for No Colors (All White). The 4 windows are back lit by white LEDs and can easily be labeled to correspond to staff or locations such as restrooms or functions.

The **CC2-DS** 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 buttons and lights to be sent to Intelligent Master/Annunciator and other Substations.

#### BENEFITS

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

#### Associated Equipment

CC-RS-4	Room Status Substation
CC-AN-84	8-Column, 4-Color Annunciator
CC-DL-44	Smart Dome Light

#### Design Information

Power	11-25V DC
Color	White
Mounting	1 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 Annunciator shall be a standard one 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 Annunciator 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-DS



# Tech Works®

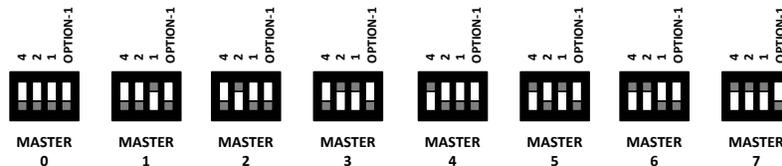
"Making Specialized Communication Easy"



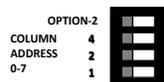
## Programming

The Tech Works CC2-DS is an intelligent microprocessor device capable of displaying the status of multiple stations on any Tech Works Clinic-Call system. A single CC2-DS can display the status of a group of 4, 8, 16, 32, or 64 substations. It monitors the network and if a substation on the system sends a message indicating a light status the Zone Annunciator 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. So if the only signals on the system assigned to a Zone Light are steady then the light will be steady. If a substation assigned to a Zone Light has a Flashing Light signal of a given color that colored light will be Flashing on the Zone Light.

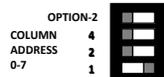
Each Zone Light has 2 sets of dipswitches which set the address and function of the unit. The Master address sets the Master or lowest address Master for the Zone Annunciator to Monitor. The Master address should match the address of the substations to be monitored 0-7. The Option 1 switch is not currently used on the Zone Light product.



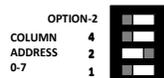
The dipswitch labeled "Column" is used to set the functional operation of the Zone Light. Each unit has the ability to monitor the first half of a single Master (Column 0-3), the second half of a Master (Column 4-7), a whole Master (all 8 columns), two whole Masters (the Master address +1), four whole 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.



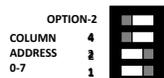
The first half of a single Master (Master 0-7) (Column 0-3).



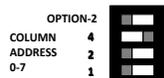
The second half of a Master (Master 0-7) (Column 4-7).



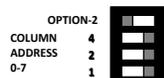
One whole Master (Master 0-7) (all 8 columns).



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

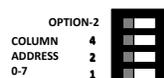


Four whole Masters (Master 0-4) (the Master address +1+2+3).

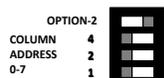


All Master 8 addresses, All Stations.

### OPTION-2 is the Tone option on the CC2-DS



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"

