



## NC-SDS

### Nurse Call Staff Duty Station

The Tech Works **NC-SDS** is a Staff Duty Station in a semi-flush ABS plastic enclosure for durable emergency signaling. An integral tone unit generates a beeping sound to alert staff that the system is active. This unit is designed for remote areas like work rooms and other areas where staff needs to monitor the active Nurse Call System. Staff is provided with a distinctive "SILENCE" button to turn off the tone while the station is still active.

An integral Call Active LED notifies the user that a call is pending on the Nurse Call System. The Call Active Light will be Off if no call is pending, glowing steadily if a Normal Call is pending, and flashing if an Emergency Call is pending.

This is a passive button-and-light assembly designed for use with the NC-CM-16 Control Module. Screw Terminals provide wiring connection to the active electronic stations that provide signaling and control for the **NC-SDS**.

Mounting is a standard 1-gang electrical box. An integral back plate provides mounting and adaptor alignment for the **NC-SDS**.

#### BENEFITS

- Reliable Signaling
- No Maintenance
- Low Power
- Simple Wiring
- Easily Integrates to other Systems
- Attractive Station Hardware

#### Associated Equipment

**NC-CM-16** Control Module

#### Design Information

**Power** 15V DC  
**Color** White  
**Mounting** 1 Gang Back Box  
**Dimensions** 3.25" W x 0.5" D x 5" H  
**Weight** 0.25 lbs.

#### Architects' and Engineers' Specifications

The Nurse Call System Staff Duty Station shall be a standard one gang electrical box mounting device constructed of ABS plastic. A Tone unit shall sound whenever the Nurse call System is active. A distinctive Silence button shall be provided to allow staff to quiet the station. A call Alert light shall be included to indicate that a call is Active on the system. The duty station shall be a passive electronic device requiring no more than 3 mA at 15 Volts DC for full operation.

The Nurse Call System Staff Duty Station shall be Tech Works Model NC-SDS

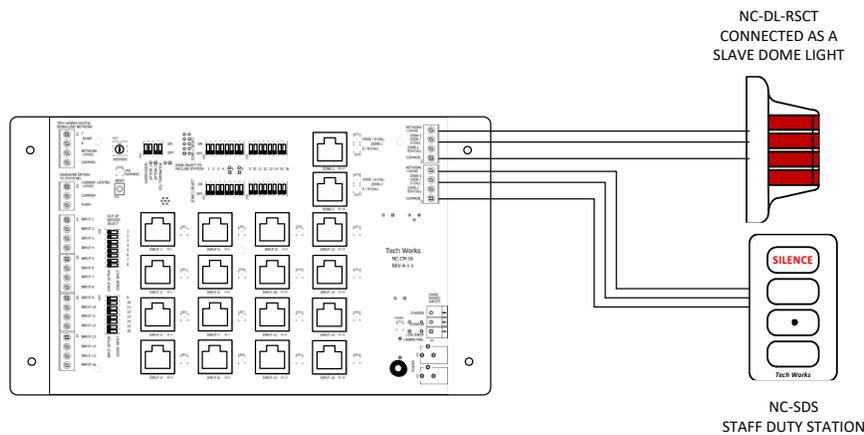


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"Making Specialized Communication Easy"



## Quick Start Installation Instructions



Each NC-CM-16 Control Module has two Zone outputs for connection of either a NC-SDS Staff Duty Station or a NC-DL-12 for zone notification that stations are active on the system. Only 3 conductor wire is required for connection between the Control Module and a NC-SDS or NC-DL-12. You may notice that the NC-CM-16 Control Module has 4 Zone Output Screws and the NC-SDS only has 3 screws. By connecting the NC-SDS to the +/- 24VDC (Top and Bottom screws) and the “Slave Input” screw terminal of the NC-SDS to the “E-Call” output screw on the NC-CM-16 Zone output, the NC-SDS will sound when an Emergency or Code Blue call are active. For more details on the connections options to the NC-CM-16 please see the NC-Series System Guide available on line by scanning the QR-Code.



Multiple devices can be hooked in parallel off of a single zone output of a NC-CM-16. If a zone light and a duty station are required to notify people in two different areas of the same zone, they can simply be hooked in parallel to the same output of the NC-CM-16.

A zone can consist of any one room station or any combination of up to all 16 room stations. To select the room stations to activate the Duty Station or Zone Light, simply set the desired station select switches associated with that zone output to the “ON” position. By default all zone select switches are set to the “OFF” position. To add a station to a zone just slide the room station select switch to the right, and it is added to the zone indication output.

