



# NURSE CALL SYSTEM-Sleek



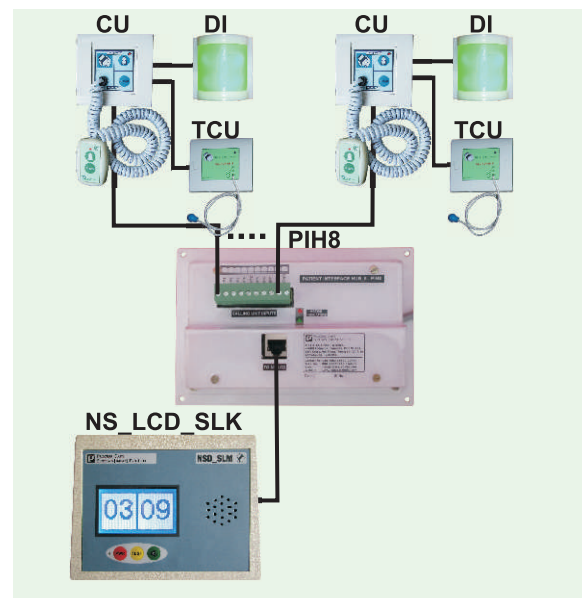
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## Nurse Call System Sleek Model

By touching the switch on the calling unit an indicator gets lighted up confirming that your call is passed on, which in turn reaches the Controller/Display unit and flashes the room number of the patient on it simultaneously, the Voice module in it announces the call which forces the nurse to give immediate attention.

After noticing the call the nurse can silence the voice module by pressing the MUTE button on NS Display Unit which makes the flashing window steady but it will continue glowing unless it is cleared by the nurse from the patient's room using the calling unit. If another patient raises a call, again the same procedure takes place independent of the preceding call. NS LCD Display will show long pending call message if a call is unattended for a long time.

Usage of LCD display allows for flipping the pages to show more pending calls if any. This saves wall space and reduces the cost per bed.



### **BASIC FEATURES:**

- ❖ Micro controller based system comprises of Calling Unit, Door Indicator, Nurse Station Unit and Cabling.
- ❖ Makes use of an LCD module of 128x64 to show call originating room No.s.
- ❖ Voice module with standard voice "Attention, Patient Calling" instead of buzzer makes it distinguished.
- ❖ Low working voltage (12V) to ensure patients safety.
- ❖ Any patient call is registered and remembered until the patient is attended to.
- ❖ Door Indicators helps nurses to locate calling patient easily.

## Patient Interface Hub (PIH8)

NCS-Sleek is designed to make it very economical and thus enable small Hospitals or Nursing Homes to be equipped with the most needed Nurse Call System to take good care of the patients. The electronics is optimized to cater to only a maximum of 8 beds, so that it becomes very much offerdable even for small Nursing Homes. PIH8 allows for 8 calling units and 8 toilet calling units. Uses 2 pairs of wires to get interconnected with NS Display Sleek. It works on 230V AC power supply.



## Nurse Station Display (Sleek)

Nurse Station Display (NS) is designed around a RISC based microcontroller to read three keys, to update information on 128 x 64 LCD display and to show a maximum of 8 bed// Calling unit information assigned to various rooms or patients. An integrated voice module also is controlled based on the information received from the PIH8.



## Calling Units

### • Electronic Calling Unit (CU)

The unit is designed with soft touch keypad consisting of one key for **CALL** initiation and the other for **CLEAR**ing the call which is generally done by the Nurse attending the patient.

### • Dual Calling Unit (DCU)

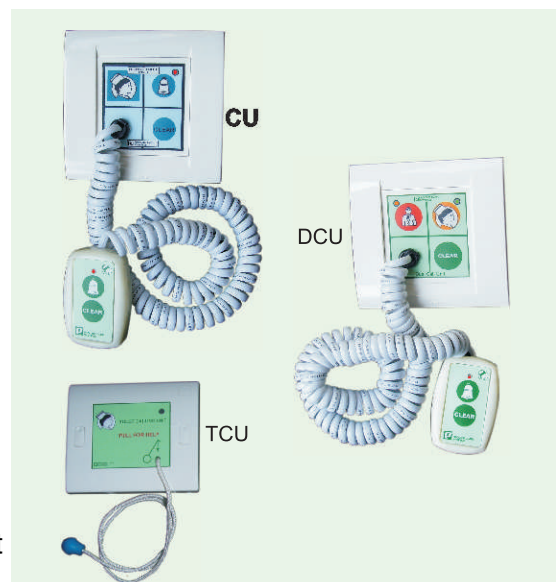
The unit is designed to provide for the two different Calls (e.g. Doctor and Nurse). Two separate windows at Nurse Station can be allocated.

### • 230V Isolated Electronic Calling Unit

This Calling Unit works exactly like Electronic Calling Unit except that the keys are made to work with 12V (for Patient Safety) while the long distance wire carries signal at 230V level itself to make the existing electrical buzzer wiring work.

### • Pull cord Switch (for Toilets) (TCU)

This is designed with Pull cord switch and LED Indicator. The pull cord switch toggles between 'ON' and 'OFF' whenever it is pulled thus facilitating initiation or clearing the CALL



## Door Indicator

Wall Mountable type, semi-circular shaped Indicator makes use of Super Bright LEDs to indicate the Patient's call at the Passage / Corridor.



### HEALTH CARE COMMUNICATION PRODUCTS:

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