



NURSE CALL SYSTEMS



Patient's care is undoubtedly the main aim of all hospitals and Nursing Homes. Hence there is a need to provide one dedicated line of communication to every patient so that the patient can draw attention of a nurse from his bed whenever required. Using intercoms has some major drawbacks such as handset being busy at the nurse station.

The system of having ordinary electric bells fails if nobody is there at the nurse station when the bell rings. The annoyed patient may have to repeatedly press the call button until he is attended which in turn may irritate Nurses.

The Nurse Call System from [PROCESS CARE SYSTEMS](#) takes care of the above problems. In this system any call made remains registered till the nurse attends the patient. The voice module will alert the nurse about the patient's call and his room number will be displayed on it. The call can be cleared only from the patient's room.



WHY OUR NURSE CALL SYSTEM?

We are pioneers in Nurse Call Systems and recognized as leading manufacturers in India. Our Nurse Call system is accepted widely for its reliability and performance which encouraged us to develop several other products in the field of healthcare. Our Nurse Call System has either replaced several other nurse call systems and has received repeated requirements for the following reasons,

- Designed by highly experienced engineers.
- Implemented over 300 hospitals across India.
- Room Number Display tailor made to customer requirements.
- Running successfully since 1999.
- Recognition from several multinational hospitals.
- Cost effective, efficient, compact and highly reliable.
- Maintenance free.

COMPONENTS

Control Panel



This is a Microcontroller based device placed in the nurse station with static windows which displays the room number of the calling patient and also it has a voice module to announce the call. There are three buttons on it,

Power Button: Pressing this for long time (approximately 3 sec) turns the device ON or OFF.

Mute button: It is for acknowledging a call from patient. It will make the flashing window steady and also silences the voice module until a call is cleared.

Test button: On pressing the button it will flash all the windows and will announce & Attention, Patient calling to make sure that the device is working fine.

Electronic Touch Pad



The Unit is designed with soft touch key pad consisting of one key for call initiation and another for clearing call which is required to be done by the nurse attending to the patient.

Additional push button switch is integrated to this unit by means of a coil cord to enable a patient to initiate a call from the bed itself.

Pull Toilet Calling Unit (TCU):



Here call is originated by pulling the cord and can be cleared by pulling it again. The LED indicator lights up if call is active. This allows the patient to initiate a call from squatting positions itself.

Door Indicator



These semi circular shaped indicators can be mounted on the wall near the patient's door so that, nurse walking through the corridor can see it from a distance. These are made of super bright LEDs to indicate patient's call pending which can be seen from the corridor itself.

230V Interface Module



The interface unit to convert existing wiring (laid to work with 230V AC Buzzer) to 12V DC operated "NURSE CALL SYSTEM". This interface and Nurse Call System can replace the existing buzzer system conveniently without any change in cabling but providing for patient safety which was absent earlier.

Product features:

- Makes use of super bright LEDs to enhance the life of indicators and reduce power consumption.
- Voice module with standard voice “Attention; Patient Calling” instead of buzzer makes it distinguished.
- Very low working voltage to ensure patients safety.
- Very simple design to make it easily installable and maintenance free.
- Door indicator helps the nurse to locate the calling patient easily.
- Once turned on by the patient it will remain registered till the nurse attend the patient and clears the call from the patient’s room.
- NCS is designed with static windows and one can insert a bromide film (or similar thing) with the required letters to identify the room.

Working of Nurse Call System

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 Controller/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.

“Thus NCS ensures a positive and immediate response from the nurse for the patient needs”.



PROCESS CARE SYSTEMS PVT. LTD.

11&12, 1st Floor, II nd BLOCK,
KIADB Industrial Complex, Plot No. 488,
14th Cross, 4th Phase, Peenya Industrial Area,
Bangalore-560 058.

Email: info@datacareindia.com

Telephone: 91-80-43521111 / 9731900027

Website: www.datacareindia.com

BRANCHES: Bangalore: 9731900027, Chennai : 98400-79016 / 044-64990968
Hyderabad : 96426-32244, Mumbai : 98202-17094
New Delhi : 95605-09872, Cochin : 97441-04999