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**Nurse Call System**

**Telephone Intercom Base Station**



Dimension: 175 x 225 x 80mm (L X W X H)  
Installation area: Nurse's Counter

- 2-way Handheld / Hands free calling and conversation
- Can connect up to 99 stations
- Auto-cycle digit code displays calling ward number and bed number
- Menu-based interface design for easier access and convenient usability
- The ability to customize based on the user's preferences and settings to set the intercom display options
- Can be set based on the patients' sick level to set the care level; either normal requests or emergency call for help and treatment
- Multi polyphonic ringtones and vibration, customized ringtone options for easier identification and verification
- Non-adjustable for vibration and volume
- Static online station
- Can connect to multiple Corridor LED displays for easier monitoring
- Connection distance of 1000 Meters

**NC-2000B**  
**Keyboard-based Intercom**



Dimension: 410 x 168 x 40mm (L X W X H)  
Installation area: Nurse's Counter

- 2-way Handheld / Hands free calling and conversation
- Can connect up to 99 stations
- Auto-cycle digit code displays calling ward number and bed number
- Menu-based interface design for easier access and usability
- Integrated dual-color display (with digital LED) and calling display
- Can be customized according to the user's setting to set the intercom displaying options
- Can be set based on the patients' sick level to set the care level; either normal requests or emergency call for help and treatment
- Multi polyphonic ringtones and vibration, customized ringtone options for easier identification and verification
- Non-adjustable for vibration and volume
- Static online station
- Can connect to multiple Corridor LED displays for easier monitoring Connection distance of 1000 Meters

**Portable Communications Unit**



Installation area: Nurse's Counter (Pictured items are for referential display only, actual units may differ with relevant systems setup unit)

- Cordless, mobile communication system
- Portable based handheld for 2 way calling , direct speaking
- Auto-cycle digit code displays calling ward number and bed number
- Multi polyphonic ringtones and vibration can be selected for easier identification and verification
- Adjustable loudness for ringtone
- Effective indoor connection distance of approximately 50 meters (subject to location and environment)
- Pictured herewith; a cordless handset unit for integrated Portable Communications System Setup/utilization

**NC-303**  
**Power Supply Unit**

- Centralized power distribution
- voice and data exchange
- can be equipped with broadcast functionality
- Support 2-in-1 capacity functions
- Consistent and steady power supply for continuous operation and use
- Power connection capacity - same or more than 100, with surmountable power increase for added support
- 5-Core bus system utilization
- Technical Parameters relative humidity of ? 80%
  - Input Voltage : AC220 50Hz;
  - Idle State power consumption : 20W
  - Bus voltage : DC 15V
  - Working Environment : Environment temperature 0 ~ 40 °C



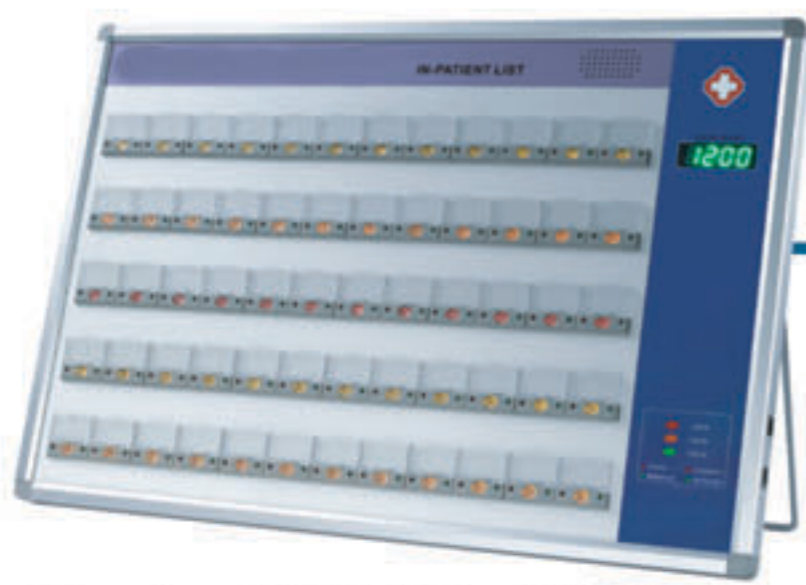
Dimension: 215 X 285 X 70MM (L X W X H)  
Installation illustration: Install at nurse working counter, need to setup/allocate a dedicated AC 220V power supply socket, the socket should design for single-circuit, with the condition needing approval prior to the inclusion into the hospital UPS system.



**NC-501**  
**Patient List Display Board**

Dimension: 560 X 400 X 30mm (L X W X H)  
Installing Illustration: To be installed on nurse's desk and adjoining corridor walls, with height differentiation of 1.3meters from ground up.

- Made of alloy and aluminum-forged plates for that good looking and distinctive appearance
- 60 card holders for patient small medical records, based on the situation of wardroom premises availability. Each medical card will be placed to the relative position.
- 36 card holders for patient small medical records, based on the situation of wardroom premises availability. Each medical card will placed to the relative position. (For use with NC – 500)
- Extension calling lights:
  - Long red light flashes for normal distress signal calls
  - Flashing lights indicate emergency and urgent distress signal calls
- Wall-mountable setup (with 500mm drill) or normal setup (on a table)



## NC-502A Patient List Display Board

Dimension: 560 X 400 X 30mm (L X W X H)

### Installing Illustration :

To be installed on nurse's desk and adjoining corridor walls, with height differentiation of 1.3meters from ground up. Setup unit must be installed together with a single-independent AC 220V current socket, and must be integrated into a multipurpose system ward setup as approved by the hospital for a complete UPS system

- Made of alloy and aluminum-forged plates for that good looking and distinctive appearance
- 60 card holders for patient small medical records, based on the situation of wardroom premises availability. Each medical card will be placed to the relative position.
- Extension calling lights:
  - Long red light flashes for normal distress signal calls
  - Flashing lights indicate emergency and urgent distress signal calls
- Built-in transfusion monitoring lights :
  - Orange lights indicate transfusion monitoring needed for the relative patient.
  - Blinking lights indicates the alarm for the transfusion and voice hinted will be given.
- Beijing Time Indicator with Number-calling display mechanism
- 3-Tier Setting and design display mechanism
- Wall-mountable setup (with 500mm drill) or normal setup (on a table)



## Multi Display Terminal Software (For LCD Monitoring System)

- Compatible with WINDOWS 98, 2000, XP OS
- Real-time display of patients' details and health records, medical history (with detailed tracking of names, hospital check-in record, treatment details, short medical message display, age etc), dynamic display when extension calling.
- During multiple extension calls, turning over display
- The ability to display the quantity of patients based on the display screen's adjustable windows
- Each patient's information can be amended easily, real time update.
- Easily manage and track the record of patients' medical details for printing purposes based on implementing the variety of combination options.
- Software interface is direct observation, data records clearly understood, good for service management and monitoring.
- Comprehensive statistic information, base on the software database format to generate the reports.
- With the PC-platform based to implement scalable storage, able to check the calling history at any moment.
- Expandable and can be integrated with the hospital Total Hospital Information Systems (THIS) system (Software interface details can be browsed by accessing to the website.)

## NC-306 Intercom Device



Dimension: 200 X 90X 34MM (L X W X H)

### Installation Illustration:

To be installed in all wards and medical rooms with medical facilities

- Linked to the system by implementing bus connection, with a connection range of up to 1000meters
- High quality speakers system with voice clarity amplifier and loudness control
- Implement online coding options and the ability to set the number randomly.
- Can call to the master station and hands free for 2 way direct speaking.
- Electronic touch screen based calling/ reset button.
- Handheld calling interface
- Transfusion monitoring alarm interface
- Round-shaped calling light
- Stereo speakers system with ear-phone jack
- Automatic selection system, with variable volume selection knob
- Channel and digitized volume display
- Wardroom television with audio reception

## SJ-092B Nurse Call Hand Held Button

- High sensitivity microphone
- Electronic touch based calling/reset button
- Equipped with calling/light control display
- A single current switch can implement turn on/off control.
- Wall-mounted for easy and convenient access and use
- Light controls to be used together with DK-101 light control unit
- Distress signal distance : 140Cm (peak power) ; 80CM (idle mode)
- To be integrated into the main extension utilization



Dimension: 93 X 60 X 25MM (L X W X H)

Installation illustration: to be connected with the extensions.

## SJ-092D Nurse Call Hand Held Button

- High sensitivity microphone
- Electronic touch based calling/reset button
- Equipped with calling/light control display
- A single current switch can implement turn on/off control.
- Wall-mounted for easy and convenient access and use
- Light controls to be used together with DK-101 light control unit
- Distress signal distance : 140Cm (peak power) ; 80CM (idle mode)
- To be integrated into the main extension utilization



Dimension: 93 X 60 X 25MM (L X W X H)

Installation illustration: to be connected with the extensions.

## NC-2000BA Nursing / Patient Control Panel

- Adopt online coding method to set the number,
- Control over the ward room's lights to implement multi status instructions among the patient and
- Press nursing personnel button once, Permanent GREEN LIGHT indicates there is already a nurse attending to the patient's needs Press once again, Flashing GREEN LIGHT indicates the need of more assistance and additional nurses to tend to the patient's needs
- Reset button will reset the nursing personnel button.
- When washroom emergency calling is triggered, red light flashes, alarm sound will be triggered as well
- Press washroom reset button can reset the washroom emergency calling



Dimension: 138 X 85 X 30MM (L X W X H)

Installation Instructions: To be installed at the entrance of the ward room, next to the main switch, inline with the "8-6" panel cover, to which the measurements are specified accordingly to a 150MM radius from within the box.



Dimension: 132 X 65 X 38.55MM (L X W X H)

Installation illustration: To be installed in the medical treatment facilities areas secretly.

- To be used together with NC-305, 306 series of intercom devices
- A single current switch mechanism for controlling the lights and volume
- Current overload protection system (embedded with A AC220V / 0.5A type fuse)
- Technical parameters
  - Input voltage : AC220 50Hz;
  - Idle state Power Consumption : 5W
  - Power switch maximum load : AC220V ? 3A
  - Output Voltage : DC15V
  - Operating Method : Continuous
  - Working environment: environment temperature 0 ~ 40 °C relative humidity of ? 80%

## NC-203

### Emergency Pull-string Panel

- Made in accordance with international standards of "86" Fuse box design, easy installation and setup
- Emergency pull-string method for emergency calling
- Equipped with emergency calling light
- Water-proof design, to be integrated with water-proof tiling to ensure device is operational even in humid conditions
- To be used together with NC – 2000BA Nursing State Control device



Dimension: 86 X 86 X 20MM (L X W X H)

Installation notes: To be installed in the toilet walls 20 millimeters from the top, near to the toilet bowl position, inside a "86" fuse box design



Dimension: 86 X 86 X 36MM (L X W X H)

Installation notes: To be installed in the toilet walls 20 millimeters from the top, inside a "86" fuse box design

- Made in accordance with international standards of "86" Fuse box design, easy installation and setup
- A huge-red emergency calling button design for fail-proof operating mechanism
- A press-button mechanism for emergency calls
- Comes with SOS light beeps
- Water-proof design, to be integrated with water-proof tiling to ensure device is operational even in humid conditions
- To be used together with NC – 2000BA Nursing State Control device

## NC-203A

### Emergency Pull-string Panel

## NC-405

### LED Display Panel

- Made of alloy and aluminum for that good looking and distinctive appearance
- When there is no calling from extension, will display BeiJing time (24Hours setting) and display texts such as, WELCOME TO XX HOSPITAL!, NO SMOKING!, PLEASE REMAIN SILENT! etc.
- When there is a extension calling display, there will be a variety options display, such as :
  - "Ward 01 bed 02 is calling", constant light up indicates normal calling
  - "Attention Room 02 Ward 03" will constantly blink up on the display to indicate Room number 2 ward number 3 needs attention (emergency distress call)
  - "Room 05 Ward 10 transfusion" will constantly lit up on the display to indicate Room number 5 ward number 10 needs attention (for fluids infusion)
  - "Room 03 WC" will constantly lit up on the display to indicate Room number 3 needs immediate attention to the toilet
- Should there be multiple instances of distress signal, it will display the first 3 distress signal calls, then followed by the next batch of distress signals
- Distress signals can be displayed on both sides of the display panel
- The display panel can save up to 10 distress signal calls at any one time
- During an emergency the display panel will constantly flash the emergency distress signal calls first, to be then followed by the next emergency distress signal



Dimension: 950 X 180 X 65mm (L X W X H)

Installation illustration: To be installed on corridors at the sick ward, wall mounted and hung onto the ceiling. To be installed together with AC 220V power switch, then connected to the main switchboard control panel and system mechanism, then relayed back to the hospital's UPS system for data tracking and control



Dimension: 138 X 85 X 52MM (L X W X H)

Installation illustration: to be attached on the top of the patient's room, inside a "86" fuse box.

- Tri-colored light with five stages display panel indicator for patient in distress, patient treatment and nursing sessions
- Installed with 8 Ohm tri-colored high-emitting LED lights
- The glow of red lights indicate there is a patient needing attention, , blinking red lights indicate there is a distress signal call during an emergency
- The glow of amber lights indicate fluid transfusion were in progress
- The glow of green lights indicate nurses are attending to a patient, blinking green lights indicate more nurses or medical personnel are needed to treat a patient

## NC-602

### Tri-Colored Indicator Unit

# MDM Link Nurse Call System Integration Diagram

- NC-2000B - Keyboard-based Intercom
- NC-303 - Power Supply Unit
- NC-701 - Portable Communications Unit
- NC-502A - Patient List Display Board
- NC-405 - LED Display Panel
- NC-602 - Tri-Coloured Indicator Unit
- NC-306 - Intercom Device
- SJ-092D - Nurse Call Hand Held Button
- NC-203A - Emergency Pull-staring Panel
- NC-2000BA - Nursing/Patient Control Panel
- SY-201 - IV Monitoring Device
- DK-101 - Remote Lighting And Volume Control
- NM-209 - TV Volume Control
- EJ-100 - Stereo Headset
- GF-432 - Audio Cable

