

## NX0418 Nurse call IP console with PoE



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#### Description

NX0418 console is used to receive alarm calls from the IP room terminals, with autonomous operating and with software.

Through the 5" touch colour screen and the physical buttons, the alarms are shown, the personnel presence in the rooms and the state of the connected terminals and the rest of the consoles in the installation.

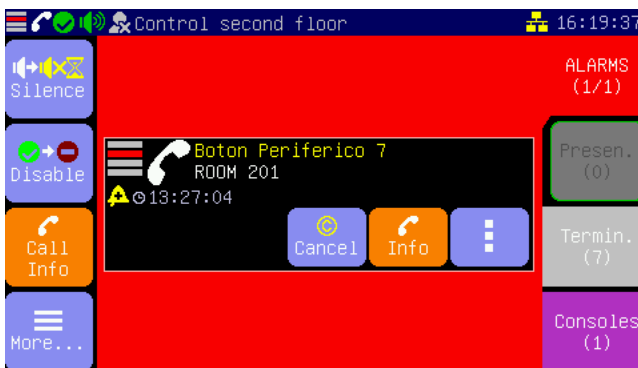
The RFID reader incorporated allows to identify the health personnel, enabling the configured functions and allowing that the realized actions are properly registered. It also allows to codify alarms and tasks performed by the health staff.

The nurse call console can be located at the nursing station, which is often out of sight and earshot of the patient rooms. Besides prioritizing the calls, enabling dual and uninterrupted communication, the center console shows the room number and call state.

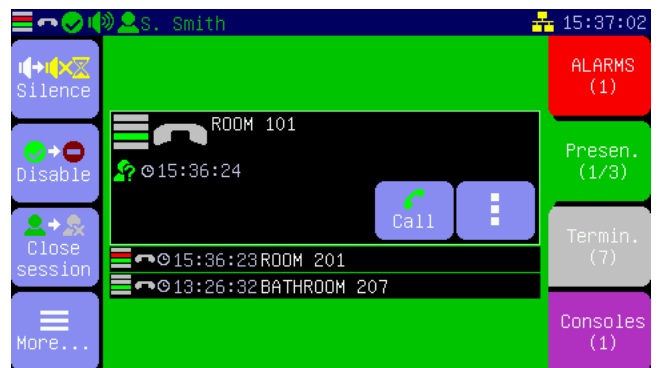
The call console is a critical communications device designed for this purpose. The system includes audio/visual signals that indicate communication with the respective room. Signals can be initiated by patients or staff from anywhere with a room station, as headboards, baths and showers of the patients.

#### Features:

- 5" touch colour screen, resistive type, (it can be used with gloves)
- Integrated speaker and RFID
- External microphones and headphone connectors
- HD Audio high fidelity, full-duplex audio excellent in speakerphone with advanced acoustic digital echo cancellation and excellent performance in two-way conversation mode.
- Integrated adjustable microphone
- Physical buttons to star/end communication (with backlight), turn up and turn down volume and cancel alarm.
- Linux operating system
- Microprocessor ARM Cortex-A8 720MHz, RAM 128MBytes DDR2 and 4GBytes
- Easy installation, desktop equipment
- Dimensions 215 x 130 x 76 mm, microphone Ø 16 x 190 mm



Alarm list software screenshot



Presence list software screenshot

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### LAN communication interface:

- Ethernet 10/100BaseT communication, with auto-negotiation, auto-MDIX and automatic polarity detection
- Ethernet Switch integrated with 2 RJ45
- VoIP SIP calls, peer-to-peer or via server
- SIP protocol, paging/intercom and RTP multicast
- Codec wideband (16kHz) G.722 and G.711 (A-law and u-law).
- Digital echo cancel
- Pager SIP/Intercom and RTP multicast with 10 prioritizable channels
- Web interface for system configuration
- FXS port for analog phone connection:
  - Telephone service over Ethernet
  - Possibility to stay hands-free conversations on the phone with just unhook
- Encrypted data communication

### Power:

- Low-power technology
- Power 12Vdc or PoE IEEE 802.3a-f

### Functions:

- Audio communication with terminals and consoles
- Alarm list: type, time, state, alarm provenance
- Audiovisual presence nurses indicator in the room
- It allows entry realized tasks by staff through a screen
- Phone dual track.
- Volume control
- It allows dual and uninterrupted communication
- Incorporated hands-Free communication or via telephone (FXS port)
- Complete interface of user via touch screen
- On-line operation (with software) and off-line (autonomous)
- Volume depending on the time