



### VARIANTS:

**Patient to Staff**  
with Patient Handset  
with integral Pull Cord  
with Emergency  
with Cardiac  
with Staff Presence

**Staff to Staff**  
with Emergency  
with Cardiac

### Description:

ARM's new HTM 08:03 compliant wireless Nurse Call units, incorporating antimicrobial protection, can now be confidently deployed into hospitals.

Traditionally the failure of an old hardwired Nurse Call system has meant lengthy delays and expensive closures of wards while replacement cables are run. With the new HTM compliant wireless Nurse Call units from ARM, a new/replacement system can be easily installed with the minimum of disruption and cost.

Different Call Points are available to suit any environment; and are designed to meet the standards required by the Health Department. Whether it's a Patient Call Point with **Red Emergency Pull Switch** for use in a general ward or the Cardiac Call Point with **Blue Cardiac Pull Switch** created for intensive care departments.

The Patient Handset is sealed to IP67 to enable it to be easily cleaned to reduce cross infection risks between patients, either by using alcohol wipes or dipping in a disinfectant solution. The Patient Handset is equipped with both a Call Reassurance LED, and a backlight ensuring a patient can always locate the handset in the dark. There is also a version of the Patient Handset with an integral light switch to operate the bed side light, with the option for the Call Point to be powered from this source with battery back up.

- Wireless systems offer unlimited flexibility at a fraction of the cost of a hard wired alternative
- Installation is quick with minimal dust & disruption to the ward
- The wireless Call Points are fully supervised and monitored by the control panel
- Call Point low battery monitoring via control panel
- Dementia Care & Assistive Technology devices can easily be added to the system  
(e.g. fall sensors, door monitoring, pressure mat, head tilt switch, enuresis sensor)

### Technical Specification:

- HTM 08:03 compliant
- Appropriate "pull to activate" Emergency or Cardiac switches
- Reassurance LED's and comfort sounder
- Dual tone Wireless Over Door Indicator Lights triggered locally by call unit
- Wireless Follow Me Indicator Lights
- Fully supervised system monitoring & factory set unique identities

**Technical Details for HTM 08:03 Compliant Nurse Call System:**

**Patient to Staff Call:**

- Orange Patient Call Button with Nurse Symbol
- Reassurance LED illuminates steadily on Patient Handset & Call Point
- Over Door Indicator Light illuminates steadily
- LCD display at Staff base with Call/Alarm location
- Audible tone in range 500Hz to 800Hz (ON = 1 second and OFF = 9 seconds)

**Patient Handset:**

- A robust handset IP67 rated to enable dip sterilisation, with a large push button with Nurse Symbol and integral reassurance LED
- Low Level Light Sensor activates backlight on handset Push Button to allow easy location in dark with strain relief on both ends of the cable
- Monitored cable so that a break in the cable or withdrawal of the plug will initiate a non resettable call
- Bed Linen Clip attached to Handset Lead with a wall tidy holster for parking the handset when not in use
- Option to operate Bedside Light and for Call Point to be powered from light source with battery backup.

**Toilet/Bathroom Calls:**

- Patient Calls from Toilet/Bathroom can have a higher priority
- Optional Infrared Ceiling mounted Pull Cord switch for showers, bathrooms or toilets
- Reassurance LED illuminates steadily on Call Point when triggered
- Over Door Indicator Light illuminates steadily
- Audible tone in range 500Hz to 800Hz (ON = 1 second and OFF = 3 seconds)

**Emergency Calls:**

- Red Emergency Pull Switch
- Audible tone in range 500Hz to 1000Hz (dual tone ON = 0.5 seconds and OFF = 0.5 seconds)
- Over Door Indicator Light flashes in phase with sounder
- Group Lights (e.g. outside a four bedded ward) an emergency call takes precedence over a normal call

**Cardiac Alarms:**

- Blue Cardiac Pull Switch
- Audible tone in range 500Hz to 1000Hz (dual tone ON = 0.25 seconds and OFF = 0.25 seconds)
- Over Door Indicator Light flashes in phase with sounder
- Group Lights (e.g. outside a four bedded ward) a cardiac alarm takes precedence over a normal call

**Over Door Indicator Lights & Follow me lights with Sounder:**

- Visual & Audible signals in accordance with HTM 08:03

**Specification:**

System Size:	Up to 64 control panels and 3,000 sensors per system
Outputs:	RS232 port for paging system. Selectable DECT or paging protocols RS232 port for system printer RS232 port for computer interface for data logging 2 programmable fully monitored outputs 2 programmable auxiliary relays
Inputs:	2 programmable hardwired alarm inputs
Display:	Backlit LCD display with 2 lines of 20 characters, giving plain English text messages
Event Log Storage:	2 x 500 events on board storage or Infinite via data logging output to PC
Panel Supply:	Mains: 240V 50Hz 75VA maximum Battery: 12V internal re-chargeable giving up to 24 hours standby
Radio Frequency:	173.225 MHz
Power Level:	Effective radiated power: 10mW integral aerial, approved to ETSI EN 300 220-1
Call Points:	3.6v battery (up to 3 years) or mains supply with battery back up when integrated with bedside light

In pursuance of a policy of continued improvement, the company reserves the right to change the design and specification without prior notice

Supplier:

**HTM Nurse Call**

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