



arm wireless HTM Nurse Call system has been designed to meet HTM 08-03 standards required by the Department of Health. 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 a wireless HTM nurse call system from **arm**, a new or replacement system can easily be installed with minimum disruption and cost.

Call Points are available in different forms;

- Patient call point with patient handset and red emergency pull switch for beds.
 - *Patient handset has a call reassurance LED and backlight to enable location in the dark.*
 - *Optional patient handset with bedside light switch and facility to power call point from light source.*
- Patient call point with integral pull cord and red emergency pull switch for toilets.
 - *Optional ceiling pull cord for toilets.*
- Patient call point with red emergency pull switch for dayrooms, treatment rooms etc.
- Call point with blue cardiac pull switch for use in intensive care departments.
- *Optional staff presence facility on call points.*

Infection control: to help with the fight against the spread of infection;

- Call points have an anti-microbial additive embedded within the plastic.
- Patient handsets are IP67 rated to enable dip sterilisation.
- Anti-microbial pull cords.

Visual & audible signals:

- Wireless indicator lights are easily installed above beds or outside rooms/wards.
- Patient handsets and call points incorporate a LED for patient reassurance.
- Follow-me-lights are installed in corridors to quickly guide staff to the origin of calls.
- Sounders are installed in corridors, ward office, utility rooms.

Flexible, quick and easy to install:

- Wireless systems offer unlimited flexibility and more cost effective alternative to wired systems.
- Installation is quick with minimal dust & disruption to the ward.
- Wireless call points are fully supervised and monitored by the control panel.
- Call point low battery monitoring via control panel.
- Call logging software for full audit trail.



HTM Nurse Call



All-in-one back plates make old hardwired systems even easier to replace. The plates are made to measure to match existing old hard wired plates and can include the following options:

- bedside light switch and power socket
- operate bedside light switch from patient handset
- power call point from lighting source with its battery as a backup.

Call points can also be mounted on existing trunking with the bedside light relay fitted behind.

Call points have an infra red sensor on the front which can be activated by personal alarm units; therefore extending the nurse call system's capabilities to include a staff alarm system for nurses and doctors in A&E departments.



Infra red ceiling location units can be fitted within corridors/waiting areas to provide added coverage for the staff alarm system. Personal alarm units have two levels of alarm (*Assistance & Attack*) and an emergency rip cord/toggle. An optional automatic man down alarm provides reassurance for Loner Workers.

Technical Specification:

• • • System Size	• max 64 control panels 3,000 devices (factory set unique identity)
• • • Outputs	<ul style="list-style-type: none"> • 2 programmable monitored outputs • 2 programmable auxiliary relays • RS232 port for Call Messaging to Pagers/DECT handsets • RS232 port for Call Logging (connection to PC/Printer) • RS232 port for programming
• • • Inputs	• 2 programmable hardwired alarm inputs
• • • Display	• Backlit LCD display with 2 lines of 20 characters, giving plain English text messages of call information and fault messages
• • • Handset	• reassurance LED backlight IP67 rated optional bed light facility
• • • Call Types	• Patient Call Emergency Cardiac Reset Presence Lead Removed Low Battery Fault
• • • Call Logging	<ul style="list-style-type: none"> • Call Logging Software with management reporting functions • Panel has 2 x 500 event rolling memory (can be exported to printer or PC)
• • • Zoning	• Multiple zones can be set for: displays call levels floors areas pagers
• • • Power	<ul style="list-style-type: none"> • ERP: 10mW integral aerial (licence exempt) • Mains: 240v 50Hz 75VA maximum or equivalent • Battery: 12v internal re-chargeable giving up to 24 hours standby • Call Points: 3.6v lithium battery (up to 3 years under normal operating conditions)
• • • Frequency	• 173.225 MHz
• • • Standards	• HTM 08-03 EN 301 489 EN 300 220 RoHS WEEE