Wireless nurse call, staff alarm & emergency call systems
Alarm Radio Monitoring is the market-leading designer, manufacturer and installer of end-to-end, wireless nurse call and staff alarm systems.

**Constantly safeguarding teams and their customers in the most demanding environments**

Premier healthcare providers choose ARM because:

- ARM controls the manufacturing and specification process behind its products – right down to making our own batteries. Lives depend on them.
- Bespoke features can be incorporated into our systems without compromising quality.
- Super-service – telephone and online support without mandatory contracts.
- ARM harnesses advanced technology to resolve your needs rigorously, economically and quickly.

Our wireless solutions include:

- Nurse call for care homes
- Nurse call for hospitals
- Staff alarm / lone working
- Leisure alarms

For further details please visit [www.arm.uk.com](http://www.arm.uk.com) or contact us on 01568 610 016 or send an email to sales@arm.uk.com
Nurse call systems

- quick & simple to install
- user friendly
- flexibility
- full audit trail
**arm Nurse Call** system has been developed over 25 years with both the client and user in mind. It enables staff to efficiently answer calls, making the management of resources more flexible and provides the functionality you would expect of any nurse call system.

Providing up to seven levels of call with descriptive text displays the system is fully supervised. The regular transmissions between the individual call points and the system ensure continuous monitoring of the system’s functionality.

The **arm Nurse Call** system is quick and easy to install with radio communication between both the call points and the system infrastructure.

Unique factory set device identities allow for modular design and installation. System programming can be achieved using a computer keyboard and the on-screen menus.

Assistive Technology devices can easily be linked to the **arm Nurse Call** system; such as Epilepsy, Enuresis or Movement sensors. These devices provide automatic monitoring and activation of the nurse call system, offering reassurance to both users and staff.

Once a device is operated, the comfort LED on the unit will flash and a tone is generated to inform the user that their call has been sent to the system and staff have been alerted.

Display units will show the level and location of all calls on the system, along with a different audible tone for different levels of call.

Call messages can be sent direct to staff via DECT telephone handsets or pagers to speed up response times.

Through more detailed programming both the DECT handsets and pagers can be zoned. Providing specific call types or locations to individuals or groups ensures those who need to know, receive information quickly & clearly.

Displays provide information detailing the identity of the call and its level. These displays can be zoned to provide information to given areas and have a separate and distinct day/night mode for user and client comfort. Calls are scrolled on the displays with higher status calls taking priority.

If a call remains unanswered for a pre-determined time, the system will escalate it to alert staff that assistance is still required.

Computer software is available for a graphical display monitor showing calls in priority order with active timer.

Call logging options are also available, either using a printer or software to keep a permanent record of all activity, to provide a full audit trail.

Night time observation rounds can be monitored and management reports can be viewed, exported and printed using the call logging software.
**Nurse Call**

**Call Points:** have anti-microbial additives embedded within the plastic to provide extra protection against the spread of infection. Pear push call leads are IP67 rated to enable dip sterilisation.

Call points come as standard with a large staff-to-staff assistance button, emergency button, reset button and infra red sensor.

Other versions of the call point also include:
- a pear push lead and monitored input socket
- an integral pull cord
- an air pressure bulb
- door/door bell monitor with staff override key-switch

**Infra Red:** nurse call points have a built in infra red sensor to allow remote activation via an infra red trigger device which can be carried by residents or staff. These small lightweight devices are available in different forms. (IR fobs, IR wrist button, Pendant, Belt-Clip)

Pendants and Belt-Clips are also available with combined infra red and radio alarms to provide a level of redundancy.

---

**Technical Specification:**

| **System Size** | • max 64 control panels  
|                | max 3,000 devices (factory set unique identity) |
| **Outputs**    | • 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 |
| **Call Types** | Resident Call | Staff Call | Emergency | Reset | Staff Presence  
|                | Lead Removed | Low Battery | Fault | Door Open | Door Bell |
| **Call Logging** | Call Logging Software available for continuous recording of all calls/events 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**       | 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 (3-4 years under normal operating conditions) |
| **Frequency**   | 173.225 MHz |
| **Standards**   | EN 301 489 | EN 300 220 | RoHS | WEEE |
Hospital nurse call systems

- HTM nurse call
- Infection control
- All-in-one back plates
- Radio overdoor indicator lights
The 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.
**System Size**
- max 64 control panels | 3,000 devices (factory set unique identity)

**Outputs**
- 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**
- 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**
- 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

---

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:
Staff alarm system

• mobile & fixed alarms

• radio & infra red technology

• location

• lone worker
Staff Alarm

arm Staff Alarm system is a dual-technology based portable alarm system which combines both the unique location & identification capability of infra-red alarms with the integrity and security of a fully supervised radio system.

The system consists of fully monitored & addressable wireless ceiling or wall mounted location units making installation quick and easy with minimal disruption.

arm personal alarm (PA) devices feature 2 levels of alarm (assistance & attack) and an emergency rip cord (beltclip version) or an emergency neck toggle (pendant version). An optional man down automatic alarm provides reassurance for lone workers.

PA devices emit their identity to location units every 5 seconds, this information is then recorded by the system and updated each time a new location is detected, keeping a constant track of where each PA device is.

When a PA is activated it sends both infra red and radio alarm signals. The infra red alarm signals are received by the Location unit, which relays the location to the system raising the alarm. Simultaneously the PA’s radio alarm signals are transmitted directly to the system providing a level of redundancy.

Displays can be zoned to provide alarm information to given areas and have a separate and distinct day and night programming mode.

For a faster response, incident messages can be relayed direct to responders by interfacing Pagers or DECT handsets into the system.

Incorporating a relay expansion card can provide an interface to CCTV systems for camera or video activation. Once an incident occurs the corresponding camera is activated.

Management reports can be easily viewed, exported or printed using the call logging software to keep a permanent record of all events on the system.

The system utilises both its data log and the information provided by the location unit in alarm, and alerts the response team with the PA identity and location.
Staff Alarm

Location & Fixed Alarm Points: contain infra red sensors for receipt of infra red alarm signals generated by a Staff Personal Alarm unit and radio transmitters to communicate information to the system.

- Ceiling Location Unit: designed to look like a low profile smoke detector, provides 360° cover.
- Help Call Unit: splash proof membrane, Assistance, Emergency & Reset buttons.
- Affray Unit: with a large red mushroom panic button and keyswitch reset.
- Emergency Call Unit: with a red Pull to Activate/Push to Reset switch. (does not contain infra red sensor)

Staff Personal Alarm Units: are available in different forms (IR Fob, Pendant, BeltClip) having two levels of alarm (Assistance & Attack). The Pendant & BeltClip units come in different versions (Dual Tech, Radio only or Infra Red only) to suit individual requirements.

The Emergency Snatch Cord on the BeltClip unit and the Neck Cord Toggle on the Pendant, provide a quick way to summon help.

An optional Man Down Alarm provides reassurance for Loner Workers.

Technical Specification:

<table>
<thead>
<tr>
<th>System Size</th>
<th>• max 64 control panels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• max 3,000 devices (factory set unique identity)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outputs</th>
<th>• 2 programmable monitored outputs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• 2 programmable auxiliary relays</td>
</tr>
<tr>
<td></td>
<td>• RS232 port for Call Messaging to Pagers/DECT handsets</td>
</tr>
<tr>
<td></td>
<td>• RS232 port for Call Logging (connection to PC/Printer)</td>
</tr>
<tr>
<td></td>
<td>• RS232 port for programming</td>
</tr>
</tbody>
</table>

| 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 |

| Call Types           | Assistance | Emergency | Man Down | Reset | Low Battery | Fault |

| Call Logging         | • Panel has 2 x 500 event rolling memory (can be exported to printer or PC) |
|                      | • Call Logging Software available for continuous recording of all calls/events with management reporting functions |

| Zoning               | • Multiple zones can be set for: displays | call levels | floors | areas | pagers |

| Power                | • ERP: 10mW integral aerial (licence exempt) |
|                      | • Mains: 240v 50Hz 75VA maximum or equivalent |
|                      | • Battery: 12v internal re-chargeable giving up to 24 hours standby |
|                      | • Location Units/Call Points: 3.6v lithium batteries (3-4 years) |

| Frequency            | • 173.225 MHz |

| Standards            | • EN 301 489 | EN 300 220 | RoHS | WEEE |
Emergency alarms

- leisure centres
- gyms
- swimming pools
Call systems for hotels, leisure centres & swimming pools

arm Leisure Alarm system is a wireless alarm system ideal for use around swimming pools for life guards to signal for assistance should anyone get into trouble in the water.

The wireless Help Call Units feature two levels of alarm (Emergency & Assistance) and are fully addressable to ensure assistance is directed to the relevant location.

Provide a complete wireless call system, by locating units in other areas of the building such as:
- gym
- sauna/steam room
- sports hall
- studios
- toilets
- changing rooms

Other types of call points are available to meet different requirements (e.g. pull cords for toilets).

• Calls levels or areas can all be zoned, to ensure the right staff respond.
• Installation is quick and easy, with minimum disruption to the building due to the wireless call points.
• Sounder beacons can be located around the building to provide visual & audible notification to staff of an incident.
• For rapid response calls can be sent to staff pagers.
Pool Alarm

Technical Specification:

- **System Size**
  - max 64 control panels
  - max 3,000 devices (factory set unique identity)

- **Outputs**
  - 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

- **Call Types**
  - Assistance | Emergency | Reset | Low Battery | Fault

- **Call Points**
  - Help Call Units (IP65)

- **Call Logging**
  - Call Logging Software available for continuous recording of all calls/events 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**
  - 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 (3-4 years under normal operating conditions)

- **Frequency**
  - 173.225 MHz

- **Standards**
  - EN 301 489 | EN 300 220 | RoHS | WEEE
Call logging & accessories

• management reports
• assistive technology
The **arm** Call Logging software provides NHS & care home users with a facility for recording all activity which has occurred during the course of the day. Enabling managers to monitor, record, export or print management reports on all calls and response times.

Night time observation rounds/regular checks can be recorded and monitored using the software, simply by staff pressing the reset button on the nurse call point or using a staff IR fob for staff identification.

A full audit trail of events is recorded, allowing users to easily search for a specific event/location/day using simple tick boxes, drop down menus and calendar functions.

The **arm** Call Logging software also provides useful maintenance reports in the form of:

- Battery log: displays current battery levels of devices on the system.
- Maintenance summary: displays any faults recorded on the system during search period.
- Sensor listings: displays name, sensor number & serial number of all devices on the system.

Reports can be viewed, printed or exported to excel or pdf.

This software is becoming very popular as a useful management tool and can also act as a live display.

**System requirements:** Windows XP, Vista, 7, 8, 8.1 & 10 serial port or USB-serial adapter required

**Please note:** existing customers can incorporate the call logging software at anytime, this can either be installed by our engineers or delivered for self installation.
There are many accessories or replacement parts available to add onto your arm Nurse Call system as your needs change.

- Assistive Technology devices to enhance your system.
- Paging/DECT systems to provide Calls quickly and directly to staff to enable them to provide the highest level of care possible.
- Management Reporting & Call Logging to keep a record of all activities.

For further information please visit www.arm.uk.com or contact a member of our sales team on 01568 610 016.

**Ancillaries:**

arm offer a variety of ways to ensure everyone can call for assistance comfortably and safely.

**Assistive Technology Sensors:**

To enhance your arm Nurse Call system ‘Assistive Technology’ devices can be plugged into the socket of the Nurse Call unit, which will provide automated monitoring & alerting via the Nurse Call system.

**Pagers & DECT Phones:**

Make the most out of your system by adding Pagers or DECT phones for members of Staff on the move. Handle calls promptly with Nurse Call messaging direct to Staff. *(Paging transmitter required for pagers and DECT system infrastructure required for DECT phones.)*

Alarm Radio Monitoring Ltd, Brunel Road, Leominster, Herefordshire. HR6 0LX
T: 01568 610 016 | F: 01568 615 511 | E: sales@arm.uk.com | www.arm.uk.com
**Nurse Call Accessories**

**Call Logging:**

Keep a record of all of the activity which occurs on your Nurse Call system, including Calls, Response Times, Staff Observation Rounds & Low Batteries.

All events are time and date stamped for future reference either using a printer or PC software. The PC software is fully searchable and allows Management Reports to be viewed easily and printed/exported if required.

**Personal Alarms:**

Infra Red or Radio Personal Alarm units can be incorporated into the system for remote signalling by residents or staff/lone workers. These portable alarm units are available in various styles:

**Consumables:**

- **AA Battery with Lead**
  BAT-AAL
- **AA Batteries on PCB (x2)**
  BAT-AABB
- **AA Battery on PCB (x1)**
  BAT-AANC
- **AA Battery**
  BAT-AANL
- **AAA Pager Batteries (x40)**
  BAT-AAA
- **Control Panel/Door Monitor Keys (901)**
  PA2/CPK2
- **Master Display Keys (007)**
  PA2/RDK2
- **Double Adapter**
  S64-ADT
- **Flexi Double Adapter**
  S64-ADTFLEX
- **Angled Double Adapter**
  S64-ADT-L
- **Linen Clip**
  S64-PPLC
- **Pear Push Lead Wall Holster**
  S64-PPH
- **Wall Bracket**
  S64-WB
- **USB Charger**
  S64-CHG
- **Pull Cord Triangles**
  S64-TRI
- **Pager Boot & Lanyard**
  S64-ZMRB
- **Indicator Light**
  S64-RODL or S64-ODL-HW (Radio or Hard Wired)
- **Room Sounder**
  S64-EXT-SND
- **Anti-Ligature Shroud**
  S64-ALS

**Call Logging Software**

S64-SWI

**Thermal Printer**

PRN-T

**Thermal Printer Paper**

PAP-T

**IR Fob - (rechargeable)**

Resident version: S64-IRFR-36
Staff version: S64-IRFS-36

**IR wrist button**

S64-IRWR-36

**BeltClip**

S64-NBC

**Neck Pendant (rechargeable)**

S64-NPEN
(2008 systems onwards)

**IR wrist button**

S64-IRWR-36

**BeltClip & Neck Pendant** are available in different versions:
1. Infra Red only.
2. Radio only or

Please contact us for more information.

**Call Logging:**

Keep a record of all of the activity which occurs on your Nurse Call system, including Calls, Response Times, Staff Observation Rounds & Low Batteries.

All events are time and date stamped for future reference either using a printer or PC software. The PC software is fully searchable and allows Management Reports to be viewed easily and printed/exported if required.

**Personal Alarms:**

Infra Red or Radio Personal Alarm units can be incorporated into the system for remote signalling by residents or staff/lone workers. These portable alarm units are available in various styles:

**Consumables:**

- **AA Battery with Lead**
  BAT-AAL
- **AA Batteries on PCB (x2)**
  BAT-AABB
- **AA Battery on PCB (x1)**
  BAT-AANC
- **AA Battery**
  BAT-AANL
- **AAA Pager Batteries (x40)**
  BAT-AAA
- **Control Panel/Door Monitor Keys (901)**
  PA2/CPK2
- **Master Display Keys (007)**
  PA2/RDK2
- **Double Adapter**
  S64-ADT
- **Flexi Double Adapter**
  S64-ADTFLEX
- **Angled Double Adapter**
  S64-ADT-L
- **Linen Clip**
  S64-PPLC
- **Pear Push Lead Wall Holster**
  S64-PPH
- **Wall Bracket**
  S64-WB
- **USB Charger**
  S64-CHG
- **Pull Cord Triangles**
  S64-TRI
- **Pager Boot & Lanyard**
  S64-ZMRB
- **Indicator Light**
  S64-RODL or S64-ODL-HW (Radio or Hard Wired)
- **Room Sounder**
  S64-EXT-SND
- **Anti-Ligature Shroud**
  S64-ALS

**Call Logging Software**

S64-SWI

**Thermal Printer**

PRN-T

**Thermal Printer Paper**

PAP-T

**IR Fob - (rechargeable)**

Resident version: S64-IRFR-36
Staff version: S64-IRFS-36

**IR wrist button**

S64-IRWR-36

**BeltClip**

S64-NBC

**Neck Pendant (rechargeable)**

S64-NPEN
(2008 systems onwards)

**IR wrist button**

S64-IRWR-36

**BeltClip & Neck Pendant** are available in different versions:
1. Infra Red only.
2. Radio only or

Please contact us for more information.

**Call Logging:**

Keep a record of all of the activity which occurs on your Nurse Call system, including Calls, Response Times, Staff Observation Rounds & Low Batteries.

All events are time and date stamped for future reference either using a printer or PC software. The PC software is fully searchable and allows Management Reports to be viewed easily and printed/exported if required.

**Personal Alarms:**

Infra Red or Radio Personal Alarm units can be incorporated into the system for remote signalling by residents or staff/lone workers. These portable alarm units are available in various styles:

**Consumables:**

- **AA Battery with Lead**
  BAT-AAL
- **AA Batteries on PCB (x2)**
  BAT-AABB
- **AA Battery on PCB (x1)**
  BAT-AANC
- **AA Battery**
  BAT-AANL
- **AAA Pager Batteries (x40)**
  BAT-AAA
- **Control Panel/Door Monitor Keys (901)**
  PA2/CPK2
- **Master Display Keys (007)**
  PA2/RDK2
- **Double Adapter**
  S64-ADT
- **Flexi Double Adapter**
  S64-ADTFLEX
- **Angled Double Adapter**
  S64-ADT-L
- **Linen Clip**
  S64-PPLC
- **Pear Push Lead Wall Holster**
  S64-PPH
- **Wall Bracket**
  S64-WB
- **USB Charger**
  S64-CHG
- **Pull Cord Triangles**
  S64-TRI
- **Pager Boot & Lanyard**
  S64-ZMRB
- **Indicator Light**
  S64-RODL or S64-ODL-HW (Radio or Hard Wired)
- **Room Sounder**
  S64-EXT-SND
- **Anti-Ligature Shroud**
  S64-ALS

Alarm Radio Monitoring Ltd, Brunel Road, Leominster, Herefordshire. HR6 0LX
T: 01568 610 016 | F: 01568 615 511 | E: sales@arm.uk.com | www.arm.uk.com