



*Back Plates available in various sizes to suit.*

### Description:

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

Now replacing old hard wired Nurse Call systems is even easier with the purpose made back plate which allows for integration to the bedside light. Patients can operate their light from their Patient Handset. This also allows the Nurse Call Point to be powered from the light source with a battery back-up.

The plates are available in various sizes to match existing old hard wired plates. The Call Point can be mounted on existing trunking with the light integration box fitted behind the trunking.

The unit comes complete with Call point, Patient Call Lead with Linen Clip and Wall bracket and bedside light integration box. There is the option to incorporate the power socket into the back plate as well.

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 a Bedside Light switch, Call Reassurance LED and a backlight ensuring a patient can always locate the handset in the dark.

- 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:

