HTM

Wireless nurse call

Wireless nurse call system
from Channel Safety Systems

medicare SYSTEMS

HTM
Wireless nurse call

HTM is a sophisticated but simple to operate, reliable and durable wireless nurse call system. The range offers a fully configurable system that not only meets current requirements but also provides the flexibility to meet future nurse call needs.

Designed to provide effective communication with all the capabilities you would expect; whilst still incorporating a sympathetic approach to the visual and audio impact that the system will have on a care establishment.

Facilities such as emergency priority, call-logging, call-accept, staff attendance, call waiting time and room visit recording are just a few of the standard features. These are complemented by the use of Mircoban©, the world's leading anti-microbial additive, in our call point and handset labels.

Products are designed to gently blend into the background when they are not displaying calls yet use distinctive HTM (NHS) standard colours to alert care staff to the status of live calls.

The normal issues of sound irritation have been addressed with various sound reduction capabilities. These include a timed all-panel mute facility, automatic night mode sound reduction and sound elimination with total or timed mute used in conjunction with vibration alert pagers.

Total flexibility: Our system can operate on various frequencies which enables us to provide equipment which can interface with other makes of radio nurse-call.

Clients have the reassurance that Channel's wireless nurse call products are

Images show from left to right CH/4100, CH/4000A, CH/4001 & CH/4022

designed to meet the requirements of all applicable regulations and standards.

Meets the requirements of the R&TT Directive and relevant sub directives such as EMC, Low Voltage and Safety Directive and carries the CE mark.

Alongside the reliability and interface free characteristics of the system you also have the flexibility that only a radio call system can provide. Patients can enjoy the safety of having an alarm point wherever they are in their room or ward.

With the add-on IR unit, the patient can use a portable trigger to remotely call from any call point in your care home or hospital.

The flexibility of the system also allows for unlimited additional call points and display panels to be added to the system at any time.

This feature also ensures that long-term service and maintenance costs are minimal.

The Medicare wireless nurse call system is installed in the following NHS hospitals & care groups:

- The John Radcliffe Hospital in Oxford
- West Wales NHS
- Pinderfields Hospital in Wakefield
- Barchester Healthcare
- Four Seasons Healthcare
- BUPA
- Independent care homes and local hospices throughout the UK and Europe

HTM Display Panels Features

Custom CPU design & Fan-less CPU (silent)

Power supply

9VDC adaptor external power supply

Battery backup

- Internal standby rechargeable battery
- Backup time 4 hours

Options

- EL basic functionality
- DL enhanced feature set

Screen

- 7" & 14" TFT touch screens available
- Wide viewing angle
- High brightness for distance viewing
- HTM compliant colour coded event display
- Large text displays
- Optional floor plans (mapping) for quick location

Display format

- Standby mode
- Tailored standby screen for client specific screen/logos etc
- Call sequence is displayed in chronological and event priority
- Optional auto-scrolling of call queue

EL model

> Zone identifier, 1-99 > Location identifier 1-999
> Volume button > Mute button

DL model

> Zone text > Location text > Patient text
> Nurse text > Location identifier 1-999
> Response timer > Volume button > Call waiting button
> Maps button > Mute button

Mute facility

- Mute function silences sounders on a system for a preset time
- Emergency mute is a programmable option
- Any event interrupts the mute function
- Night mute for mimic panels

Display format

HTM compliant colour coded call screens;

- Attack - Black
- Cardiac - Blue
- Emergency - Red
- Assistance - Yellow
- Call - Amber
- Nurse Present - Green
- Accept - Light Green
- Reminder - Lilac
- Fault/Maintenance - Brown

Additional features to HTM specification requirements

Standards

Complies with EMC Low Voltage Safety Directives, CE, Radio type approved by R&TTE

Call history

> Record of all calls and events time & date stamped
> Records response time (from call to nurse present)
> Records attendance time (nurse presence to cancel)
> Last 200 events viewable on screen
> User editable details (DL)
> Residents' name
> Set reminders and add/edit notes
> Switch day/night mode

Radio option

173MHz, 433MHz & 869MHz

Call accept

The accept feature shows that a member of staff has selected the call to attend, tap or mouse click on selected call will accept the call

Call notes

'Note' button will show if notes have been entered for a specific resident

Location maps

- 'Map' button will light for accepted calls with associated maps. Tap Map button to view the location of each call on the relevant floor plan
- Colour coded location markers flash for call types

Sounder

HTM compliant sounds

Zoning

- Up to 99 zones
- Text addresses for zones (DL)
- Zone priority option

Function buttons

> Control buttons on touch screen
> Volume adjust UP/DOWN
> Mute
> Calls Waiting - to scroll though waiting call list'
> Map - to display call location
> Notes - resident notes
> Menu - to access advance functions
Auto scroll option available. The display will cycle through the first four calls waiting.

HTM Door Contact Unit Features

Enclosure
ABS Styrex - ROHS Compliant
Dimensions

200mm(L) x 48mm(W) x 30mm(D)

Weight including batteries

192g

Label

Lexan with Microban© additive and night glow properties for easy location

Neck lanyard

Nylon clip and safety snap point

Radio transmitter technical specifications frequencies

- 433.92MHz & 869Mhz
- Data rates up to 64kbps
- Usable range over 300m (free air) medicare

Low power radio transmission requirements

- Conforms to European EN 301 489-3 and ETSI EN 300 220-3 (for ERP @ 10mW)
- Conforms to Australian/New Zealand AS/NZS 4268:2003

Power
4 x AA alkaline batteries
Battery life
Normal operating conditions up to 2 years

Call facilities
> Emergency
> Low battery
> Reset
> Key-switch isolation

HTM Neck Lanyard and Belt Clip Pendants Features

Enclosure
ABS Styrex - ROHS Compliant

Dimensions

92mm(L) x 42mm(W) at widest section x 28mm(D)

Weight including batteries

26g

Label
Lexan with Microban© additive and night glow properties for easy location

Neck lanyard

Nylon clip and safety snap point

Radio transmitter technical specifications frequencies

- 433.92MHz & 869Mhz
- Data rates up to 641 bps
- Usable range over 300m (free air)

Low power radio transmission requirements

- Conforms to European EN 301 489-3 and ETSI EN 300 220-3 (for ERP @ 10mW)
- Conforms to Australian/New Zealand AS/NZS 4268:2003

Power

2 x 1/2 AA 3.6V lithium batteries

Battery life

Normal operating conditions up to 1 year

Call facilities
> Call assistance or emergency
> Low battery
> Reset

- Usable range over 300m

Low power radio transmission requirements
- Conforms to European EN 301 489-3 and ETSI EN 300 220-3 (for ERP @ 10mW)
- Conforms to Australian/New Zealand AS/NZS 4268:2003

Power
4 x AA alkaline batteries

Battery life
Normal operating conditions up to 3 years

Call facilities
> Call
> Assistance / Staff in attendance
> Emergency
> Low Battery
> Lead tamper

Pearpush lead specification
Telephone type curly lead 2 metres long unstretched and up to 8 metres long stretched

Room unit connection
FCC4P4C

The HTM call room units are wall mountable on a ABS Styrex bracket. They can be supplied with a pull-cord or pear push lead to suit all room types.

Each bedroom room unit has twin normally open sockets for the pear-push lead and one other call trigger, these include pressure mats. epilepsy detectors, PIR triggers and many more.

HTM Call Room Units Features

Enclosure
ABS Styrex - ROHS Compliant

Dimensions
190 mm(L) x 70 mm(W) tapering to 50 mm x 30 mm(D)

Weight including batteries
245g

Label
Lexan with Microban© additive, guaranteed no fade, can be cleaned safety with bacterial cleaners and night glow properties for easy location. Compliant with FDA and USP requirements

Radio transmitter technical specifications frequencies
- 433.92MHz, 173.225Mhz & 869Mhz
- Data rates up to 64kbps

HTM Pagers

ideal for sleeping night staff or senior staff that only need to be alerted in an emergency situation.

The pagers can also be used in conjunction with the Call-logging software as an internal message system. Typed messages can be sent to individual or all pagers, this is ideal for contacting a staff member without having to walk around looking for them.

HTM Pagers Features

- Standard battery or rechargeable models
- Messages can be sent via call logging PC
- Enhances staff communication
- Protective covers available
- Belt-clip and holster options
- Tone and vibrate options

In many care facilities a staff paging system is a cost effective solution to provide communication between the nurse call system and staff. The HTM pagers are simple to use, light and fit easily into a pocket or can be clipped to a belt. All calls from the nurse call system can be relayed to the pagers, ensuring that care staff are aware of calls even when they are not within earshot of a display panel.

The Medicare nurse call pagers can be programmed to receive specific events such as emergency calls or night calls,

PRODUCT CODE	DESCRIPTION
DISPLAY SCREENS	
N/CH/HTM/4000A	HTM 7"TFT Display screen with full function software
N/CH/HTM/4100	HTM 14"TFT Display screen with full function software
N/CH/MED1	Flat wall mount for 7"TFT screens
N/CH/MED2	Flat wall mount for 14"TFT screens
N/CH/MED3	Ball and socket wall mount for 7"TFT screens
PENDANTS & DOOR CONTACTS	
N/CH/HTM/4002	HTM Neck/Belt pendant
N/CH/HTM/4004	HTM Door contact transmitters with key switch
N/CH/HTM/4004/A	HTM Door contact transmitters with magnet swipe and key switch
CALL POINTS	
N/CH/HTM/6000	HTM Call point
N/CH/HTM/6001	HTM Call point with pear push lead
N/CH/HTM/6003	HTM Call point with pull cord
PAGING	
N/CH/MED 5	Paging transmitter
N/CH/MED 6	Holstered alpha-numeric pager
CALL LOGGING	
N/CH/HTM/4030	HTM Call logging hub and software (requires Windows XP or 7 based computer with an available serial port or USB port with MED 4 interface)
N/CH/MED4	USB to serial interface with driver for use with call logging software
ACCESSORIES	
N/CH/HTM/4031	HTM RTX (signal booster)
N/CH/HTM/6019	HTM Pear push lead
N/CH/MED7	HTM Pressure mat standard
N/CH/MED8	HTM Pressure mat heavy duty
N/CH/HTM/4022	HTM Over-door light (requires 1 power 5Amp supply for up to 40 lights)
N/CH/RCLS	Internet / Mobile phone software

A TOTAL SOLUTIONS PROVIDER

Did you know?

Channel Technical Services; a division of Channel Safety Systems, offers a Design, Supply, Installation, Commissioning and Maintenance services for all Nurse Call & Disabled Refuge Systems. They can also offer the same for...

Fire Alarm, to BS.5839. Part 1 & Part 6

Emergency Lighting to BS.5266 Part 1

Fire Extinguisher Servicing

Access Control Systems

For all requirements please contact Channel Technical Services team on 0845 884 7000