



internet protocol

Bringing IP
to the bedhead



The only full IP nurse call system

IPiN, the latest development in nurse call and communications technology from The Wandsworth Group provides a full IP based system from source to bed level, ensuring fast response to patient's needs and flexibility to hospital and staff. IPiN conforms fully to the latest Healthcare Technical Memorandum (HTM).

Many people do not appreciate that the requirements of modern nurse call systems reach far beyond the basics of calling a nurse for help, or even simple voice communication between the patient and the nurse. Nurse call systems today already serve as information, voice and entertainment systems. Thus, health facilities professionals should think strongly about how these systems can integrate with other data and communication systems and infrastructure wiring to act in tandem to provide a higher degree of functionality and capabilities in the future.

Two-way speech and sound entertainment are more commonplace nowadays and integration with other systems such as paging, personal security and staff presence are quickly becoming the norm, but why stop there? The main reason is due to existing systems limited capabilities, available bandwidth, data throughput speeds and integration limitations of legacy systems and proprietary networks.

Utilising a TCP/IP network, the IPiN nurse call system opens up the possibilities of integration.

Hospitals, like most other multi-functional buildings are often installed with a multitude of separate networks, responsible for controlling a variety of functions including CCTV, security, nurse call, medical alarms, communications etc. Most of these systems are based on proprietary protocols such as Lonworks, BACnet, CANbus, EIBus to name just a few, each with their own wiring network, software and control panels.

Proprietary systems usually mean that they will work in isolation and getting them to talk to each other can be a major expense, requiring specialist staff to carry out day-to-day running and maintaining of such systems.

A single TCP/IP network to carry voice, data, TV and video will make such issues a thing of the past.



flexible

stylish

IPiN has been chosen for major projects above other, traditional systems because it is the most technologically advanced system on the market!

Protocol compliance

IPiN uses TCP/IP, a well established network communications protocol to communicate. By using this protocol it enables easy integration of 3rd party TCP/IP hardware and software as well as offering limitless expansion possibilities. An IPiN system can be easily upgraded to add further IP devices or add further services and enhancements.

Structured cabling

Traditionally nurse call systems used their own dedicated wiring and protocols. An IP-based nurse call system allows hospital designers and installers to utilise the already installed, or to be installed, structured cabling system. Moreover, they should involve the system manufacturer in the early design of the network to ensure that the design is future-proofed and cost-effective.

The cost and flexibility benefits of a structured wiring system should not be overlooked. Facilities professional, who are looking to upgrade to more IP-based systems, including nurse call, would be wise to include those systems in early planning stage of the structured cabling system.

Reduced cost of ownership

IP Networked nurse call can also keep costs down through its scalability, flexibility and reliability. Simplified installations make it even more affordable. The ability to manage and monitor all of the systems on the network remotely offers significant advantages and cost-savings for the maintenance of the network – again making TCP/IP the natural choice for network solutions.



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secure

Integration

Examples of how IPiN can be integrated with other data and communications systems include:

Voice over IP (VoIP)

The IPiN network supports the deployment of SIP (Session Initiation Protocol) at every bedhead position to provide a cost-effective communications medium and can be integrated with hospital VoIP phone system.

Patient Entertainment & IPTV

The IPiN network can deliver multimedia facilities to the bedhead.

Door Access & Security

IPiN nurse call can be integrated with CCTV and door access systems to provide a seamless security access system for secure and sensitive areas of the hospital. Direct input via a video IP Device can be displayed on Staff units to reduce the number of different types of terminals required within the ward area – reducing costs and reducing clutter.



Paging, Personal Security & DECT telephony integration

Working with our partners, the IPiN nurse call system can be integrated with DECT telephony and paging/personal security, providing nursing staff with one easy to carry and easy to use handset for all functions – keeping them in touch with their patients whilst they are on the move!

IPiN Smart Mobile

Comprised of IPiN SmartServer and IPiN Smart display modules, IPiN Mobile offers an integrated, easy to use and portable means for hospital staff to transfer and receive calls. IPiN Mobile displays the IPiN nurse call screen on Android mobile phones enabling quick and efficient reaction to calls, ensuring patient safety and wellbeing.



IPiN Smart Display

In addition to utilising the most commonly used protocol in the world (TCP/IP), IPiN offers the following:

- A fully IP based system. The ability to utilise the IP network already planned for the hospital, or to use the IPiN network as an 'extension' to the IP network is a real possibility and provides economies of scale for the network utilisation.
- Remote fault diagnosis from any location! For the notification of faults, and in certain circumstances it will be possible to rectify faults or at least isolate the fault until physical repair can take place. This can now be carried out from a central location, a number of designated locations or from mobile locations for those who have authorised access. This feature significantly reduces downtime for the clinical staff, reduces the risk of patient call and emergency facilities being unavailable for long periods and reduces the call out time for engineering staff to attend to minor problems.
- Remote Configuration. For the ever changing world of the healthcare market where room function changes are common, remote configuration prevents the need for expensive call out or manufacturer support, or inconvenience to ward operation.
- IP means common components, off the shelf availability – low cost of ownership.
- Faster data throughput than other types of network protocols ensuring there is built-in redundancy for future applications.
- Savings on installation costs – utilising a common structured cabling network.
- Modular snap-in accessories with one common 'footprint' enabling changes to be made quickly and cost-effectively.
- Handset, designed to be easily maintainable by hospital technicians.
- Specially designed quick release handset plug and socket arrangement to minimise damage to handsets and handset cords.
- Quick Installation – Connections are mainly IDC for fast and secure connections to save valuable on-site installation time.

compact



Nurse station/staff unit

Designed for quick, clear and concise identification of calls, and administration of the system, the panel consists of an 8.4inch full colour touch screen LCD.

Incorporating audible indication of call priority and with built in hands-free speech facility for staff to patient and staff to staff communication.



Calls are displayed in the following priority:

Cardiac Calls

Emergency Calls

Bathroom Calls

Patient Call

Faults

Staff Presence

Call Display Area

Icon shows priority of call and text shows location. The display will always show the highest priority calls, but other priority calls can be viewed by touching the relevant tab. Calls are displayed in time order, with the oldest call at the top of the list. Calls can be viewed by a scrollable list

Sounder Status

For the control of ward nurse call volumes, allowing the appropriate sounder levels to be set for day/night use.

Administration Key

Allows access to sounder volume menu, transfer/flex menu and other administration options

Tabs on display are configurable allowing simplification, so that only the required tabs will be displayed.

practical

Ask about our after sales service packages:

T **01483 713400 / 740740**

E **service@wandsworthgroup.com**

flexible

Patient handset

This unit with easy grip sides has continuous patient to nurse call monitoring. With a wipe clean membrane it is designed for easy maintenance by hospital engineering staff with quick cable replacement.

Reassurance LED

Confirms the call has been made, offering reassurance to patients

Speaker

For nurse to patient speech

Nurse Call Button

Permanently backlit to aid location at night

Bedlight Key

Allows control of bedlights

Standby Button

Selects standby for entertainment system

Programme Select Buttons

For control of patient entertainment system

Programme Indicator

Displays selected programme

Volume Control Buttons

Controls patient entertainment volume

Microphone

For patient to nurse speech





IPiN features and benefits



tomorrow's technology – today!

- **Remote Management**

As a managed system, IPiN can be monitored by the maintenance department, or remotely via an ADSL link and firewall enabling Fault indication, rectification and system configuration changes.

- **Handset**

Patient handset, with removable and replaceable handset cable for ease of, and low cost of maintenance. A unique plug and socket arrangement at the bedhead panel to ensure quick release when excessive strain is applied at almost any angle without causing damage to the cable, plug or socket assemblies.

- **Colour touch screen nurse stations**

The unit has been designed to offer a 'decentralised' staff display and administration centre providing simple to follow instructions and highly visible graphics for call location, call type, call priority etc.

- **Highly visible LED indicators**

Overdoor lamps contain high brightness LED's.

- **Curved, low profile design**

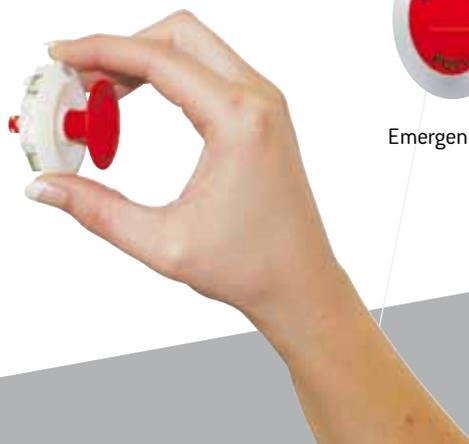
All panel-mounted accessories have been designed to be low profile and infection control friendly, ensuring that dust and dirt traps are kept to an absolute minimum.

- **Function 'legends' included on switch surround**

Keeps plate engraving to a minimum, lowering costs and enables interchangeability.

- **Modular, clip-in accessories**

A common cut-out for the whole range of components makes them totally interchangeable allowing last minute changes or future additions to be achieved quickly and cost-effectively. All clip-in accessories have a unique design to allow them to be fitted to a wide range of plate thickness, making them interchangeable between plate mounting and trunking mounting units and differing manufacturers containment systems if required.



Emergency Pull



Cardiac Pull



IPiN Component parts

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Plates – All units are supplied in a Grey white (RAL 9002) or Stainless steel finish as standard. White (RAL 9010) is available as a special order option.

Handsets are Grey white only.

enhanced

Bedhead Units

A comprehensive range of units offering entertainment, speech & call facilities.

IP501 Bedhead Unit Entertainment

Consisting of a plate 324mm Wide x 174mm High and containing separate compartments for low voltage and extra low voltage with dividing fillet.

Right hand panel contains the following:

- One Grey reset switch with the surround printed "RESET", with integral amber reassurance LED
- One Red emergency pull-push switch with the knob printed 'EMERGENCY PULL' with integral red reassurance LED
- One socket for nurse call handset

- One nurse call handset parking bracket
- One socket for entertainment headphones
- IDC connectors for network & ancillary item wiring.

Left hand panel contains:

- Two way and off rocker switch
- 2.2uF capacitor for dimming a 60watt bedhead light
- Relay for control of the bedlight from the handset
- Fused connection unit for bedlight supply fitted with a 3amp fuse
- 13amp twin switched socket outlet.

Use box 8439/G for flush fitting & 8440/B for surface fitting.



IP502 Bedhead Unit Entertainment & Cardiac

Consisting of a plate 324mm Wide x 174mm High and containing separate compartments for low voltage and extra low voltage with dividing fillet.

Right hand panel contains the following:

- One Grey reset switch with the surround printed "RESET", with integral amber reassurance LED
- One Red emergency pull-push switch with the knob printed 'EMERGENCY PULL' with integral red reassurance LED
- One Blue cardiac pull-push switch with the knob printed "CARDIAC PULL" with integral blue reassurance LED
- One socket for nurse call handset

- One nurse call handset parking bracket
- One socket for entertainment headphones
- IDC connectors for network & ancillary item wiring.

Left hand panel contains:

- Two way and off rocker switch
- 2.2uF capacitor for dimming a 60watt bedhead light
- Relay for control of the bedlight from the handset
- Fused connection unit for bedlight supply fitted with a 3amp fuse
- 13amp twin switched socket outlet.

Use box 8439/G for flush fitting & 8440/B for surface fitting.





IP503 Bedhead Unit

Consisting of a plate 324mm Wide x 174mm High and containing separate compartments for low voltage and extra low voltage with dividing fillet.

Right hand panel contains the following:

- One Grey reset switch with the surround printed "RESET", with integral amber reassurance LED
- One Red emergency pull-push switch with the knob printed 'EMERGENCY PULL' with integral red reassurance LED
- One socket for nurse call handset

- One nurse call handset parking bracket
- IDC connectors for network & ancillary item wiring.

Left hand panel contains:

- Two way and off rocker switch
- 2.2uF capacitor for dimming a 60watt bedhead light
- Relay for control of the bedlight from the handset
- Fused connection unit for bedlight supply fitted with a 3amp fuse
- 13amp twin switched socket outlet.

Use box 8439/G for flush fitting & 8440/B for surface fitting.



IP504 Bedhead Unit With Cardiac

Consisting of a plate 324mm Wide x 174mm High and containing separate compartments for low voltage and extra low voltage with dividing fillet.

Right hand panel contains the following:

- One Grey reset switch with the surround printed "RESET", with integral amber reassurance LED
- One Red emergency pull-push switch with the knob printed 'EMERGENCY PULL' with integral red reassurance LED
- One Blue cardiac pull-push switch with the knob printed "CARDIAC PULL" with integral blue reassurance LED
- One socket for nurse call handset

- One nurse call handset parking bracket
- IDC connectors for network & ancillary item wiring.

Left hand panel contains:

- Two way and off rocker switch
- 2.2uF capacitor for dimming a 60watt bedhead light
- Relay for control of the bedlight from the handset
- Fused connection unit for bedlight supply fitted with a 3amp fuse
- 13amp twin switched socket outlet.

Use box 8439/G for flush fitting & 8440/B for surface fitting.



Patient Handsets

IP510 Handset with Bedlight Control & Entertainment

Patient handset comprising a grey white slim lightweight ABS moulded case size 160mm x 44mm x 16.5mm.

Handset contains the following:

- One large oval amber pushbutton for nurse call with nurse symbol permanently backlit for location in the dark
- One Amber reassurance LED activated on patient call
- Two yellow pushbuttons for bedlight control
- One standby button for entertainment control
- Two program select buttons
- Two Volume control buttons
- Two metres of flexible, lightweight PVC cable fitted with quick-release plug and linen clip.



IP511 Handset with Bedlight Control & Patient to Nurse Speech Facility

Patient handset comprising a grey white slim lightweight ABS moulded case size 160mm x 44mm x 16.5mm.

Handset contains the following:

- One large oval amber pushbutton for nurse call with nurse symbol permanently backlit for location in the dark
- One Amber reassurance LED activated on patient call
- Two yellow pushbuttons for bedlight control
- One Loudspeaker & One Microphone for Duplex Patient to Nurse Speech
- Two metres of flexible, lightweight PVC cable fitted with quick-release plug and linen clip.



IP512 Handset with Bedlight Control

Patient handset comprising a grey white slim lightweight ABS moulded case size 160mm x 44mm x 16.5mm.

Handset contains the following:

- One large oval amber pushbutton for nurse call with nurse symbol permanently backlit for location in the dark
- One Amber reassurance LED activated on patient call
- Two yellow pushbuttons for bedlight control
- Two metres of flexible, lightweight PVC cable fitted with quick-release plug and linen clip.



IP517 Handset Parking Bracket

Grey white moulded bracket, supplied with two M3.5 x 8 self tapping screws and two parking bracket plug covers. For use at alternative locations.



IP518 Handset linen Clip

Grey white moulded plastic for attaching handset cable to bed linen.





IP513 Handset, Call Only

Patient handset comprising a grey white slim lightweight ABS moulded case size 160mm x 44mm x 16.5mm.

Handset contains the following:

- One large oval amber pushbutton for nurse call with nurse symbol permanently backlit for location in the dark
- One Amber reassurance LED activated on patient call
- Two metres of flexible, lightweight PVC cable fitted with quick-release plug and linen clip.

IP514 Handset with Bedlight Control & Housekeeper/Catering Facility

Patient handset comprising a grey white slim lightweight ABS moulded case size 160mm x 44mm x 16.5mm.

Handset contains the following:

- One large oval amber pushbutton for nurse call with nurse symbol permanently backlit for location in the dark
- One Amber reassurance LED activated on patient call
- Two yellow pushbuttons for bedlight control
- One Mauve pushbutton for Housekeeper/Catering services
- Two metres of flexible, lightweight PVC cable fitted with quick-release plug and linen clip.

IP515 Handset with Bedlight Control & Nurse Speech Facility

Patient handset comprising a grey white slim lightweight ABS moulded case size 160mm x 44mm x 16.5mm.

Handset contains the following:

- One large oval amber pushbutton for nurse call with nurse symbol permanently backlit for location in the dark
- One Amber reassurance LED activated on patient call
- Two yellow pushbuttons for bedlight control
- One Loudspeaker & One Microphone for Duplex Patient to Nurse Speech
- Two metres of flexible, lightweight PVC cable fitted with quick-release plug and linen clip.

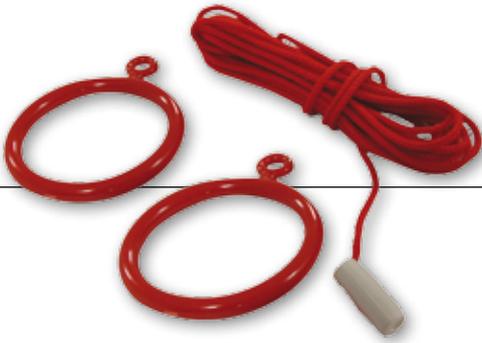


Patient/Staff Call Units

IP322 Ceiling Pull

Consisting of a front plate 86mm Wide x 86mm High containing:

- 2m of Amber cord & Amber ring and Amber high brightness LED's (arranged in two sets of 3 LED's for built-in redundancy and long distance visibility)
- Also available with transparent wipe clean coating, part number IP322/1
- Use box 1702/G for flush fitting & 8447/B for surface fitting.



IP520 – Reset Unit

Consisting of a front plate 86mm Wide x 86mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- Use box 1702/G for flush fitting & 8447/B for surface fitting.



IP521 – Reset/Emergency Unit

Consisting of a front plate 86mm Wide x 146mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One Red emergency pull-push with the knob surround printed 'EMERGENCY PULL' with integral red reassurance LED
- Use box 1703/G for flush fitting & 8448/B for surface fitting.



IP522 – Reset/Call Unit

Consisting of a front plate 86mm Wide x 146mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One Amber call switch with the surround printed 'CALL' with integral amber reassurance LED
- Use box 1703/G for flush fitting & 8448/B for surface fitting.



stylish

IP523 – Reset/Emergency/Call Unit

Consisting of a front plate 174mm Wide x 174mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One Red emergency pull-push with the knob surround printed 'EMERGENCY PULL' with integral red reassurance LED
- One Amber call switch with the surround printed 'CALL' with integral amber reassurance LED
- Use box 8443/G for flush fitting & 8444/B for surface fitting.



IP524 – Reset/Handset Socket Unit

Consisting of a front plate 174mm Wide x 174mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One socket for nurse call handset
- One nurse call handset parking bracket
- Use box 8443/G for flush fitting & 8444/B for surface fitting.



IP525 – Reset/Emergency/Handset Socket Unit

Consisting of a front plate 174mm Wide x 174mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One Red emergency pull-push with the knob surround printed 'EMERGENCY PULL' with integral red reassurance LED
- One socket for nurse call handset
- One nurse call handset parking bracket
- Use box 8443/G for flush fitting & 8444/B for surface fitting.



improved

IP526 – Emergency Unit

Consisting of a front plate 86mm Wide x 86mm High containing:

- One Red emergency pull-push with the knob surround printed 'EMERGENCY PULL' with integral red reassurance LED
- Use box 1702/G for flush fitting & 8447/B for surface fitting.



IP527 – Cardiac Unit

Consisting of a front plate 86mm Wide x 86mm High containing:

- One Blue cardiac pull-push with the knob surround printed 'CARDIAC PULL' with integral blue reassurance LED
- Use box 1702/G for flush fitting & 8447/ for surface fitting.



IP530 – Call Unit

Consisting of a front plate 86mm Wide x 86mm High containing:

- One Amber call switch with the surround printed 'CALL' with integral amber reassurance LED
- Use box 1702/G for flush fitting & 8447/B for surface fitting.



IP540 – Staff Presence Unit

Consisting of a front plate 86mm Wide x 86mm High containing:

- One Green push switch with the surround printed 'PRESENCE' with integral white reassurance LED
- Use box 1702/G for flush fitting & 8447/B for surface fitting.



versatile

IP547 – Single Overdoor Indicator Plate

Consisting of a front plate 86mm Wide x 86mm High containing:

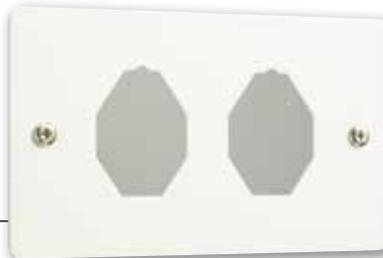
- Aperture to take one IP550/* LED
- Use box 1702/G for flush fitting & 8447/B for surface fitting.



IP548 – Twin Overdoor Indicator Plate

Consisting of a front plate 146mm Wide x 86mm High containing:

- Aperture to take two IP550/* LED
- Use box 1703/G for flush fitting & 8448/B for surface fitting.



IP549 – Indicator/Sounder Plate

Consisting of a front plate 86mm Wide x 146mm High containing:

- Aperture to take one IP550/* LED
- One Loudspeaker
- Use box 1703/G for flush fitting & 8448/B for surface fitting.



IP551/* – Led indicator & Lens

Replace text with:

Lamp colours are defined under HTM guidelines and are available with superbright LEDs in the following colour combinations:

- | | |
|---------------------|---------------------|
| • A - Amber | • R/A - Red / Amber |
| • GR - Green | • R/GR - Red/Green |
| • A/BL - Amber/Blue | • W/R - White/Red |
- * Lens Colour e.g. A



IP554 – Sounder Unit

Consisting of a front plate 86mm Wide x 86mm High containing:

- One Loudspeaker with an output of 70dB at 1metre
- Use box 1702/G for flush fitting & 8447/B for surface fitting.

IP559 – Remote IO & Sounder driver unit

Consisting of a front plate 174mm Wide x 174mm High containing:

- For driving Sounder units and/or Nurse station units
- Use box 8441/G for flush fitting & 8442/B for surface fitting.

IP590 – Reset/Cardiac Unit

Consisting of a front plate 86mm Wide x 146mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One Blue cardiac pull-push with the knob surround printed 'CARDIAC PULL' with integral blue reassurance LED
- Use box 1703/G for flush fitting & 8448/B for surface fitting.



IP591 – Reset/Emergency/Cardiac Unit

Consisting of a front plate 174mm Wide x 174mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One Red emergency pull-push with the knob surround printed 'EMERGENCY PULL' with integral red reassurance LED
- One Blue cardiac pull-push with the knob surround printed 'CARDIAC PULL' with integral blue reassurance LED
- Use box 8443/G for flush fitting & 8444/B for surface fitting.



Current

IP592 – Reset/Call/Cardiac Unit

Consisting of a front plate 174mm Wide x 174mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One Amber call switch with the surround printed 'CALL' with integral amber reassurance LED
- One Blue cardiac pull-push with the knob surround printed 'CARDIAC PULL' with integral blue reassurance LED
- Use box 8443/G for flush fitting & 8444/B for surface fitting.



IP593 – Reset/Emergency/Call /Cardiac Unit

Consisting of a front plate 184mm Wide x 174mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One Amber call switch with the surround printed 'CALL' with integral amber reassurance LED
- One Red emergency pull-push with the knob surround printed 'EMERGENCY PULL' with integral red reassurance LED
- One Blue cardiac pull-push with the knob surround printed 'CARDIAC PULL' with integral blue reassurance LED
- Use box 8449/G for flush fitting & 8450 for surface fitting.



IP594 – Reset/Handset Socket/Cardiac Unit

Consisting of a front plate 174mm Wide x 174mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One Blue cardiac pull-push with the knob surround printed 'CARDIAC PULL' with integral blue reassurance LED
- One socket for nurse call handset
- One nurse call handset parking bracket
- Use box 8443/G for flush fitting & 8444/B for surface fitting.



IP595 – Reset/Emergency/Handset Socket/Cardiac Unit

Consisting of a front plate 184mm Wide x 174mm High containing:

- One Grey reset switch with the surround printed 'RESET' with integral amber reassurance LED
- One socket for nurse call handset
- One Red emergency pull-push with the knob surround printed 'EMERGENCY PULL' with integral red reassurance LED
- One Blue cardiac pull-push with the knob surround printed 'CARDIAC PULL' with integral blue reassurance LED
- One nurse call handset parking bracket
- Use box 8449/G for flush fitting & 8450/B for surface fitting.



IP596 – Emergency/Cardiac Unit

Consisting of a front plate 86mm Wide x 146mm High containing:

- One Blue cardiac pull-push with the knob surround printed 'CARDIAC PULL' with integral blue reassurance LED
- One Red emergency pull-push with the knob surround printed 'EMERGENCY PULL' with integral red reassurance LED
- Use box 1703/G for flush fitting & 8448/B for surface fitting.



modern

Nurse Station/Staff Unit & Network components

IP569 Nurse Station/Staff Unit

Consisting of a flush mounting unit 260mm wide x 204mm high containing:

- An 8.4" high resolution touch screen the unit has been designed to offer a 'decentralised' staff display and administration centre providing simple to follow instructions.

Display shows the following:

- Calls Grouped by Priority: Cardiac, Emergency, Bathroom, Patient, Fault & Staff Presence
- Displays time & date when no calls
- Transfer Indication
- Admin functions – Transfer/Flex on/off & set-up. Sounder mute on/off & sounder volume levels
- Use box 8460 for flush fitting only.



IP567/IP568 Nurse Station/Staff unit 17" display

Consisting of a free standing touch screen unit mounted on a stand and containing:

- An 17" high resolution touch screen the unit is designed to offer a large screen option staff display and administration centre providing simple to follow instructions.

Display shows the following

- Calls Grouped by Priority: Cardiac, Emergency, Bathroom, Patient, Fault & Staff Presence
- Displays time & date when no calls
- Transfer Indication
- Admin functions – Transfer/Flex on/off & set-up. Sounder mute on/off & Sounder volume levels
- Supplied with desk stand
- Optional Wall VESA Mount
- IP567 includes SIP Speech and Handset



reliable

IP545 - 2 Line display unit

Consisting of a front plate 184mm wide x 125mm high containing:

- A two line LED display for displaying prioritise calls on all models
- Customisable wipe-clean membrane up to 4 buttons
- Integral sounder for call alerts on all models
- Software programmable operation

Standard variations are as follows:

- IP(T)545/NP*: No membrane buttons
- IP(T)545/P*: Presence button only
- IP(T)545/SP*: Tannoy and two way speech – Tannoy, Speech Call, Call-Back, Presence

Requires 8453 back box for wall mounted units.

* "T" is only necessary if the unit is trunking mounted



IP586 – Zone Unit

Consisting of a unit not exceeding 435mm long x 295 wide x 85 high containing:

- 13 IPiN ports and 2 additional ports for either interconnection to other Zone units or IP device
- IDC connectors/terminals for Cat5e data wiring & Cat 5/CW1308 input/output.
- Available as a rack mounted option, please contact Technical services for further information.

IP570 Power Supply unit

Consisting of a unit 510mm wide x 230mm deep x 190mm high containing:

- 24Vdc 5A, 10A, 20A Variants
- Integrated UPS providing up to 4 minutes of operation in case of mains failure
- Universal input
- Available as a rack mounted option, please contact Technical services for further information.

IP587 – Edge Switch

- Available as a rack mounted option, please contact Technical services for further information
- Will connect to an existing or supplied Ethernet structure, please contact Technical services for further information.

practical

* Please contact technical services for further information

Back Boxes for IPiN Nurse Call

1702/G Flush Mounting, 8447/B Surface Mounting

For use with the following units:

- IP322
- IP520
- IP526
- IP527
- IP530
- IP540
- IP547
- IP554

1703/G Flush Mounting, 8448/B Surface Mounting

For use with the following units:

- IP521
- IP522
- IP548
- IP549
- IP590
- IP596

8443/G Flush Mounting, 8444/B Surface Mounting

For use with the following units:

- IP523
- IP524
- IP525
- IP591
- IP592
- IP594

8439/G Flush Mounting, 8440/B Surface Mounting

For use with the following units:

- IP503
- IP501
- IP502
- IP503
- IP504

8441/G Flush Mounting, 8442/B Surface Mounting

For use with the following units:

- IP559

8460 Flush mounting, 8461 Surface mounting

For use with the following units:

- IP569 (Flush Mounting Only)

8449/G Flush Mounting, 8450 Surface Mounting

For use with the following units:

- IP593
- IP595

Other products from Wandsworth

- **Wireless Nursecall systems**
- **Paging and DECT solutions**
- **Disabled Refuge & WC Alarm systems**
- **Electrical wiring accessories**
- **Hygiene Products**



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