

Flexible systems for the hospital environment



Wandsworth

Total health care solutions

Flexibility is a key watchword in today's nursing environment, and this is represented in the range of systems from Wandsworth that can be tailored to meet specific requirements. The range includes personal attack alarms, paging systems, medical products and patient TV/Telephone entertainment systems. Established in 1904, The Wandsworth Group Ltd has over 50 years' experience in the National Health and private hospital market sector. During this time the company has built up an enviable reputation for commitment to quality and innovative design, and above all, the reliability of products.

Digital Nurse Call System

The Wandsworth Digital Call System is a sophisticated system designed to meet the needs of modern hospital practice and staffing structures without losing focus on the primary objective of ensuring the fastest and most appropriate responses to medical emergencies.

Easy to install and simple to use, it's a fully integrated, digitally controlled system designed for the modern hospital environment. It offers optional two-way speech between patient and staff, and staff to staff, and 16 channels of sound entertainment. The system can also offer call logging through an existing PC to enable accurate reporting and monitoring.

For more information:

Call: 01483 713400/ 740740

**Visit our website: www.wandsworthgroup.com
www.tele-call.org**

Email: info@wandsworthgroup.com

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Bedhead Containment Systems

Our range of containment systems for nurse call and other services at the bedhead include; trunking systems and medical service columns. These systems offer practical and stylish methods of providing essential services such as nurse call cabling, lighting and power cabling and medical gas pipes to and around wards within a neat profile. This also enables ease of installation and maintenance. Versions include double-banked for ITU and HDU areas and integral lighting to provide up and downlighting options.

Tele-Call

Tele-call digital utilises fully convergent IP technology - voice, data, TV and video - the only system offering all facilities over a single fibre Cat5e network. This means less cabling for the hospital as no coax or telephone cables are required, resulting in significant installation and maintenance savings and full compatibility with the existing IT network for delivery of other clinical applications at the bedside. The system can also be integrated with Wandsworth's state-of-the-art nurse call system resulting in considerable cost savings for the hospital.

Wireless Nurse Call System

Providing nurse call facilities during refurbishment or as a back-up to the main system when required. Installation is quick and easy and the simple-to-use system provides patients with reassurance and peace of mind. SafeCall can also be used as a stand-alone system.



Certificate number FM 10069

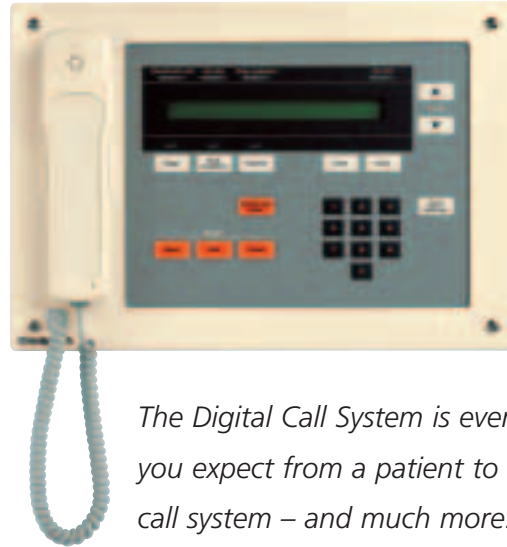
Digital call system

The system is controlled from the Nurse Station Unit (NSU) which displays the type of call – standard patient, bathroom, emergency (staff to staff) and cardiac (staff to staff) – and the location. A speech handset can be provided for direct communication between nurse and patient, and staff to staff, and a series of sounders and lights further identify the call type and its location. Optional features on the NSU include staff presence indication, intruder indication alarm, drug cupboard door open indication and an interface with a paging system.

Flexible Nursing

The concept of flexible nursing is geared towards the flexible use of staff resources and bed space for an effective and efficient caring environment.

The Wandsworth nurse call system is designed to cater for flexible nursing through the use of a transfer facility. The transfer facility allows all or some of a ward's calls to be transferred to an adjacent ward nurse station.



The Digital Call System is everything you expect from a patient to nurse call system – and much more.

Make the **right** response

Two-way Speech

With the two-way speech facility, the nurse can halve journey time by finding out in advance what the patient needs, and can respond appropriately.

When calls are transferred from one ward to another (either full or flexible), the two-way speech facility is also transferred.



The system can also be integrated with other systems, such as on-site paging, for a total communications package.

Staff Speech

The Staff Speech Unit enables staff, wherever they are, to communicate with patients via the bedhead, and with other staff either at the nurse station unit or in any other area where a staff speech unit is installed.

The speech unit has many benefits for staff. It enables staff to remain in communication with patients and staff even when they are not at the NSU. It saves time as staff can answer a call without having to return to the NSU. It can also provide emergency and security back-up as there are communication points throughout the hospital, not just in the nurse station. Best of all, it is very simple to operate.

Key features

Nurse station unit

Drug Cupboard

Indicates when a drug cupboard door is open.

Intruder

Indicates when the intruder alarm has been raised.

Transferred call

Indicates when a call has been received from another ward.

Text Display (LCD)

Shows up to 40 characters per line on two lines of text. Top line shows call type, location and total number. Bottom line shows staff presence details, transfer, speech and system prompts. Use scroll buttons to scroll through calls. Reverts to showing highest priority call after 5 seconds.

All call indicator

Indicates when any alarm or call is active at the NSU. Flashes if cardiac or emergency call is registered.

NSU Handset

For communication with patient via patient speech handset, or staff at NSU.

Pager key and indicator

On/off button to activate pager. Light indicates pager enabled (cardiac is always on).

Mute sounders key and indicator

Mutes the sounders on the ward and NSU. Light indicates when the mute function is active.

Transfer key and indicator

This enables calls to be transferred to another ward.

Patient Call Reset

Will reset a call made by a patient to the NSU while two-way speech is open.

Clear key

To clear the display or correct an error.

Enter key

To enter information.

Number keys

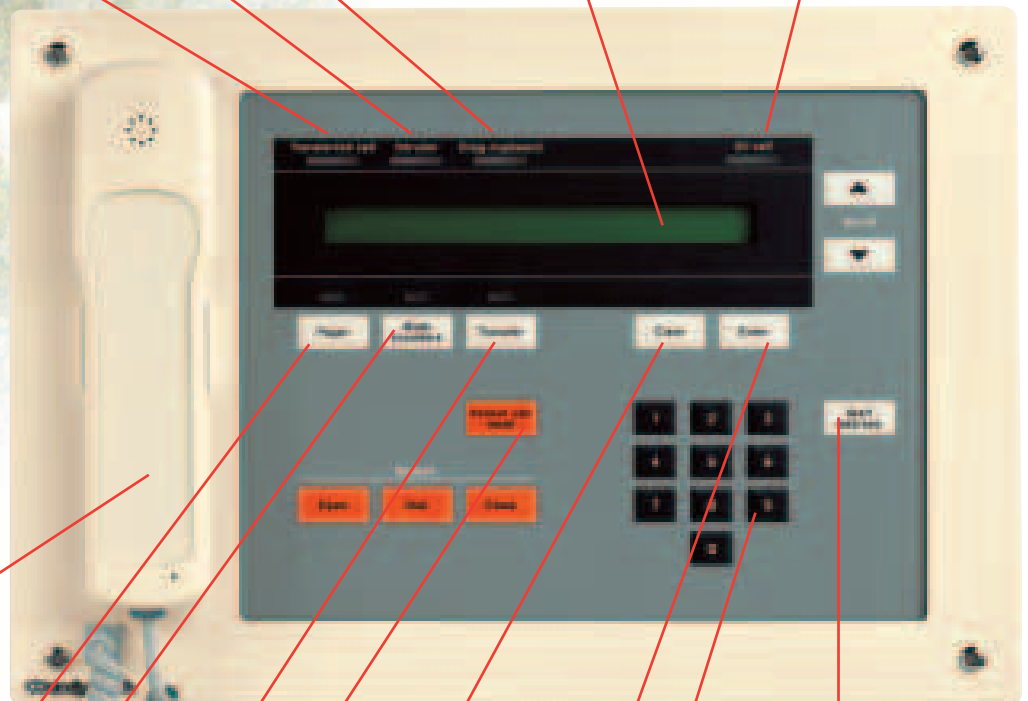
Used to enter room number digits when dialling a patient.

Sounder (under keyboard)

Calls made at the NSU have audible indication. There are unique sounds for each call/alarm type. This is turned off when speech is opened to a call.

Staff address key

Used to address staff via the Staff Speech Unit.



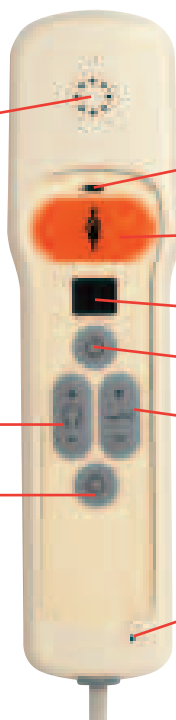
Nurse call handset

Loudspeaker

For two way speech communication with staff at the nurse station unit or staff speech unit.

Channel selection control buttons

Bedlight control button



Reassurance LED

Confirms the call has been made, offering reassurance to patients.

Orange nurse call button

Permanently backlit to aid location at night.

Radio/TV channel indicator

Sound system standby button

Volume control buttons

Microphone

For two way speech communication with the nurse at the NSU or SSU.

Text display LCD

Shows up to 20 characters per line on four lines of text: top line – call type, and total second line – call location third line – speech prompts bottom line – staff presence details.

Use scroll buttons to scroll through calls. Reverts to showing highest priority call after 5 seconds.

Staff presence key

Lit LED indicates staff presence in the room. Staff address will be heard when Staff Presence is on.

Call reset

To reset patient calls while two-way speech is open.

Staff address key

Enables staff to communicate to all SSUs where staff presence is on.

Open/Close speech key

Enables staff to communicate directly with a patient, or another SSU, or the NSU.

Staff speech unit

Loudspeaker

This communicates calls and staff address. There are unique sounds for each call/alarm type. Also used for two way hands-free speech.

Mute key

This will mute the microphone while a speech channel is open.

Dial NSU key

Enables staff to dial directly to the NSU for two way speech.

Speech LED

This indicates when a speech channel is open or a staff address is being made.

Microphone

This is used to make staff address, or to talk to patients or staff.



Ask about our after sales service packages:

Tel: 01483 713400 / 740740 Email: service@wandsworthgroup.com

Flexibility for the modern hospital environment

The Digital Call System offers the ultimate in flexibility, and is designed to provide hospitals with a modern, easy to use communication system.

Emergency Call

Clear communication is vital in a hospital. The Wandsworth digital nurse call system gives the type and location of every call, and automatically displays them according to priority, ensuring the fastest possible response for cardiac arrests and other emergencies. They are also displayed at any staff display or staff speech unit, ensuring that staff are kept fully aware of situations as they develop and are informed of the actions of colleagues. Call types are further distinguished by distinctive audible tones and indicator sequences.

Flexible call transfer

A transfer facility between the NSUs means that communication with patients can be maintained at all times as calls can be transferred around the hospital to other NSUs. Either an entire ward or selected parts can be transferred, for example during busy periods, or at night when only a skeleton staff is on duty.



PC Logging

All events can be logged on an existing PC to enable effective reporting and monitoring of call types and answer durations. The logger will show call activity, time and location, and reports can be run in virtually any combination, for example by week, by month, by ward or by call type. Response times and faults are also shown.

Patient Call

Patient comfort and peace of mind aid speedy recovery. With the Digital Call System, patients are reassured by having the ability to communicate their precise needs, quickly and easily.

The lightweight, telephone-style handset is simple to use. It features a large orange button for nurse call, permanently back-lit to aid location at night, and additional push button controls for the 16 channel sound entertainment system and bed light. The same handset can be used to speak to the nurse at the nurse station.

The handset can be stored in its cradle or clipped to the bed linen for convenient access. Sealed for protection against spillages, it can be easily wiped clean and sterilised for hygienic use by the next patient.

A catering services handset option enables patients to call catering staff directly if all they require is refreshment, saving nursing staff valuable time.

Quick & Efficient Installation

The Digital Call System is designed for quick installation with the minimum of disruption. Data is carried around and between wards in a single, four core BT-specification data cable and Cat5 for call logging. This makes wiring far less complex and more economical than alternative systems which require many more cables.

The system has built-in fault monitoring, with all fault messages automatically displayed at the nurse station, and staff speech/ display units. It also has a battery backed-up power unit to ensure the system remains fully working during short-term power failures.

Wireless *nursecall*



Nurse Call Transmitter

Using the very latest in radio frequency technology, the SafeCall wireless nurse call system offers a simple solution for providing nurse call services during refurbishment or as a back-up when main systems fail or are being maintained.

Simple to install and use, the SafeCall system consists of a nurse station unit and individual battery-operated transmitters which rest in wall-mounted brackets. This offers total flexibility as no structural change is necessary for installation.

The transmitters can also be moved around within each ward so they are permanently within easy reach of patients; pear push or pull cord facilities can also be incorporated. This means that patients have constant reassurance that help is available.

The system provides three levels of call (call, assistance and emergency), each with a distinctive bleep. The call is transmitted on radio frequency to the

control unit, where the location and priority of the call are displayed. Calls are automatically upgraded to the next priority call level if unanswered for over 2 minutes.

SafeCall is a self-monitoring system which will indicate a fault or low battery.

The SafeCall system is extremely flexible. The system can be linked to an on-site paging system for those members of staff who are constantly on the move but need to be aware of calls on the system. Door contacts, movement detectors, pressure mats, bed weight sensors, telephone ring interface and door bell interface can also be linked with the system.

SafeCall is also ideal for nursing homes, where it can be used as a stand-alone system.

Tandem call system

SafeCall also offers a 'tandem call' system to enable easy location of calls made by more mobile patients. Weighing just 85gms, the 'tandem' can be easily worn around the neck or on a belt and emits a signal at the touch of a button. Signals are transmitted to the nearest Nurse Call Transmitter, which then transmits to the control panel. This enables the location of the wearer to be easily identified.



Nurse Call Control Unit

Providing services at the *bedhead*

The Wandsworth trunking and medical service columns are an attractive and practical way to run gas pipes and cables around wards. It can also incorporate the Wandsworth Digital Call System for total integration of hospital patient services

For the trunking, the body and covers are made from extruded aluminium with a hardwearing creamy white semi-gloss finish. Internally, aluminium barriers divide the services, enabling easy installation and maintenance. Slimmer sections can be used for vertical or horizontal runs.

The Medical Service Columns (MSCs) have been designed for today's clinical environment where the equipment and services required at the bedside is increasing and space is limited.

The back body has 3 segregated compartments for the cables and medical gas pipes. These are concealed behind the attractive front panels.

For both MSC and trunking, the exterior is finished in a powder-coated extremely hardwearing 30% gloss finish. Both come as standard in creamy white, although pure white or grey/white finishes are available to special order.

Colour range

The Wandsworth trunking range comes as standard in creamy white. It is also available in grey/white or pure white on request. The grey/white finish matches the Tele-Call unit.



Creamy white



Grey/white: RAL 9002



Pure white: RAL 9010

Trunking and *service columns*

Available to suit your needs:



Standard Trunking



Integrated Up/Down Lighting

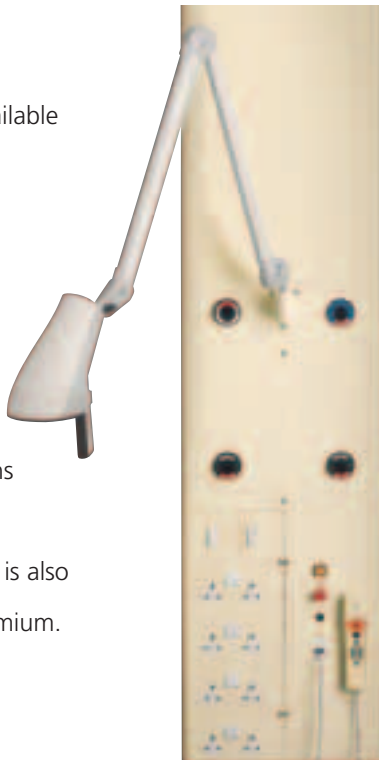


ITU Double-banked Trunking

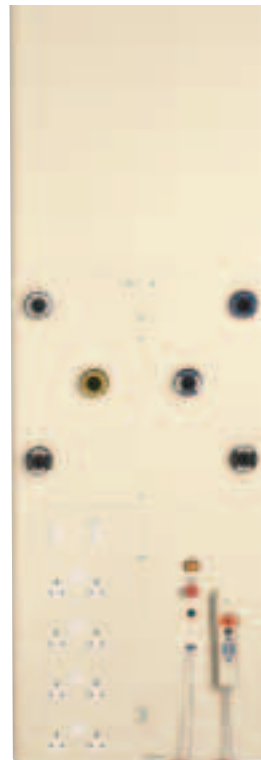
Medical Service Columns are available with a range of options:

- 2 standard widths
- 9 standard extensions to suit different ceiling heights
- 3 segregated compartments
- Range of service configurations

An ultra slim version of the MSC is also available where space is at a premium.



Slimline



Wide



Ultra slim

A *stylish* trunking system designed with *flexibility* in mind



Slim runs: Space-saving sections for vertical and horizontal runs

Compartments for gases and cables

Bedside lamp: Optional. Can be easily angled for maximum benefit.

Corner section for 90° turns

Gas outlets: for a variety of medical gases. Up to four outlets can be fitted (gas terminals not supplied).

Mains power supply. The trunking can also be fitted with either American standard NEMA style or Franco-German standard VDE style power supply as required.

Slim Trunking

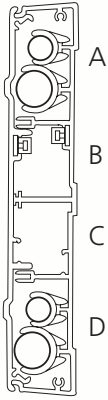
Areas for cables and medical gas pipes

Area A = 20cm²

Area B = 12cm²

Area C = 12cm²

Area D = 20cm²



The Wandsworth QDT600 range is a new style of aluminium trunking designed to carry medical gas pipes and cabling around hospital wards.

No visible fixing screws and a curved profile give the trunking a smooth, sleek appearance.

Medical gas pipes and cabling are contained within the same profile and are segregated internally for ease of installation.

The body and covers of the trunking are made from extruded aluminium with a hard-wearing creamy white semi-gloss finish. Other finishes are available to special order.

Slim sections for vertical or horizontal runs are available, as well as corner sections for 90° turns.

An optional rubber buffer rail is also available to protect the trunking from damage, eg from beds, furniture and other hospital equipment.

Services Trunking

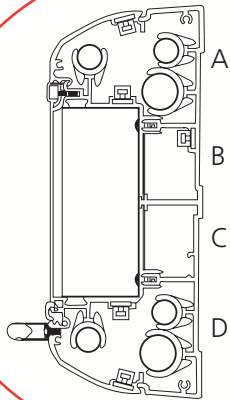
Areas for cables and medical gas pipes

Area A = 40cm²

Area B = 12cm²

Area C = 12cm²

Area D = 40cm²



Reassurance Light:
Flashes when cardiac call is made

Nurse Presence:
Staff press this to indicate attendance

Sloped edges: for safety and for ease of cleaning

Stethophone headset hook

Stethophone headset adaptor

Cardiac pull switch

Bedlight switch: fused bedlight switch

Patient handset: for nurse call system

Handset data socket

Emergency pull switch and reset: lights up when the patient makes a call

Make the *most* of *trunking*

Integrated **Lighting**

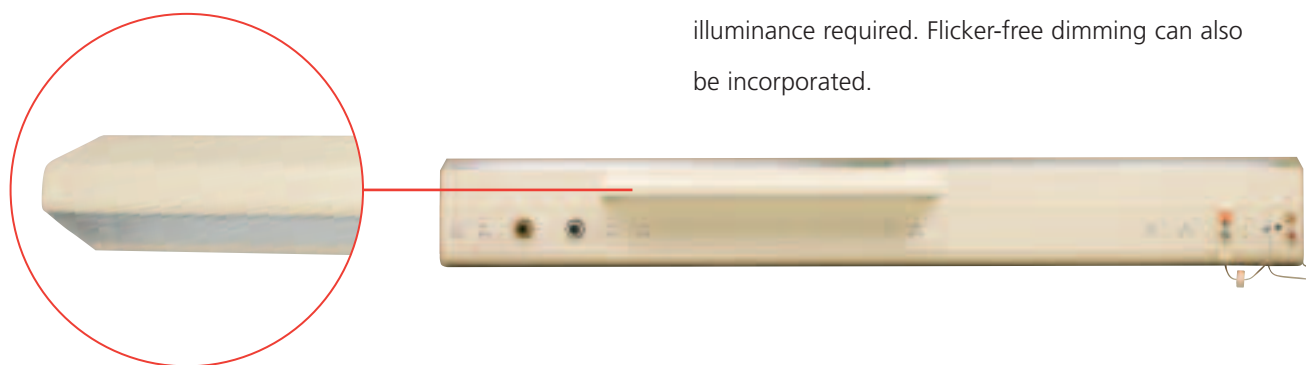
The trunking system can contribute to the ward lighting scheme with the integrated lighting version.

An integral uplighter can provide wall wash lighting, while the downlighter provides a reading light for patients and a low wattage light for night observation.

Using the latest lamp and control gear technology, the high output, energy saving T5 fluorescent tubes give a flicker-free start and optimum performance.

The distribution of light is controlled by the optical design to reduce glare for other patients and staff.

The uplighter can be fitted with either one, two or four 54W tubes depending on the room details and illuminance required. Flicker-free dimming can also be incorporated.



ITU **Twin Trunking**



The ITU Twin Trunking System is a double-banked aluminium bedhead trunking system especially designed for use in ITUs and other areas of the hospital where extra equipment is often needed, and eliminates the need for separate stands.

The double-banked trunking offers an integrated medical rail for clamping medical equipment such as life support devices, and double the gas and mains

power supplies than are available with single banked trunking.

The services can be provided in a range of combinations tailored to individual requirements, with gas pipes, mains electrical power and data cables split between the top and bottom parts. The system can accept up to six medical gas outlets per bedhead.

Maximum services...

The Wandsworth Medical Service Columns (MSCs) are designed for today's clinical environment where the equipment and services required at the bedhead is increasing and space is limited.

The modular containment system carries cables and gas pipes, enabling mains power, data, nurse call, telecoms cables and medical gases to be provided at the bedhead. There is also an option for a bedlight to be fitted to the front of the unit.

The MSCs are available as standard in two widths, to accommodate a wide combination of services. Extension panels are available in 9 standard heights to suit varied ceiling heights. An ultra-slimline MSC is also available to special order (width 230mm).



...*minimum* space

The back body has three segregated compartments for the cables and medical gas pipes. The pipes are routed through the two outer channels (if required) and cabling routed through the centre. The back body is supplied complete with all necessary terminal blocks, printed circuit board mountings and gas termination facilities. Top extension panels are supplied with the back.

The segregated compartments and modular construction of the MSC helps ensure trouble-free installation and maintenance for both new and existing hospitals. The MSC offers particular advantages for existing refurbishment projects, where the services can be routed above the false ceiling and dropped into the top of the column – there is no need for channelling walls or fitting trunking onto walls around windows and columns.

The front panels, medical gases, nurse call and mains can be configured to suit your requirements, and simply fix into place via cover plate fixing screws direct into the back body.



Slimline (400mm)



Wide (500mm)

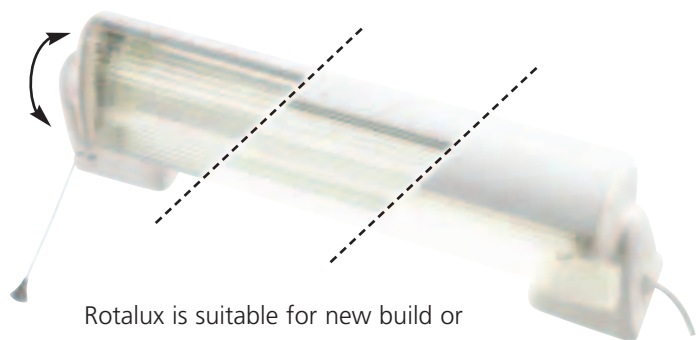


Ultra Slim (230mm)

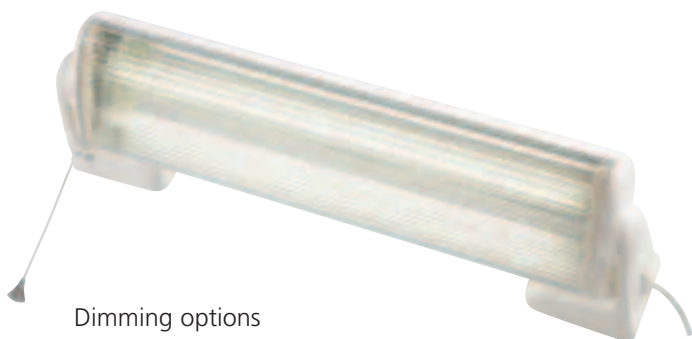
Unique lighting *solutions* throughout the hospital

Rotalux is a unique way to provide uplighting, downlighting and wall wash lighting, and can contribute to the overall ward lighting scheme.

The unique rotation of the unit will allow the light to be rotated through 240 or 350 degrees.



Rotalux is suitable for new build or retro-fit, providing an economical and attractive way to provide flexible lighting.



Dimming options

- direct via the nursecall handset (a unique option if integrated with Wandsworth nurse call systems)
- direct (via individual pull cord), for staff and patient use
- indirect from wall or nurse station

Hygienic and easy to maintain

Rotalux has been designed with hygiene and maintenance in mind. The simple 'clip-in' design means maintenance is totally straightforward and hassle-free – and quick. The robust polycarbonate lens is sealed for hygiene and cleanliness.

Rotalux can be fitted directly to the wall or ceiling, and is compatible with bedhead trunking.

Integral emergency lighting packs ensure that Rotalux won't let you down. All units may be supplied with auto-test emergency lighting packs within the aluminium extruded body.

Rotalux comes as standard in white. However, it is also available in the full range of RAL colour options and coloured anodized finishes, which makes Rotalux ideal for areas where a non-clinical look is desired, such as children's wards.

Versatile and cost effective

Rotalux can be used for general ward lighting, bed lighting, operating and clinical areas and treatment rooms. Wards and public spaces, waiting areas and corridors can all be appropriately lit by using a Rotalux lighting system. Rotalux can also be used as an examination lamp as the 2x54W T5 models give 400 lux over the width of the bed.

The unique Rotalux design for maximum efficiency in light output means significant capital and running cost savings can be made.

A new era in *hospital technology*



A combined TV/Telephone patient bedside entertainment system, with benefits for both patient and Trust.

The combined TV and telephone unit enables patients to watch their choice of TV, and keep in touch with friends and relatives with phonecalls or email. Being in touch with the world outside means a stay in hospital need not be lonely or boring.

The provision of bedside TV and telephone enhances the efficiency of nursing duties. No more distractions by taking telephone calls from patients' friends or relatives – they can talk directly to the patient.

No longer does the nurse or auxiliary have to wheel the trolley phone around wards – the patient has permanent and instant access to their own personal telephone. The Trust also benefits from a wide range of additional services that Tele-Call Digital can provide.

The Tele-Call console can be easily pushed back flush against the wall when not in use and as such does not infringe upon the space around the bed, or interfere with the clinical staff in their daily duties.

It is well documented that happy and contented patients make for a speedier recovery and thus free up valuable bed space for the next patient.

Patient Power

The Patient Power Initiative is part of the government's well-publicised NHS Plan to reform the National Health Service. The Plan states that bedside televisions and

telephones should be available in every major NHS hospital, and that Trusts must make provision for EPR access. Wandsworth are a full Patient Power licence holder.

No cost to the NHS

A modest charge to patients means Tele-Call can be installed at no cost to the NHS in major hospitals, enabling hospitals to meet the NHS Plan targets.

Payment is through an extremely secure 'cardless' system, using PIN numbers. Cash machines in each ward area accept cash or cards, and outstanding credit is refunded. Credit can also be added over the telephone, or by friends/ relatives over a secure, dedicated website.

What about other hospitals?

Tele-Call Digital, or our analogue version can be installed on an outright purchase or lease basis; providing a potential revenue generation vehicle for the establishment, or purely as an additional facility on offer to patients setting your establishment aside from the competition.

Benefits for *everyone*



Benefits for patients

Being able to keep in touch with friends and family is a great comfort to patients, and provides reassurance for loved ones as well.

Tele-Call Digital offers patients:

- multi-channel digital television
- direct dial IP telephone
- answerphone service
- interactive movies
- interactive audio books
- digital radio
- SMS messaging service
- high speed internet & email access
- software & games
- digital information channels
- personal headphones so other patients are not disturbed
- wide range of free services
- Choice of touch screen or remote control handset
- Half-size IR keyboard available

Tele-Call gives a superior viewing experience with a high resolution, 15" touch screen, viewable from virtually any angle. This, combined with the provision

of high quality content and the ability to truly interact with the movies and storybooks (pause, rewind, etc), ensures Tele-Call Digital is a firm favourite with patients.

Tele-Call is for everyone:

- Handset designed for use by partially-sighted and disabled users
- Easy to use touch screen
- Subtitles on teletext
- Multi-lingual at a touch
- Braille instructions available
- Induction loop in handsets available for the hard of hearing

Benefits for trust/staff

Tele-Call can be integrated with the Wandsworth Digital Nurse Call System, resulting in less bedside clutter and just one handset, reducing confusion for the patient.

By installing the Digital Nurse Call System and Tele-Call Digital at the same time, the Trust can make considerable financial savings, as well as minimising disruption to the hospital.

The Trust will benefit from the following services, offered free as standard with Tele-Call Digital:

- Patient surveys
- VOIP calls between all of the Trust's hospitals
- Interactive menu ordering
- Bed status reporting system
- Nurse hand-over messaging system
- Hospital TV including admissions video

The following options are also available:

- TV & Telephone services for non-ward areas
- Low cost EPR, PAS, digital imaging, patient monitoring at the bedside
- Installation & maintenance of Trust networks to meet NHSIA ECRS specification

Tele-Call Digital has the capability to provide bedside computing, giving the Trust a huge range of opportunities, examples include:

- Access to electronic patient records
- Bed management and patient ID
- Patient administration systems
- Catering & dietary control
- Patient satisfaction surveys

- Health videos and websites
- Cognitive exercises and therapies
- Physiotherapy exercises and reminders
- Digital imaging – transmission to the bedside, eg X rays
- Pain management
- Nurse clerking and pre-op checks
- Discharge administration & medication
- Patient monitoring



Designed with the future *in mind*

Tele-Call Digital is a truly digital system – fully interactive, fully digital, IP browser-based system. All services are provided over a single high-speed ethernet network – no co-axial cable, no telephone cable.

New Technology

New technology, either hardware or software based, will be introduced as and when benefits to the patients and/or the Trust are identified. Tele-Call Digital was developed as a direct response to NHS Trusts' desire not to have outdated co-axial cables installed within their facilities and the NHSIA's desire for compatible networks.

Wandsworth have been very careful in the selection of both hardware and software, utilizing standard PC hardware components and proven software, with industry standard components to limit obsolescence. Industry standard network infrastructure means

Tele-Call Digital has built-in fault tolerance and 40% spare capacity for future use.

Integration

The Tele-Call system has all the hardware in place necessary for integration with the Trust's EPR and PAS systems if required in the future. This network could easily be linked to the Trust's network via a VLAN, an E3 or EL4A compliant firewall.

There are a total of 3 USB ports provided at the terminal head with at least one of those ports being made available for integration with other medical equipment for data capture, eg ECG traces, temperature, blood pressure and the use of bar coding for accurate and rapid patient ID.

A great *track record*

Experienced

Wandsworth has already supplied and installed nurse call and containment systems throughout the world, including some of the largest UK PFI projects to date.

Wandsworth equipment is in use in over 300 hospitals in the UK. With 50 years' experience supplying to both NHS and Private hospitals, installing into a live hospital is something we've been doing well for years.

Safe

Wandsworth is a member of the ECA (Electrical Contractors Association) and is an approved installer of electrical equipment, an affiliate member of the IFHE (International Federation of Hospital Engineering), and NHS Estates approved Patient Power full licence holder.

Flexible

The company can offer a fully managed service, a supply-only agreement or a full turnkey design and installation package.

Reliable

It is Wandsworth's policy to maintain a full liaison with Trust at all stages, and agree the installation programme with the Trust. We have proven installation, service and network maintenance capabilities, and full network design/ install services.

Component parts

The Digital Call System and medical service ranges are available in stainless steel and creamy white finishes.

Digital Call System

- Bedhead Units 20
- Patient Handsets 20
- Patient/Staff Call Units 21
- Lamps & Sounders 22
- Nurse Station Unit (non speech) 23
- Nurse Station Unit (speech) 23
- Staff Speech Unit 24
- Staff Display Unit 24
- Power Supply Unit 24
- Printer 24
- PC Logging 24

Digital Sound System

- Master Chassis 25
- Modules 25
- Loudspeaker Control Unit 25
- Repeater Unit 25

SafeCall 26

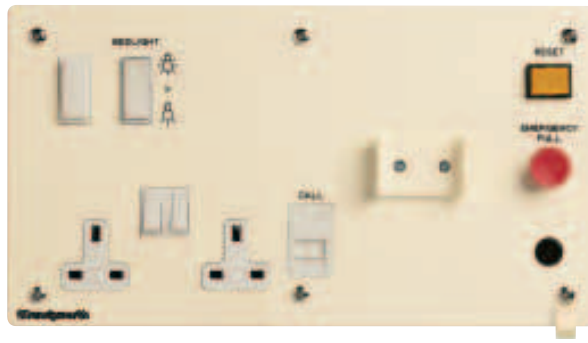
QDT Trunking

- Standard trunking 27-29
- Integrated Lighting Trunking 31
- ITU Twin Trunking 32

Medical Service Columns

- Slimline 33
- Wide 34

Rotalux 35



QD501 Bedhead Unit

Separate compartments for low voltage (230Vac) and extra low voltage (24Vdc).
Front cover plates, overall size: 324mm x 174mmH.

Left hand panel containing:

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. Dividing fillet to separate 230Vac from 24Vdc.

Right hand panel containing:

Illuminated reset push with amber lens.
Red emergency pull-push switch.
Data socket for QD510/QD511/QD512/QD513 handsets.
Stethophone driver unit 220ohm impedance.
Headset parking hook.
Handset parking bracket.

The QD501 offers the following features:

Capability of decoding up to 16 programmes of sound.
Will supply patient to nurse speech facility when used with QD566 and QD567 nurse station units, QD545 Staff Speech Unit and QD511 handset.

The interface connecting PCB has connections for:

Remote patient/bathroom call point with reassurance.
Staff presence switch/lamp.
Room lamp.
All call lamp.
Programmable (Corridor) Lamp.

Remote emergency pull-push switch with reassurance.
Remote cardiac call switch with reassurance intruder alarm switch.
Local sounder mute switch when a sounder PCB is fitted.

There is a provision on the interface connecting PCB for fitting a sounder PCB (QD559/QD557) with connections available for supplying the output to sounder units (QD553/QD554).
Intruder alarm input (reset at nurse station).

Data cable ring item.
Box flush: 8400/B
Box surface 8401/B or CW



QD513 Handset

ABS case colour creamy white:
Continuously monitored. 80mm x 44mm (51mm at top) x 16.5mm.

Wipeclean membrane switch panel with following controls:

Large orange pushbutton for nurse call with nurse symbol permanently backlit.
Red reassurance LED.

QD513 only – completely sealed to IP57 rating.



QD512 Handset with Bedlight Control

ABS case colour creamy white:
160mm x 44mm (51mm at top) x 16.5mm. Continuously monitored.

As QD513 with addition of:

Grey pushbutton for bedlight control.
Weight with cable: 130gms.



QD510 Handset with Bedlight Control and Entertainment

As QD512 with addition of green LED display of programme selected audio/TV.
Selects up to a maximum of 16 programmes.
Grey pushbuttons for: Entertainment On/Off.
Programme select Up/Down.
Volume Up/Down.
Bedlight control.
Supplied with a linen clip.
Weight with cable 130gms.
Continuously monitored.



QD511 Handset with Bedlight Control and Patient to Nurse Speech Facility

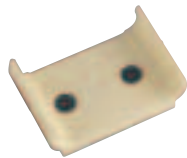
As QD510 with addition of:
Loudspeaker and microphone for two way speech communication with nurse.
Two-way speech is opened only when the nurse opens NSU/SSU speech and patient responds.
Supplied with a linen clip.
Weight with cable 155 gms.
Continuously monitored.

Handset/call unit pushbutton functions are marked by appropriate symbols in black, under surface printed for permanency. These units are sealed for protection against spillages and can be sterilised by wiping with a sterilising solution. All units have anti-slip rubber feet and are fitted with two metres of grey flexible pvc 4 core telephone cable and data plug.



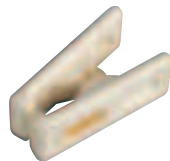
QD516 Shorting plug

Data plug wired to act as a shorting plug if the handset is removed.



QD517 Handset Parking Bracket

Creamy white nylon bracket 32mmH x 49mmW x 17mmD. Supplied with two M3.5 x 8 Self Tapping screws. For use at alternative locations.



QD518 Handset Linen Clip

Creamy white plastic for attaching handset cable to bed linen.



QD107 Stethophone Headset

For radio/TV sound with foam ear pieces for comfort.



QD519 Headset Parking Hook

Creamy white plastic hook for stowing stethophone headset at location other than bedheads. Supplied with a 6 x 5/16 Self Tapping screw.

Parts QD590-597 Incorporate enhanced software features. Please contact our technical department for more information.



QD520 & QD590 Reset Unit

Illuminated reset push with amber lens. Plate size: 124mmW x 174mmH. Data cable ring item. Box flush: 8408/B. Box surface: 8409/B or CW



QD521 & QD591 Reset/Emergency Unit

Illuminated reset push with amber lens. Red emergency pull-push switch. Plate size: 124mmW x 174mmH. Data cable ring item. Box flush: 8408/B. Box surface: 8409/B or CW



QD522 & QD592 Call/Reset Unit

Illuminated reset push with amber lens. Orange nurse call push. Plate size: 124mmW x 174mmH. Data cable ring item. Box flush: 8408/B. Box surface: 8409/B or CW



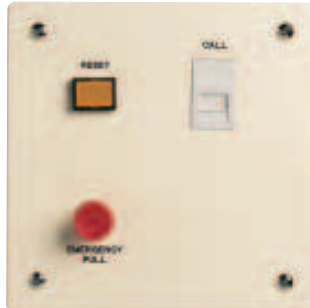
QD523 & QD593 Call/Reset Emergency Unit

Illuminated reset push with amber lens. Orange nurse call push. Red emergency pull-push switch. Plate size: 174mmW x 174mmH. Data cable ring item. Box flush: 8410/B. Box surface: 8411/B or CW



QD524 & QD594 Data Socket Reset Unit

Illuminated reset push with amber lens. Data socket for QD512/513 patient handset. Plate size: 124mmW x 174mmH. Data cable ring item. Box flush: 8408/B. Box surface: 8409/B or CW



QD525 & QD595 Data Socket Reset/Emergency Unit

Illuminated reset push with amber lens. Red emergency pull-push switch. Data socket for QD512/513 patient handset. Plate size: 174mmW x 174mmH. Data cable ring item. Box flush: 8410/B. Box surface: 8411/B or CW



QD526 & QD596 Emergency/Reassurance Unit

Red emergency pull-push switch with amber reassurance lamp. Plate size: 124mmW x 174mmH. Data cable ring item. Box flush: 8408/B. Box surface: 8409/B or CW



QD530 Call Switch/Reassurance

Orange nurse call push. Red LED reassurance light. Plate size: 86mmW x 86mmH. Remote cable item. Box flush: 1702/G. Box surface: 8403/B or CW

QD527 & QD597 Cardiac/Reassurance Unit

Illuminated reset push with amber lens. Black cardiac pull-push switch with amber reassurance lamp. Plate size: 124mmW x 174mmH. Data cable ring item. Box flush: 8408/B. Box surface: 8409/B or CW



**QD531 Call/Reset
Emergency**

Illuminated reset push with amber lens.
Orange nurse call push.
Red emergency pull-push switch.
Plate size: 124mmW x 174mmH.
Remote cable item for use in conjunction with QD509, loudspeaker control unit in dayrooms.
Box flush: 8412/B
Box surface: 8413/B or CW



**QD532 Emergency
Switch/Reassurance**

Red emergency pull-push switch with amber reassurance lamp.
Plate size: 86mmW x 146mmH.
Remote cable item.
Box flush: 8404/G
Box surface: 8405/B or CW



**QD533 Cardiac
Switch/Reassurance**

Black cardiac pull-push switch with amber reassurance lamp.
Plate size: 86mmW x 146mmH.
Remote cable item.
Box flush: 8404/G.
Box surface: 8405/B or CW



**QD534 Reset/
Emergency Switch**

Illuminated reset push with amber lens.
Red emergency pull-push switch.
Plate size: 124mmW x 174mmH
Remote cable item.
Box flush: 8412/B
Box surface: 8413/B or CW



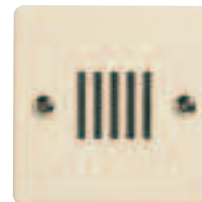
**QD540
Staff Presence Switch**

Push switch with integral reassurance lamp and clear lens.
Plate size: 86mmW x 86mmH.
Remote cable item.
Box flush: 8402/G
Box surface: 8403/B or CW



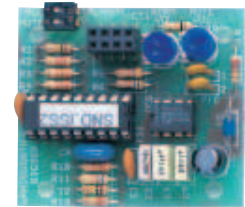
**QD549 Overdoor
Lamp/Sounder**

Loudspeaker.
Output 70dB at 1 metre.
QD550 lens and indicator to be ordered separately.
Plate size: 86mmW x 146mmH.
Remote cable item.
Box flush: 8404/G.
Box surface: 8405/B or CW



**QD554
Sounder**

Loudspeaker 64 ohm.
Output 70dB at 1 metre.
Plate size: 86mmW x 86mmH.
Remote cable item.
Box flush: 8402/G.
Box surface: 8403/B or CW

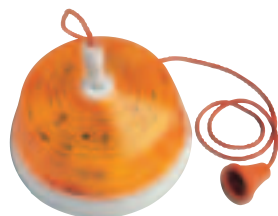


**QD559 Sounder PCB/
QD557 Emergency/
Cardiac Sounders PCB**

Provides options for patient, bathroom, emergency and cardiac calls with centralised or local mute, or intruder alarm, or drug cupboard alarm. The QD559 plugs into a QD501 Bedhead Unit, QD509 Loudspeaker Control Unit, or the QD520/QD590 to QD527/QD597 reset units.

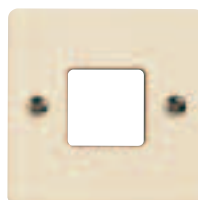
**QD557 Emergency/
Cardiac Sounders PCB.**

PCB for providing emergency and/or cardiac signals to the QD553/QD554 sounders. The QD557 plugs into the QD501 Bedhead Unit, QD509 Loudspeaker Control Unit, or the QD520 to QD527 Reset Units. Provides options for emergency calls only, or cardiac calls only, or emergency and cardiac calls only.



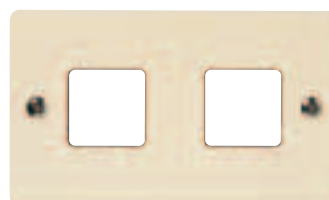
**QD322
Ceiling Pull**

White surface mounting ceiling pull.
Integral reassurance light with amber lens, orange pull cord and acorn.
Remote cable item.
Box: BS 31 with 50.8mm centres.



**QD547*
Single Overdoor
Indicator Plate**

QD 550 Indicator and Lens to be ordered separately.
Plate size: 86mmW x 86mmH.
Remote cable item.
Box flush: 1702/G
Box surface: 8403/B or CW



**QD548*
Twin Overdoor
Indicator Plate**

QD 550 Indicators and Lenses to be ordered separately.
Plate size: 146mmW x 86mmH.
Remote cable item.
Box flush: 1703/G
Box surface: 8405/B or CW



**QD550/*LED Overdoor
Indicator and Lens**

*Lens colour eg A.
A – Amber
R – Red
GR – Green
BL – Blue
Cl – Clear
Size: 36mm square

*QD551 and QD552 still available for spares.



QD567 Speech Nurse Station Unit

The QD567 nurse station unit (NSU) is the standard NSU for use when the speech facility is required. When NSUs are connected to enable transfer between ward areas, one NSU in the NSU data ring must be the master type ie QD564 or QD566.

Front plate size: 360mmW x 250mmH containing: Wipeclean membrane keyboard size: 245mmW x 190mmH
 Colours: Background – stone grey. Keys – creamy white, orange and black.
 Display surround and text – black and creamy white.
 Under surface printing for permanency.

2 lines of 40 character backlit LCD to indicate call, staff presence and speech details.
 Key functions: Pager, mute sounders, transfer, clear, enter, scroll up, scroll down, patient call reset, open speech, dial speech, close speech, staff address, 0-9 matrix.
 Green LED indicators are associated with the keys for: Pager, mute sounders and transfer to show when the function is selected.
 LED indicators are mounted above the display showing:
 "Transferred call" – Yellow LED
 "Intruder" – Red LED
 "Drugs cupboard" – Yellow LED
 "All call" Green LED.

Internal sounder for audible indication of calls. NSU handset for two way speech communication. The QD567 NSU can be programmed to suit each specific ward. Abbreviated ward and room names can be entered to clarify call source and NSU status during transfer.
 Outputs for external lamps:
 4 programmable, transferred call, intruder, drug cupboard, all call.
 3 sets of clean contacts for linking to a paging system:
 Patient/Bathroom calls
 Emergency calls
 Cardiac calls
 Box flush: 8414/B
 Box surface: 8415/B or CW

QD566 Master Speech Nurse Station Unit

The QD566 master speech nurse station unit is as the specification of the QD567 with the addition of a retiming PCB. This unit is fitted in the nurse station ring when NSUs are linked eg. when the transfer facility is required. All other NSUs within the ring are standard type QD567 or QD565 units.
 Box flush: 8414/B
 Box surface: 8415/B or CW



QD565 NSU Non Speech/ QD564 Master NSU Non Speech

Descriptions and dimensions as above but without the speech facility.

QD568 Enhanced Software Package

To upgrade QD564-567 NSUs adding the features of data logging, pager interface and flexible nursing. Note: One QD568 per nurse station is required where one or more of the above features are required.



**QD545
Staff Speech Unit**

The QD545 Staff Speech Unit (SSU) enables staff to talk to patients at their beds, staff at the NSU and staff at other SSUs.

Unit size: 246mmH x 122mmW x 30mmD. Wipeclean membrane keyboard size: 110mmW x 130mmH.

Colours:
ABS Moulding – creamy white
Membrane background – creamy white
Keys – orange and grey
Text and Lines – black
Under surface printing for permanency.
4 lines of 20 character backlit LCD to indicate call, alarm, staff presence and speech details.
Key functions: Scroll up, Scroll down, Presence, Mute microphone, Call reset, Dial NSU, Open/Close speech, Staff address.
LED indicators show:
"Staff Presence" – Yellow LED
"Speech Open" – Green LED
Internal loudspeaker for audible annunciation of calls, alarms, staff addresses.
Loudspeaker is also used in conjunction with microphone for 2-way hands-free speech.
Output for external "Staff Presence" lamp.
Box flush only: 8430/B.



**QD546
Staff Display Unit**

The QD546 Staff Display Unit (SDU) enables staff to view call, alarm and staff presence details.

Unit size: 246mmH x 122mmW x 30mmD.

Wipeclean membrane keyboard size: 110mmW x 130mmH.
Colours:
ABS Moulding – creamy white
Membrane background – creamy white
Keys – grey
Text and lines – black
Under surface printing for permanency.
4 line 20 character backlit LCD to indicate call, alarm and staff presence details.
Key functions: Scroll up, Scroll down, Presence.
LED indicator shows:
"Staff Presence" – Yellow LED
Internal loudspeaker for audible annunciation of calls and alarms.
Output for external "Staff Presence" lamp.
Box flush only: 8430/B.



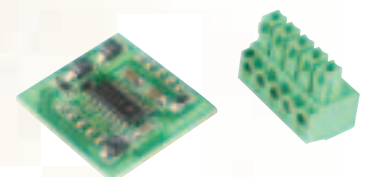
**QD573
Printer**

Impact dot matrix printer using 76mm single ply receipt paper. Provides origin and time of call & alarm initiation, plus reset transfer and fault details.
158mmW x 193mmH x 234mmD.

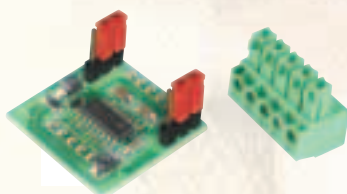


**QD570
Power Supply Unit**

Sheet steel powder coated light grey case 440mmL x 204mmW x 170mmH containing: Transformer, Rectifier, smoothing and regulating electronics.
Charging circuit.
Maintenance free sealed lead acid batteries providing system back-up for 4 minutes minimum on loss of 230V mains supply.
Double pole mains On/Off switch with neon indication.
230V 5amp mains input fuse.
Circuit breaker/isolator for 24dc output.
Yellow LED for 'battery charging'
Green LED for 'battery charged'
Screw terminals and conduit entry holes for 230V mains input and 24V dc output. Full load rated output 8A 24V dc.
Fan assisted cooling.
Can be mounted horizontally or vertically. Weight 9.4kg.



**QD571
RS232 PCB**



**QD572
RS485 PCB**



QD578

PC Logging software



QD579

Wall mounted PC logger and paging interface unit
Front plate size: 248mmW x 172mmH
Box flush: 8431/B



QD398 & QD399

100m/250m data cable for DCS & DSS

Digital sound system

The Wandsworth Digital Sound System is primarily for use in hospitals, enabling the selection of up to sixteen programmes, either TV, FM or AM radio and auxiliary inputs.

These digital signals are distributed from a modular master unit via one four-core screened data cable. This low cost, light-

weight data cable reduces installation time and simplifies connections. Isolation techniques ensure that faults are localised and do not affect the rest of the system. The system is flexible, allowing easy expansion or modification after installation, and all module receiver types are interchangeable.

Digital signals significantly improve sound quality, resulting in less interference, and the sound from all TV stations can be distributed, offering listening choice to patients.



QD580 Master Chassis and Modules

The master chassis is supplied as a complete assembly and contains the power supply, encoder and monitor modules with all their relevant connections in the outer case. This master chassis is then ready to accept the receiver modules of your choice, and if necessary the blank panels.

A modular concept unit 450mmW x 182mmH x 400mmD housing the power supply, encoder and monitor modules. Receiver modules are ordered as required. The unit is finished in light and dark grey with the module fronts of anodised aluminium.

QD582 Dual Encoder

Used to replace the original encoder in the QD380 DSS Master Rack Assembly and provide two data outputs for DSS systems and two data outputs for DCS systems.

Monitor Module

Each individual channel may be monitored by the channel select push button and indicator. A frequency meter shows the station that each receiver is tuned to; a level indicator allows accurate tuning and a stethophone driver enables audio quality checks to be made.

Power Supply Module

Includes On/Off switch and supply indicators. Provides isolation from the mains and +5, +18, +30V dc supplies regulated and protected for the unit.

Encoder Module

Housing the system clock analogue to digital converters and data cable driver, this unit can encode the audio from up to eight receiver modules (16 programmes).

QD381 FM Module

Contains two individual FM radio receivers which cover the 87.5 to 108Mhz frequency band. Each has an AFC push button and a screwdriver tuning control.

QD382 AM Module

Contains two individual AM receivers which cover the 525 to 1605 KHz frequency band. Each has a screwdriver tuning control.

QD383 MW/LW Radio Module

Contains two radio receivers, one for the AM 'medium wave' frequency band 525 to 169KHz, one for the 'long wave' frequency band 148 to 284KHz. Each receiver has a screwdriver tuning control.

QD384 TV Module

Contains two individual TV sound receivers which cover the UHF channels 21 to 68. Each has an AFC push button and a screwdriver tuning control.

QD385 Auxiliary Microphone Input Module

Contains an auxiliary input for use with external audio source such as a tape recorder, and a microphone input for use with a low impedance microphone. Both have level controls.

QD395 Repeater Unit

Required for sound system main or secondary wiring runs in excess of 300m. The repeater unit regenerates the digital signals to allow a further 300m wiring run. Box surface: 8391/B.

QD386 Blank Front Panel

Blanking plate.

QD509 Loudspeaker Control Unit

For use with remote loudspeaker (not supplied) in areas such as dayrooms. Front cover plate 174mm x 174mm. Control switches on membrane panel. Standby On/Off; Programme Select Up/Down; Volume Up/Down. LED display for indicating programme selected. QD509 will decode up to 16 programmes. Amplifier output 1W into one 8ohm loudspeaker. The interface connecting PCB is as detailed for QD501 Bedhead Unit, including the provision for fitting a sounder PCB (QD559). Data cable ring item. Box flush 8406/B.



SafeCall system components



SC30 Nurse Call Control Unit

Features a large LED display for ease of call identification. RED character – call type/zone
YELLOW character – room/bed
Numerical display 001-998 for house, ward or floor numbering systems.

Waiting calls can be scrolled through on the display.
Mains power failure indicator.

Sounders: Four alarm tones:
C – Call

A – Assistance

E – Emergency

L & F – battery low and fault.

An RS232 outlet provides for connection to a serial printer enabling on-line real time logging and historical print out. The three function buttons provide control for: mute, volume up and volume down. The green LED provides visual indication of the volume level set.

Emergency calls revert to maximum regardless of the current setting.

The system meets the EMC Directive, the Low Voltage Directive and is RA Type Approved.



SC12 Nurse Call Transmitter

With remote facility. Portable or wall mountable. Housed in creamy white ABS moulding, size: 190mm L x 92mm W x 32mm D. Weight 310g.

Function buttons: large ORANGE nurse call embossed with 'Call' in Braille for patients. Recessed small GREY buttons for staff use. Letter embossed alongside:

R – Reset

A – Assistance

E – Emergency

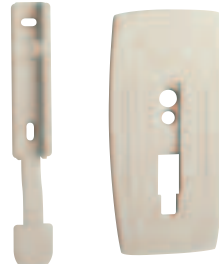
Call types: Call, Emergency, Assistance, Reset, Low Battery, Fault (test signal), Nurse Presence (optional). Inputs: Two sockets to accept pear push auxiliary input terminals for accessories.

1m pull cord also supplied.

Power supply: 4 x AA alkaline batteries or external 6V DC supply.

Operating frequency: High Band VHF, Type Approved to MPT1344 licence exempt.

Receiver for Tandem Call Transmitter.



SC18 Wall Bracket and Plate

To hold the SC10



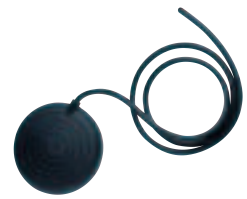
SC20 Pear Push Assembly

To enable patients to call from their beds or chairs more easily.



SC21 Pear Push Cradle

To hold the pear push and prevent tangles.



SC22 Airswitch

Sensitive call mechanism for those with restricted movements.



SC23 Remote Pull Cord (hard wired)

For use in bathrooms.



SC17 Overdoor lamp/buzzer (hard wired)

To indicate call location



SC31 Nurse Call Repeater Panel (hard wired)

Repeater indicator panel. Hard wired to master panel.



SC13 Tandem Call neck pendant Transmitter

Lightweight portable transmitter.



SC14 Tandem Call hand held Transmitter

Lightweight portable transmitter with belt clip.



SC29 Serial Printer

For call logging and historical print out.

SC32 Mini Mimic Panel

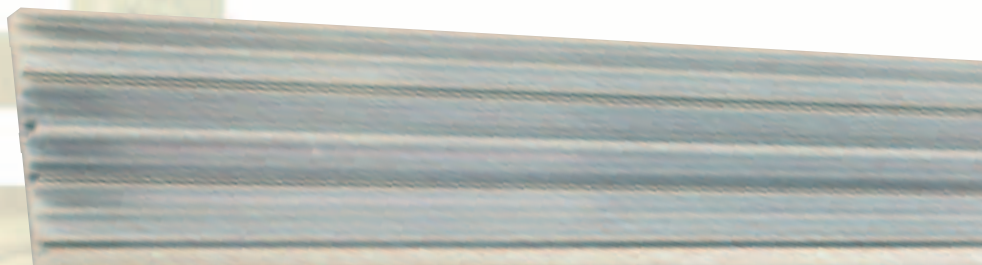
SC18 Overdoor Audio Visual Lamp Sounder



QDT600 trunking *system* components

QDT602 Trunking Back

Length: 2m
Height: 230mm



QDT622 Back Cover

Length: 2m
Height: 230mm



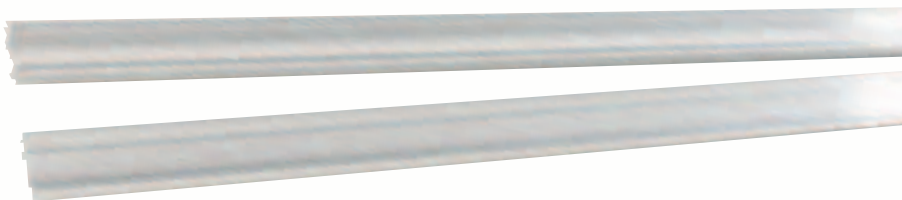
QDT664 Front Cover Plate

Length: 2m
Height: 230mm



QDT618 Upper & Lower extension

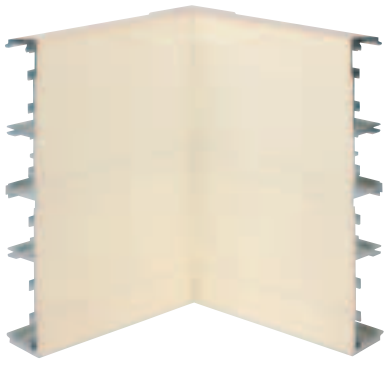
Length: 2m



QDT619 Side cover and trim extrusion

Length: 2m
Contains top and bottom covers
and trim extrusion





**QDT603 90°
Internal Corner**

Edge to corner: 200mm



**QDT604 90°
External Corner**

Edge to corner: 200mm



**QDT605 Vertical
Corner**

Bottom width: 300mm



**QDT608 Slim
End Cap**

To cover the ends of slim trunking sections.



**QDT609 Full
End Cap**

To cover the ends of services trunking sections.



**QDT610 Services
End Cap**

To cover ends where services enter or exit the trunking.



**QDT665 Cover
Plate Trim**

For between cover plates.

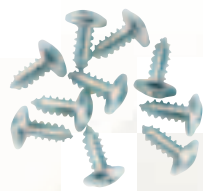


**QDT638 Earth
Terminal**



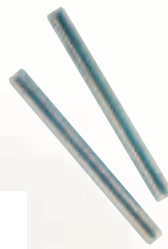
**QDT633 Cover
Removal Tool**

To remove trunking covers.

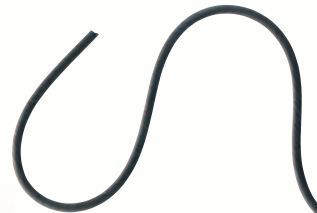


**QDT634
Fixing Screw**

For front cover and extensions.
Sold in packs of 10 screws.



**QDT639
Joining Pin**



**QDT211
Rubber Insert**

To prevent damage to the trunking from trolleys, beds etc. 30 metres long.



**QDT410
Buffer Rail**

2m long. Holds rubber buffer to protect trunking.

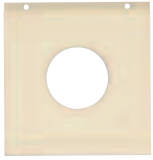


**QDT432
Rubber Insert
Corner End Stop**

Use at the ends of the trunking to provide a sleek finish.

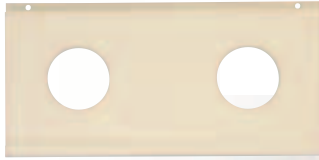
Trunking *covers*

The QDT600 system can be obtained with any of the components shown below. The front covers are all of extruded aluminium and are finished powder coated creamy white 30% gloss.



QDT641

Single medical gas outlet 130mm long.



QDT642

Twin medical gas outlet 280mm long.



QDT643

Triple medical gas outlet 400mm long



QDT655

Single switched socket 95mm long



QDT656

Twin switched socket 175mm long



QDT659

Bedlight bracket 95mm long



QDT661

1 gang Cat 5e data socket 95mm long



QDT662

2 gang Cat 5e data socket 95mm long



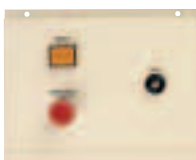
QDT677 & 678

Telephone line jack Master & Secondary 95mm



QDT680

Rocker switch 95mm long



QDT652 (Analogue)

Jack socket Call/Reset/Emergency 175mm long



QDT670 (Analogue)

Emergency call unit 95mm long



QDT658 (Analogue) & 681 (DSS/DCS)

Bedlight switch/fused connection & Bedlight switch/Fused connection/Relay (681) 175mm long



QDT660 (Analogue)

Radio selector/volume control/stethaphone driver unit 175mm long



QDT682 (Analogue)

Jack socket/Emergency/Reset/bedhead unit 315mm long



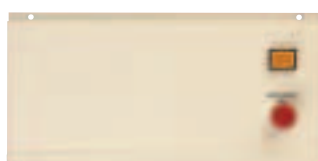
QDT686 (DCS)

Cardiac switch/Reassurance 95mm long



QDT687 (DCS)

Staff presence switch 95mm long



QDT688 (DCS)

Emergency reset unit 280mm long



QDT692 (DSS)

Jack socket/Emergency/Reset DSS bedhead unit 280mm long

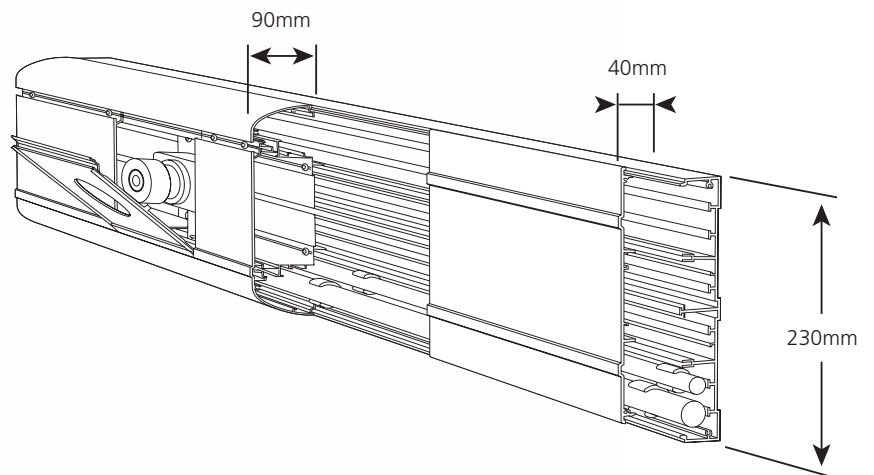


QDT695 & 696 (DCS)

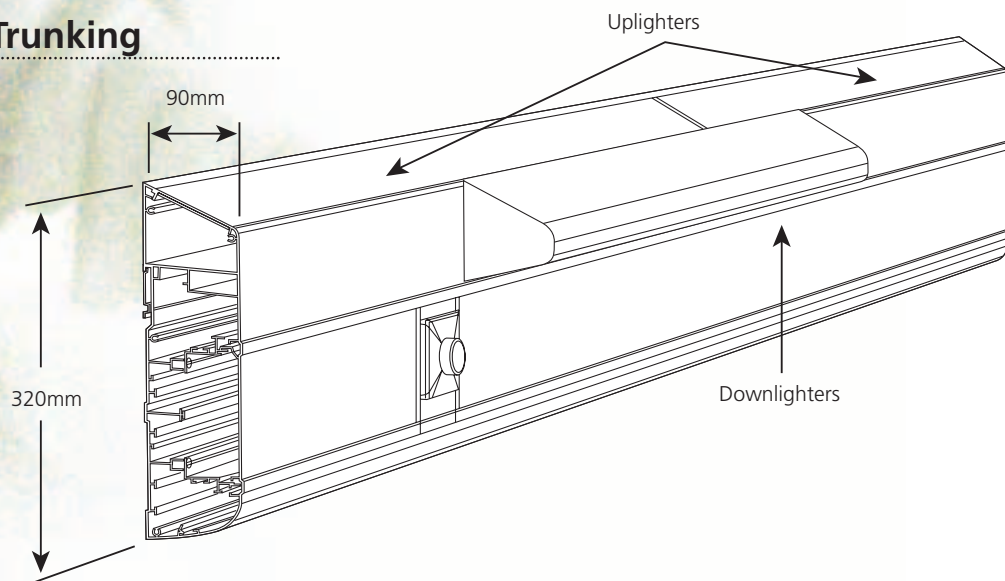
Trunking bedhead unit and Trunking bedhead unit full features 280mm long

Trunking range *overview*

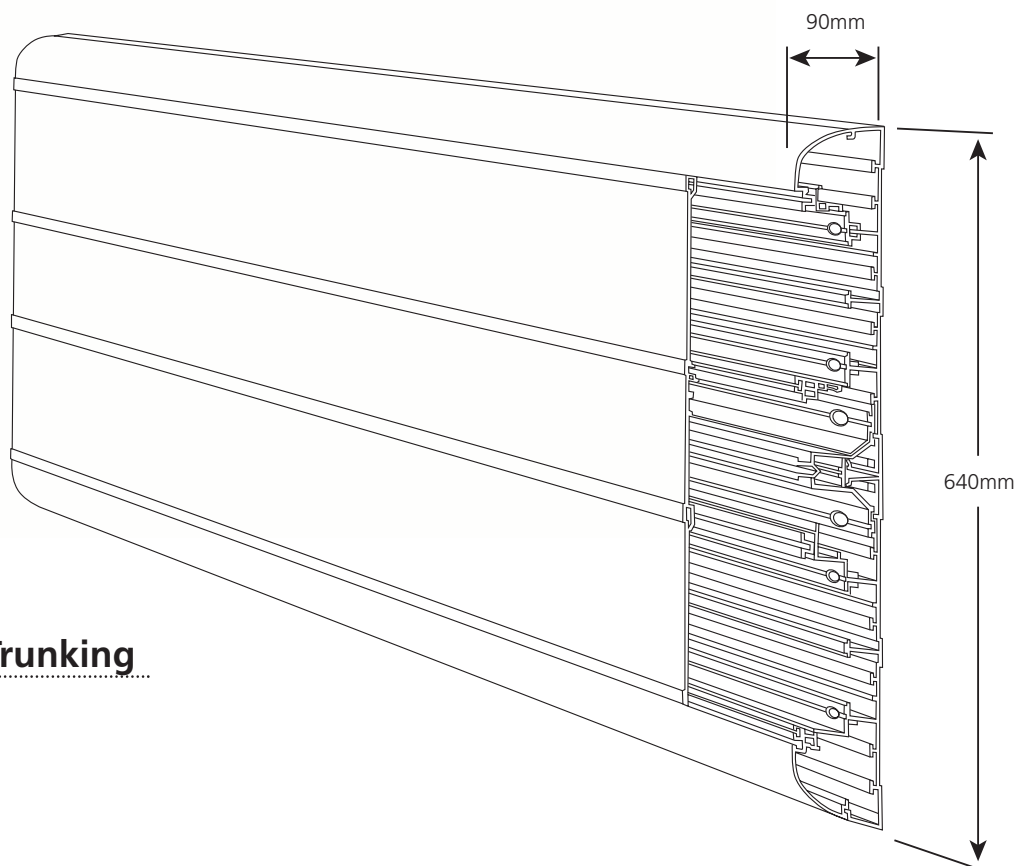
Standard
QDT600 Trunking



Integrated
Lighting Trunking



ITU
Double Banked Trunking



Integrated lighting *trunking* components

The parts listed below are additions to the standard trunking parts, specific to the integrated lighting trunking.



QDT606 Trunking Hanging Strip
.....

2 metres long.



QDT607 Trunking Back
.....

2 metres long.



QDT616 Trunking Full end cap (LH)
.....



QDT617 Trunking Full end cap (RH)
.....



QDT684 Trunking Full end cap (LH)
.....

Cap surface feed (LH)



QDT685 Trunking Full end cap (RH)
.....

Surface feed (RH)



QDT666 Uplighter Housing Unit Only
.....

2 metres long.
A range of lighting combinations is available; please speak to our Technical Department.



QDT690 Trunking Downlighter
.....

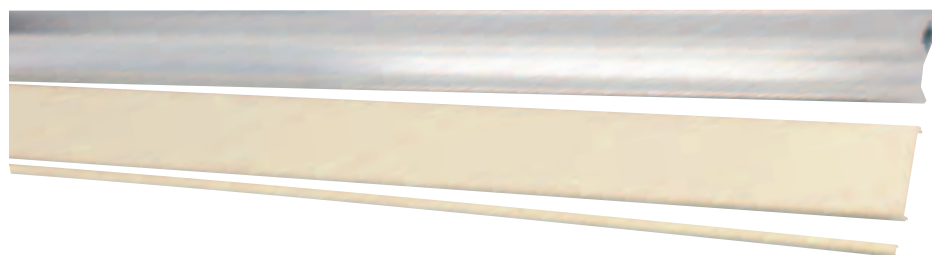
2 metres long.

QDT676 Trunking Downlighter
.....

Trunking downlighter
Incorporates 5 watt
watchlight

ITU *trunking parts*

The parts listed below are additions to the standard trunking parts, specific to the ITU double-banked trunking.



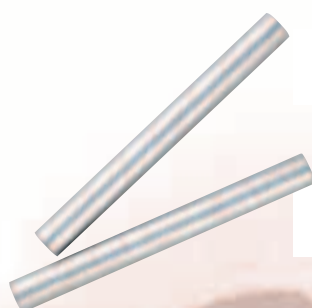
QDT644 Trunking Cover & support

Part includes metal support, and cover and trim.
2 metres long.



QDT645 Trunking Medirail

3 meter medi-rail



QDT649 Trunking Jointing kit



QDT640 Trunking End Cap

Medical service column *parts*

The following parts are for the slimline MSC, (400mm wide) when up to 4 gas outlets are required.

MSCs are made to customer requirements from the parts below.



**QD702
Extension Panel**

Extension panel in 9 standard heights. Back extension included. Size: 200mm, 250mm, 300mm, 350mm, 400mm, 450mm, 500mm, 550mm, 600mm.



**QD710 Blank
Gas Panel**

Approx size:
450mm H x 400mm W



**QD711
1-Gas Panel**

Approx size:
450mm H x 400mm W



**QD712
2-Gas Panel**

Approx size:
450mm H x 400mm W



**QD713
3-Gas Panel**

Approx size:
450mm H x 400mm W



**QD714
4-Gas Panel**

Approx size:
450mm H x 400mm W



**QD701
Cover**

Approx size:
645mm H x 400mm W



**QD720
DSS Panel**

Approx size:
500mm H x 200mm W
Features: reset, emergency pull, handset bracket, stethophone driver unit, handset jack socket.



**QD721
DCS Panel**

Approx size:
500mm H x 200mm W
Features: reset, emergency pull, handset bracket, data jack socket, stethophone driver unit. For use with Digital Nursecall System.



**QD722
Analogue Panel**

Approx size:
500mm H x 200mm W
Features: reset, emergency pull, handset bracket, stethophone driver unit, handset jack socket. For use with QD300 Nursecall.



**QD723
Blank Panel**

Approx size:
500mm H x 200mm W



**QD730
Mains Panel 1**

Approx size:
500mm H x 200mm W
Features: 4 twin switched socket outlets, fused bedlight on/off switch.



**QD731 Mains
Panel**

Approx size:
500mm H x 200mm W
Features: 4 twin switched socket outlets, fused bedlight on/off switch, inspection light switch.



**QD732 Mains
Panel 3**

Approx size:
500mm H x 200mm W
Features: 4 twin unswitched socket outlets, fused bedlight on/off switch.



**QD733 Blank
Mains Panel**

Approx size:
500mm H x 200mm W



**QD734 Mains
Panel 4**

Approx size:
500mm H x 200mm W
Features: 3 twin switched socket outlets, fused bedlight on/off switch.



**QD735 Mains
Panel 5**

Approx size:
500mm H x 200mm W
Features: 2 twin switched socket outlets, fused bedlight on/off switch.



**QD736 Mains
Panel 6**

Approx size:
500mm H x 200mm W
Features: 1 twin switched socket, fused bedlight on/off switch.

The following parts are for the wide MSC, when 5 or 6 gas outlets are required.



QD740 Blank Lamp Panel

For use when no lamp is required. For both 'narrow' and 'wide' MSC's



QD741 Lamp & Bracket Panel

For use when angled lamp is required. For both 'narrow' and 'wide' MSC's



QD752 Extension panel

Extension panel in 9 standard heights. Back extension included. Available in: Heights: 200mm, 250mm, 300mm, 350mm, 400mm, 450mm, 500mm, 550mm, 600mm. Width: 500mm.



QD760 Blank Gas Panel

Approx size: 450mm H x 500mm W For use when gas outlets are not required.



QD765 5 Gas Panel

Approx size: 450mm H x 500mm W Holes for 5 gas outlets.



QD766 6 Gas Panel

Approx size: 450mm H x 500mm W Holes for 6 gas outlets.



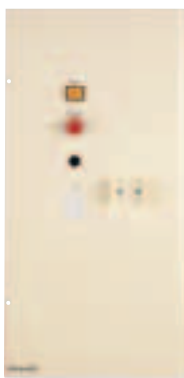
QD751 Cover

Approx size: 645mm H x 500mm W



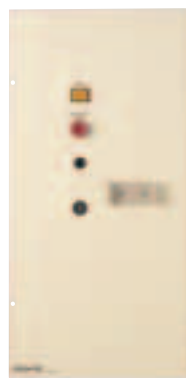
QD770 DSS Panel

Approx size: 500mm H x 250mm W With reset button, emergency pull, handset bracket, stethophone driver unit, handset jack socket for use with DSS.



QD771 DCS Panel

Approx size: 500mm H x 250mm W Features: Reset button, emergency pull, data socket and handset bracket, stethophone driver unit for use with DCS.



QD772 Analogue Panel

Approx size: 500mm H x 250mm W Features: Reset button, emergency pull, and handset bracket, stethophone driver unit, handset jack socket for use with analogue/QD300 Nursecall.



QD773 Blank Panel

Approx size: 500mm H x 250mm W



QD780 Mains Panel 1

Approx size: 500mm H x 250mm W Features: 4 twin switched sockets, fused bedlight on/off switch.



QD781 Mains Panel 2

Approx size: 500mm H x 250mm W Features: 4 twin switched sockets, fused bedlight on/off switch, inspection light switch. For details of the mini MSC, please contact our Technical Department for information



QD782 Mains Panel 3

Approx size: 500mm H x 250mm W Features: 4 twin unswitched sockets, fused bedlight on/off switch.



QD783 Blank Mains Panel

Approx size: 500mm H x 250mm W



QD784 Mains Panel 4

Approx size: 500mm H x 250mm W Features: 3 twin switched sockets, fused bedlight on/off switch.



QD785 Mains Panel 5

Approx size: 500mm H x 250mm W Features: 2 twin switched sockets, fused bedlight on/off switch.



QD786 Mains Panel 6

Approx size: 500mm H x 250mm W Features: 1 twin switched socket, fused bedlight on/off switch.

Rotalux product *range*

Product Description

Product Code

Wall or Ceiling Mounted: 10 Options

640mm	1 x 14w T5 Close Focus/Wide Angle HF	
	c/w Pullcord switch-dimming	BL1
	350-degree Rotation	
	Remote switch/ dim*	BL2
640mm	2 x 14w T5 Close/Wide Angle HF	
	c/w Pullcord switch-dimming	BL3
	350-degree Rotation	
	Remote switch/dim*	BL4
640mm	1 x 24w T5 Close Focus/Wide Angle HF	
	c/w Pullcord Switch-dimming	BL5
	350-degree Rotation	
	Remote switch/ dim*	BL6
640mm	2 x 24w T5 Close Focus/Wide Angle HF	
	c/w Pullcord Switch-dimming	BL7
	Remote switch/dim*	BL8
	640mm	1 x 24w/2x24w T5 Close Focus/Wide Angle HR non-dimmable
240-degree Rotation		BL9
350-degree Rotation		BL10

ROTALUX luminaires come with High Frequency Ballasts and Colour 84 lamps.

Standard finish: White, etched and powder coated.

* Fitting is wired to suit remote switch/dimming from a retractive wall switch (see below), or via a Wandsworth nurse call handset (contact our technical services department for details of special nurse call bedhead unit requirements for this option).

Optional Extras

Emergency 3-hr Autotest for all models

MDF Mounting Board

2 way + Off retractive wall switch assembly

Code

EAT (suffix)

F027-029

P201/W + G201 + 17/W



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