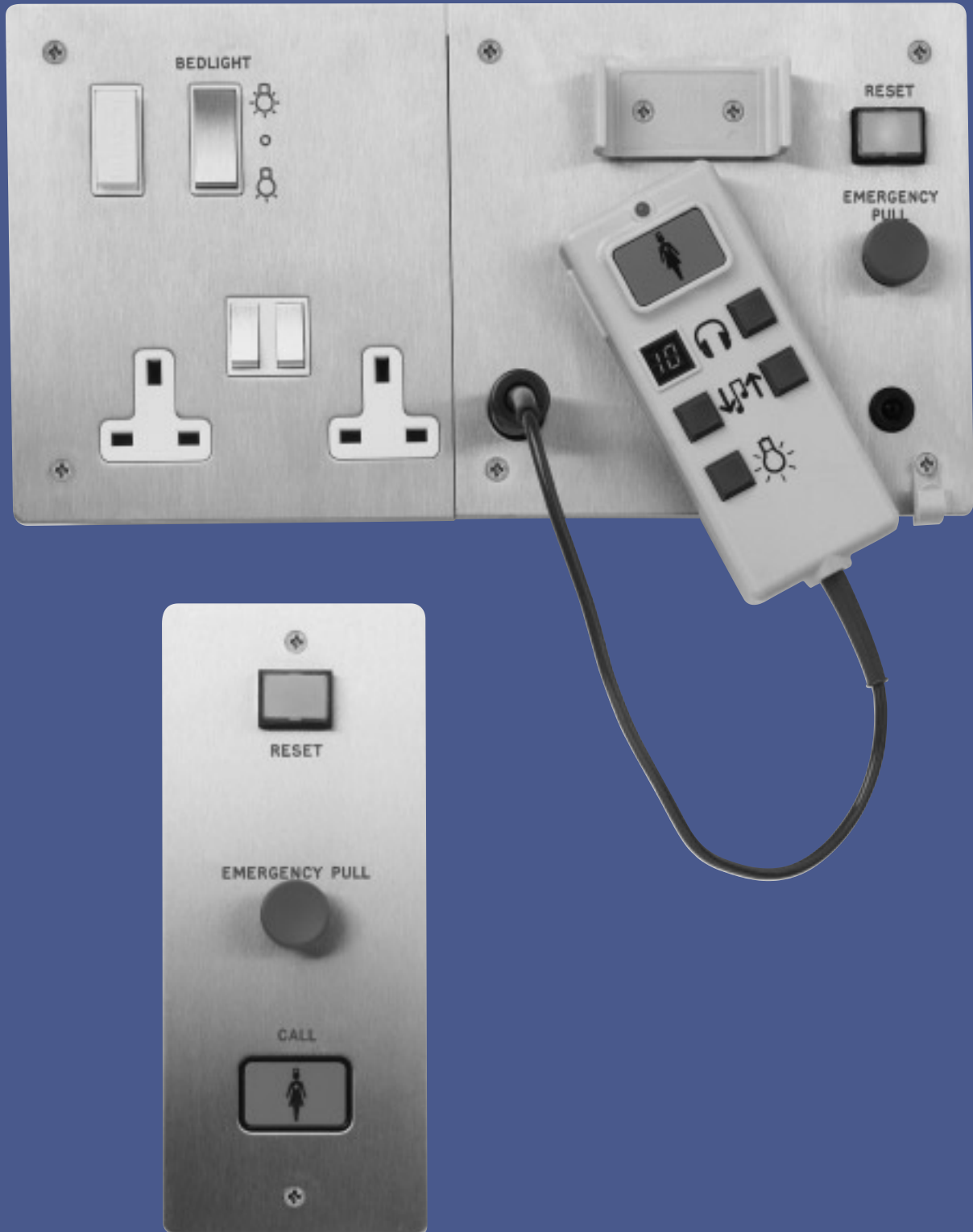


QD300 HOSPITAL CALL SYSTEM



Introduction

Our nurse call systems are designed to meet Health Technical Memorandum HTM2015 and NHS Model Engineering Specification C49.

This catalogue details our Quick Delivery (QD) call system, Trunking (QDT) and Medical Services Column (MSC). Systems for use in Health Centres and for disabled persons facilities are also detailed. All these products are well established for their simplicity of operation, their reliability and ease of maintenance. Hospital Authorities may install or upgrade their wards with the minimum disturbance.

The latest technology has enabled our engineers to design a very compact Digital Sound System (DSS) for the reception and distribution of radio, TV or in-house programmes. Main components are in modular form and can be built into a system to suit individual requirements.

Call systems normally involve the following basic facilities:

Patient call

At the bedhead - bedhead units; call units; handsets.
Ceiling pull units.

Patient call systems have a continuous visual signal and an audible signal of 1 second on and 9 seconds off.

Nurse reset

At the bedhead or independent positions - call - push/reset.

Nurse emergency

At the bedhead or independent positions - emergency pull switch.

Nurse emergency call systems have a visual and audible signal of $\frac{1}{2}$ second on and $\frac{1}{2}$ second off. When the emergency system is in operation normal calls are stored. After cancellation of the emergency, normal calls are reinstated.

Visual indicator

Overdoor lamp indicator for individual or zone identification.

Audible indicators

Independently sited or with visual indicators or station indicators.

Station indicators

Central indication of the location of calls.

Power units

Supply of 24V dc for the operation of these systems.



All products that are within the scope of the EMC or LV Directives have the CE Mark to show they comply with the required standards.



Certificate number FM 10069

All switches, switched sockets and fused connectors are manufactured by Wandsworth Electrical Limited.

Contents

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HOSPITAL CALL SYSTEMS

QD392 Bedhead Unit

For use with Digital Sound System (DSS).

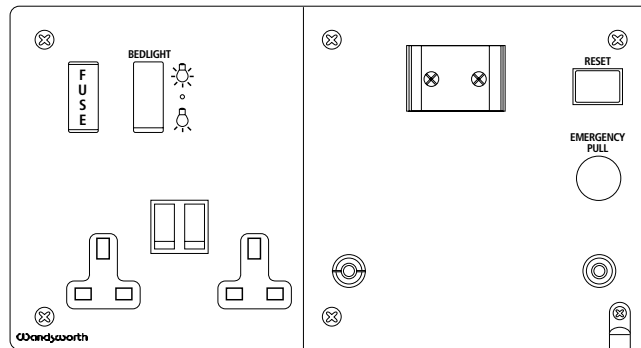
Separate compartments for LV (230Vac) and PELV (24Vdc).
Front cover plates, overall size: 324mmW x 174mmH.

Left hand panel containing:

Two way and off rocker switch.
2.2uF capacitor for dimming a 60watt bedhead light.
Relay to control 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.
Four pole BT type 84A jack socket for QD168, QD171 and QD393 handsets.
Stethophone driver unit, 220ohm impedance.
Headset parking bracket.
Handset parking bracket.
PCB for nurse call and DSS, interface connecting PCB with terminal blocks for contractors wiring, connectors for front panel, fuse for +24Vdc and

provision for QD394 data termination module.
The QD392 bedhead unit is capable of decoding 10 programmes with provision by a simple modification to expand to 16.
An option is available to special order for this bedhead unit to be fitted with an isolating device to aid maintenance.
Box flush: 8381
Box surface: 8382

QD361 Bedhead Unit.

For use with conventional line analogue audio systems distributed on star quad type cable.

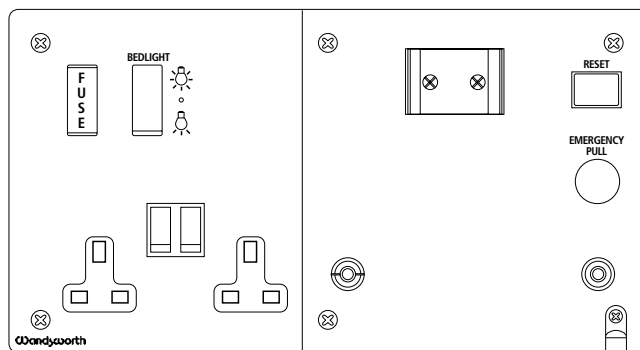
Separate compartments for LV (240Vac) and PELV (24Vdc).
Front cover plates, overall size: 324mmW x 174mmH.

Left hand panel containing:

Exactly as QD392 specification.

Right hand panel containing:

Generally as QD392 specification, but PCB for nurse call and 6 programme analogue audio system interface.



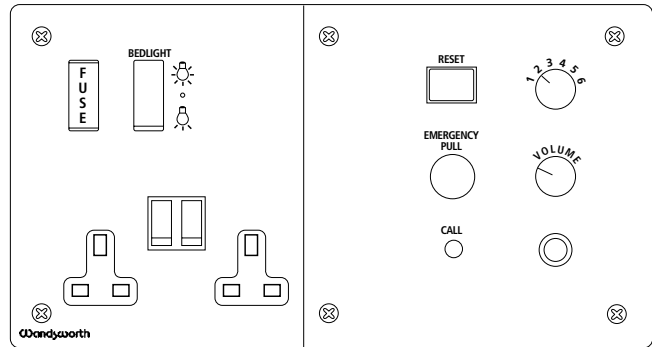
An option is available to special order for this bedhead unit to be fitted with an isolating device to aid maintenance.
Box flush: 8381
Box surface: 8382

Dual Control Bedhead Unit.
Versions of the QD392 and QD361 are available to special order with dual control facilities duplicating the handset control features. They have an increased plate and box size.

QD305 Bedhead Unit.

For use with handset QD170 only and conventional 100V line analogue audio systems distributed on star quad type cable.

Separate compartments for LV (230Vac) and PELV (24Vdc).
Front cover plates, overall size: 324mmW x 174mmH.



Left hand panel containing:
Exactly as QD392 specification.

Right hand panel containing:
Illuminated reset push with amber lens.
Red emergency pull-push switch.
1/4" two pole jack socket for

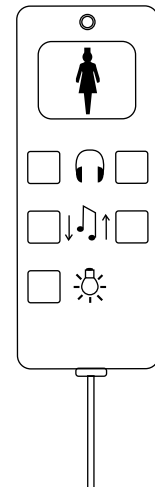
call unit connection. (a call condition is set up if the QD170 call unit is removed from the socket).
Audio facilities: 6 programme rotary selector switch, 25k ohm volume control and 2k ohm

impedance stethophone driver unit for patients headset.
Solid state PCB with components wired to plug-in terminal blocks.
Box flush: 8389
Box surface: 8390

QD393 Handset

A continuously monitored patient/nurse call, lightweight handset providing patient to nurse call facility, reassurance light and controls for bedlight and audio selection which meets NHS guidelines, containing:
A large orange momentary push-button, permanently illuminated to aid location at night, initiates patient to nurse call.
Red LED reassurance light.
Four green momentary pushbuttons with adjacent

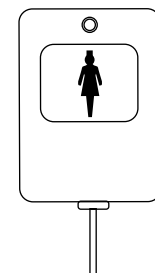
symbols to control:
● Programme selection for up to 16 channels and off (DSS units only).
● Volume increase/decrease buttons.
● Bedlight control button.
Functions may be used simultaneously.
Unit supplied complete with a protective cover, linen clip and 2 metres of brown PVC four core cable fitted with a brown BT type 420 four pole jack plug.
Use with QD361, QD392, QDT482 and QDT492 bedhead units.



QD168 Call Unit with Reassurance

A continually monitored patient/nurse reassurance call unit containing:
A large orange momentary push-button, permanently illuminated to aid location at night,

initiates patient to nurse call.
Red LED reassurance light.
Anti slip pad on rear.
Two metres of brown PVC four core cable fitted with a brown BT type 420 four pole jack plug.
Use with QD361, QD392, QDT482 and QDT492 bedhead units.

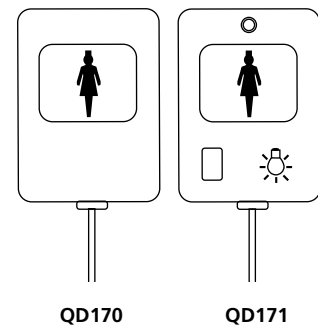


QD170 Call Unit

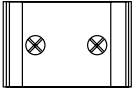
Simple call only unit containing:
A large orange momentary pushbutton (patient to nurse call facility), non-illuminated.
Anti slip pad on rear.
Two metres of brown PVC four core cable fitted with a two pole right angled 1/4" jack plug.
Use with QD305, QD320, QD329, QD330 and QDT452 bedhead and call reset units.

QD171 Call Unit with Reassurance and Bedlight Switch

As QD168 but with the additional facility of an integral bedlight switch.
Use with QD361, QD392, QDT482 and QDT492 bedhead units.

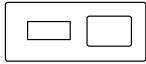


QD163 Handset Parking Bracket



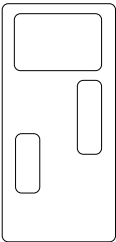
Mushroom coloured plastic bracket, size 30mmH x 65mmW x 20mmD. Supplied with screws for use at additional locations.

QD518 Handset Linen Clip



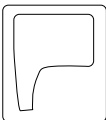
Creamy white plastic clip for attaching handset cable to bed linen.

QD396 Handset Protective Cover



A clear PVC sleeve to protect handset QD393 from accidental spillage and other contamination.

QD397 Call Unit Protective Cover



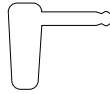
A clear PVC sleeve to protect call units QD168, QD170 and QD171 from accidental spillage and other contamination.

QD167 Shorting Plug



A BT type 420 four pole jack plug wired to act as a shorting plug if the handset is removed. Use with QD361, QD392, QDT482 and QDT492 bedhead units.

QD316 Shorting Plug



A 1/4" two pole jack plug used to stop a call being registered if the QD170 call unit is removed from the socket.

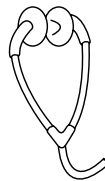
Use with QD305, QD320, QD329, QD330 and QDT452 bedhead and call reset units.

QD165 Headset Parking Hook



Mushroom coloured plastic hook for stowing stethophone headset at locations other than on bedhead units.

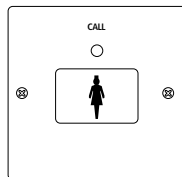
QD107 Stethophone Headset



For radio/TV sound, with foam ear pieces for patient comfort. Stethophone headset tubes and body can be steam sterilized. Replacement foam ear pieces are available in packs of 10, Part no. XR444.

Use with QD305, QD361, QD392, QDT460, QDT482 and QDT492 bedhead units.

QD321 Call Unit

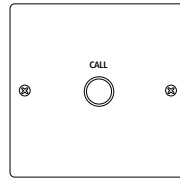


Large orange call button marked with a nurse symbol. Red LED reassurance light above button.

Plate size: 86mm x 86mm. Use with QD305, QD361, QD392, QDT460, QDT482 and QDT492 bedhead units.

Box flush: 1702
Box surface: 1132

QD320 Jack Socket Call Unit



1/4" two pole jack socket wired to terminal block.

Used with QD170 call unit only. A call condition is set up if the QD170 call unit is withdrawn from the socket.

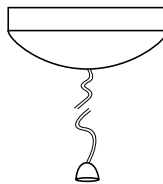
Plate size: 86mm x 86mm.

Box flush: 8301

Box surface: 8386

NOTE: a remote reset unit will be required for use in conjunction with the QD320 and QD321 units, see catalogue number QD324

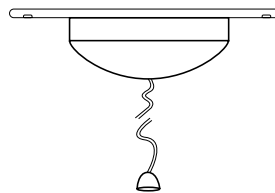
QD322 Ceiling Pull



White surface mounting ceiling pull. Integral reassurance light with amber lens, orange pull cord and acorn.

Box: BS 31 with 50.8mm centres.

QD323 Ceiling Pull



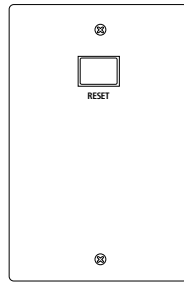
White surface mounting ceiling pull. Integral reassurance light with amber lens, orange pull cord and acorn, mounted on a stainless steel plate 103mm square. PCB with components wired to terminal block.

For use where more than one ceiling pull is controlled by one reset, if independent reassurance is required.

Box flush: not available.

Box surface: 1740

QD324 Reset unit

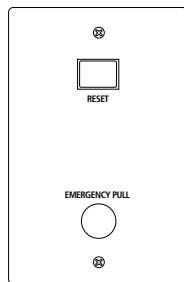


Reset push with integral reassurance light 1.1watt with amber lens.
PCB with components wired to terminal block.
Used in conjunction with call unit or ceiling pull for standard patient to nurse calls.
Plate size: 86mmW x 146mmH.
Box flush: 1703
Box surface: 1133

QD360 Patient Emergency Reset Unit

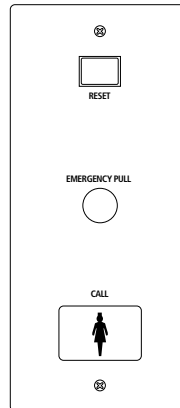
As QD324 (pictured above) but for resetting emergency calls from WC/bathroom areas.
Used in conjunction with call unit or ceiling pull for emergency patient to nurse calls.
Plate size: 86mmW x 146mmH.
Box flush: 1703
Box surface: 1133

QD326 Reset/Emergency Unit



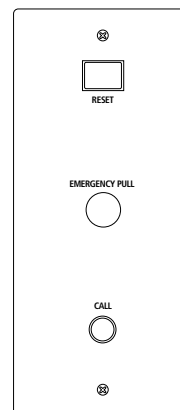
Reset push with integral reassurance light 1.1watt with amber lens.
Emergency pull-push switch coloured red.
PCB with components wired to terminal block.
Used in conjunction with call unit or ceiling pull for standard patient to nurse calls and where an emergency facility is also required.
Plate size: 86mmW x 146mmH.
Box flush: 1703
Box surface: 1133

QD327 Call/Reset/Emergency Unit



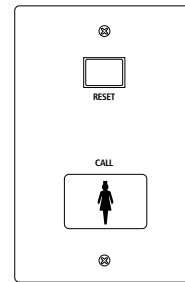
Large orange call button marked with a nurse symbol.
Reset push with integral reassurance light 1.1watt with amber lens.
Emergency pull-push switch coloured red.
Plate size: 86mmW x 206mmH.
Box flush: 8330
Box surface: 8373

QD330 Jack Socket Call/Reset/Emergency Call Unit



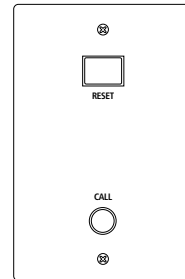
1/4" two pole jack socket.
Reset push with integral reassurance light 1.1watt with amber lens.
Emergency pull-push switch coloured red.
Used with QD170 call unit only. A call condition is set up if the QD170 call unit is withdrawn from the socket.
Plate size: 86mmW x 206mmH.
Box flush: 8330
Box surface: 8373

QD325 Call/Reset Unit



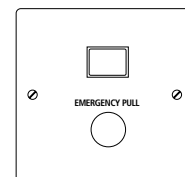
Large orange call button marked with a nurse symbol.
Reset push with integral reassurance light 1.1watt with amber lens.
PCB with components wired to terminal block.
Plate size: 86mmW x 146mmH.
Box flush: 8396
Box surface: 8397

QD329 Jack Socket Call/Reset Unit



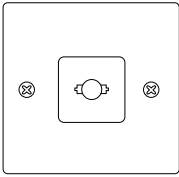
1/4" two pole jack socket.
PCB with components wired to terminal block.
Reset push with integral reassurance light 1.1watt with amber lens.
Used with QD170 call unit only. A call condition is set up if the QD170 call unit is withdrawn from the socket.
Plate size: 86mmW x 146mmH.
Box flush: 1703
Box surface: 1133

QD328 Emergency Unit



Emergency pull-push switch coloured red.
Reassurance light 1.1watt with amber lens.
Components wired to terminal block.
Plate size: 86mm x 86mm.
Box flush: 8398
Box surface: 8399

QD331 Single Overdoor Lamp



One 2.8watt MES lamp.
Component wired to terminal block.

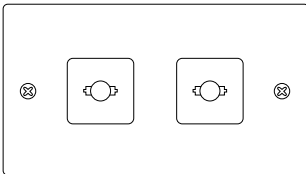
QD337 lens to be ordered separately.

Plate size: 86mm x 86mm.

Box flush: 1702

Box surface: 1132

QD335 Twin Overdoor Lamp



Two 2.8watt MES lamps.
Components wired to terminal block.

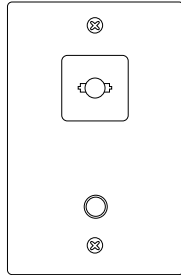
QD337 lenses to be ordered separately.

Plate size: 146mmW x 86mmH

Box flush: 1703

Box surface: 1133

QD332 Overdoor Lamp/Tone Generator



One 2.8watt MES lamp.

Components wired to terminal block.

Mini bleep-tone generator.

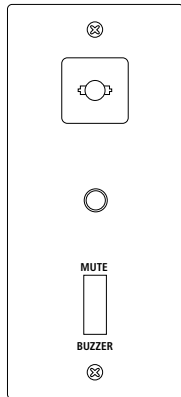
QD337 lens to be ordered separately.

Plate size: 86mmW x 146mmH.

Box flush: 8302

Box surface: 8387

QD334 Overdoor Lamp and Tone Generator/ Muting Switch



One 2.8watt MES lamp.

Mini bleep-tone generator.

Rocker switch for muting bleep-tone.

Components wired to terminal block.

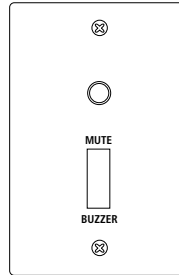
QD337 lens to be ordered separately.

Plate size: 86mmW x 206mmH.

Box flush: 8330

Box surface: 8373

QD133 Tone Generator/ Muting Switch



Mini bleep-tone generator.

Rocker switch for muting bleep-tone.

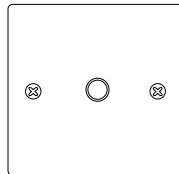
Components wired to terminal block.

Plate size: 86mmW x 146mmH.

Box flush: 8302

Box surface: 8387

QD136 Tone Generator



Mini bleep-tone generator.

Components wired to terminal block.

Plate size: 86mm x 86mm.

Box flush: 8301

Box surface: 8386

QD337 Overdoor Lamp Lenses



A - Amber

R - Red

GR - Green

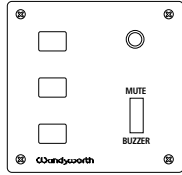
BL - Blue

CL - Clear

Size: 36mm square.

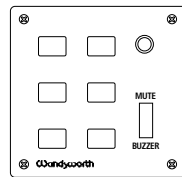
Nurse Station Indicator Panels for the Staff Base

QD340 Three Section Nurse Station Indicator



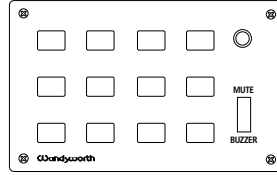
3 x 1.1watt indicator lamps with amber lenses 22mm x 16mm. Mini bleep-tone generator and rocker switch for muting bleep-tone. Components wired to terminal block. Plate size: 172mm square. **Box flush: 8306**
Box surface: 8374

QD341 Six Section Nurse Station Indicator



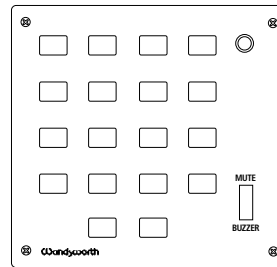
Generally as QD340, but containing 6 indicator lights. Plate size: 172mm square. **Box flush: 8306**
Box surface: 8374

QD342 Twelve Section Nurse Station Indicator



Generally as QD340, but containing 12 indicator lights. Plate size: 248mmW x 172mmH. **Box flush: 8353**
Box surface: 8354

QD343 Eighteen Section Nurse Station Indicator



Generally as QD340, but containing 18 indicator lights. Plate size: 248mm square. **Box flush: 8355**
Box surface: 8356

QD318 Lens Extractor



Special tool for the removal of the lenses of reset/push switch with reassurance light (1.1watt) and nurse station indicator lamp (1.1watt).

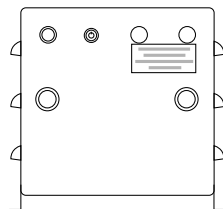
QD319 Lamp Extractor



Special tool for the removal of the 1.1watt lamp bulb of reset/push switch with reassurance light and nurse station indicator lamps.

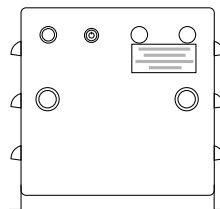
Power Units

QD150 Power Unit



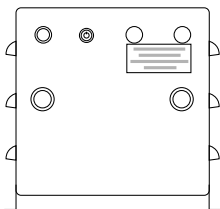
Sheet steel stove enamel grey case 320mmL x 190mmW x 170mmH containing: 250VA transformer, full wave bridge rectifier and smoothing circuit for solid state use. Suitable for an input of 220 - 250V ac and giving a maximum output of 250VA at 24Vdc

QD151 Power Unit



Generally as QD150, but fitted with a 100VA transformer, giving a maximum output of 100VA at 24Vdc. Dimensions as QD150. *QD150 and QD151 are supplied with a timer for providing audible and visual signals of 1 second on and 9 seconds off for patient calls and 1/2 second on and 1/2 second off for nurse emergency calls.*

QD152 Power Unit



Generally as QD150, but fitted with a 50VA transformer, giving a maximum output of 50VA at 24Vdc. Case size: 220mmL x 190mmW x 170mmH. This unit does not have a timer.

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.

QD380 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).

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 1605KHz 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 1605 KHz, one for the AM '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.

QD386 Blank Front Panel.

Required to fill the space left by an unused module.

QD387 Auxiliary/Auxiliary Module.

Contains two auxiliary inputs for use with external audio source such as tape recorders. Both inputs have level controls.

Ordering

Please order your requirements for the QD380 chassis unit together with the appropriate modules QD381 to QD387. The Digital Sound Master Unit will be assembled, tested and supplied to you as a complete unit which will be given a unique reference number consisting of an ESR prefix followed by a 5 digit code.

QD380 Master Chassis.

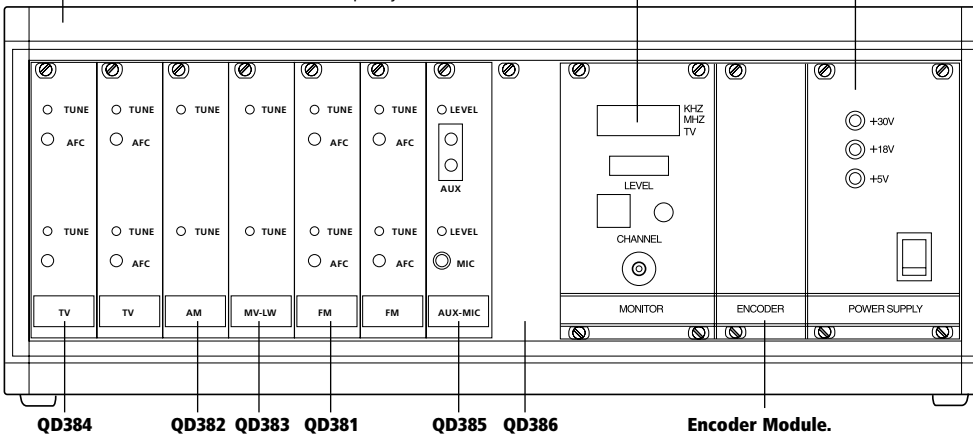
Modular concept unit 450mmW x 182mmH x 400mmD housing the power supply, encoder and monitor modules. Receiver modules are ordered as required. The unit is finished in light and dark grey with the module fronts of anodised aluminium.

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 drivers, this unit can encode the audio from up to eight receiver modules (sixteen programmes).

Using the Wandsworth Digital Sound System gives numerous advantages over conventional equipment.

Saving Space.

The master chassis is 450mmW x 182mmH x 400mmD allowing up to sixteen channels. A conventional rack would only provide two channels from a similar size unit.

Data Cable.

A four core low cost and lightweight cable reduces the installation time and complexity. Connections are simplified.

High Efficiency.

Digital signals eliminate the high power amplifiers and line losses associated with conventional sound distribution systems.

Improved Sound Quality.

Digital signals result in significant reductions of crosstalk and interference.

System Expansion.

The system is modular and flexible allowing easy expansion or modification after initial installation. All module receiver types are interchangeable.

Reduced Maintenance.

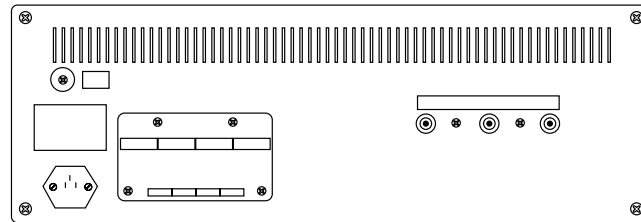
Isolation techniques ensure that faults are localised and do not effect the rest of the system.

TV Sound.

Allows the use of standard TV sets thus eliminating the need for TV isolating transformers and their wiring to the bedhead units. The sound from all TV stations can be distributed allowing freedom of listening choice by the patient.

Location.

The unit may be located on a shelf or desk in normal ambient conditions.



Mains Input.

A 3.5m mains input cable with IEC connector is supplied. Mains supply voltage is 230V ac, 50Hz.

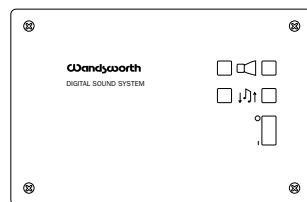
Output Terminals.

These are p.c.b. mounted and are in four sets in a box on the rear panel, clearly marked. This enables up to four independent wiring runs from the master unit to be made. Wiring is via four grommets holes with strain relief.

Aerial Input.

Contains three BNC sockets for inputs of TV, FM and AM (radio). Signals are amplified and buffered from the receiver modules.

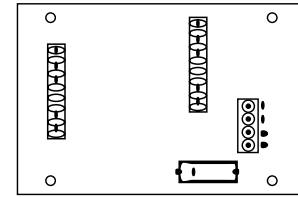
QD391 Loudspeaker Control Unit.



For use with remote loudspeaker (not supplied) in areas such as day rooms. Front cover plate of an overall size 248 x 172mm. Finish satin stainless steel. Contains on/off switch, control pushbuttons and programme display. The QD391 loudspeaker control unit is capable of

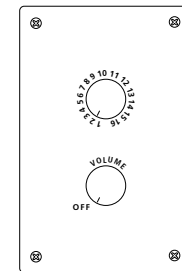
decoding 10 programmes with the provision to expand up to 16. Three green momentary pushbuttons with adjacent symbols control the following: Programme select. Volume increase and decrease buttons. Amplifier output 2W rms into 8 ohm loudspeaker. Includes DSS decoder, amplifier and connecting PCB's with terminal blocks for contractor's wiring, connector for front panel, fuse for +24V dc supply and provision for QD394 data termination module. Powered by +24V dc, usually from the adjacent nurse call system. **Box flush: 8392.** **Box surface: 8393.**

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.**

QD379 Loudspeaker Control Unit (low power)



For use with remote loudspeaker (not supplied) in smaller rooms up to volumes of 45 metres³ Front cover plate overall size 120mm x 172mm. Finish satin stainless steel. Contains rotary volume control with off position. Sixteen programme rotary selector switch. Amplifier output 0.5W rms into 8 ohm loudspeaker. Includes DSS decoder, amplifier, plug-in terminal blocks for contractor's wiring and provision for QD394 data termination module. Powered by +24V dc, usually from the adjacent nurse call system. **Box flush: 8360.** **Box surface: 8361.**

DSS DISTRIBUTION

System Wiring

The system is wired in a four core screened data cable to British Telecom specification CW1370 such as BICC T6904, NEK36770. The cable has a conductor size of 0.4mm diameter and an overall diameter of 4.5mm. The main wiring run from the QD380 master chassis is looped through QD390 isolator units at the start of each ward area and is terminated with a QD394 data termination module at the last QD390 isolator unit on the run.

A secondary wiring run from a QD390 isolator unit is looped through the QD392 or QDT492 bedhead units and is terminated with a QD394 data termination module fitted to the last QD392 or QDT492 bedhead unit on the run. Main and secondary wiring runs in excess of 300 metres are achieved by the use of QD395 repeater units (every 300m) wired in series with the data cable.

Aerials

An aerial for each type of receiver module is required. The exact type of aerial depends on the individual site conditions. Typically an aerial system may consist of TV, FM and AM aerials with a diplexer combining the FM and AM signals at the mast, a splitter to separate them before the master unit, aerial mast, brackets and associated cabling. Quotations for aerial supply and installation can be obtained on request.

QD390 Isolator Unit

Used to isolate a ward area from the main wiring run so that a bedhead or wiring fault in that ward does not affect the remainder of the system. The digital signals are regenerated to allow a 300m secondary run. QD390 features an inhibit input to silence all programmes from one remote switch (eg. at the nurse station). It has provision for fitting a

QD394 data termination module as shown on the wiring diagram. Powered by +24V dc usually from the adjacent nurse call system.
Box surface: 8391

QD394 Data Termination Module

Required to ensure correct matching and transmission of the digital signals, the QD394 is a plug-in 16 pin DIL package. It must be fitted at the last QD392 bedhead unit or QD391 loudspeaker control unit in each ward area wiring run and on the last QD390 isolator unit on the main wiring run.

QD395 Repeater Unit

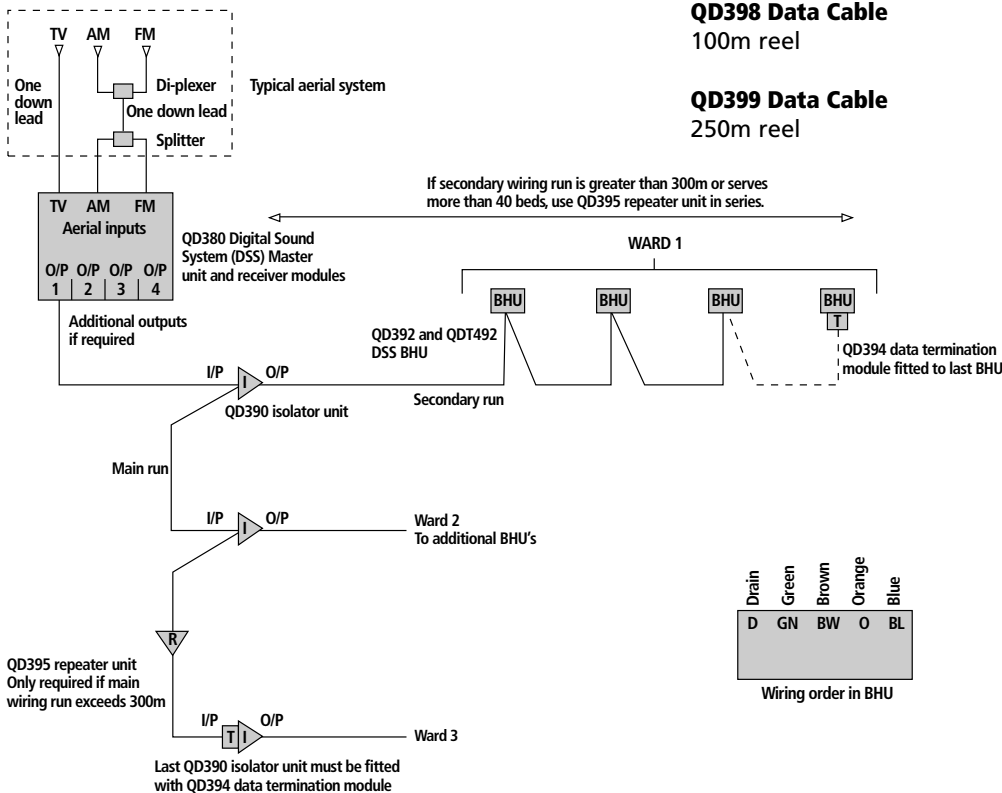
Required for all wiring runs in excess of 300m. The repeater unit regenerates the digital signals to allow a further 300m wiring run. It requires a +24V dc supply.
Box surface: 8391

QD398 Data Cable

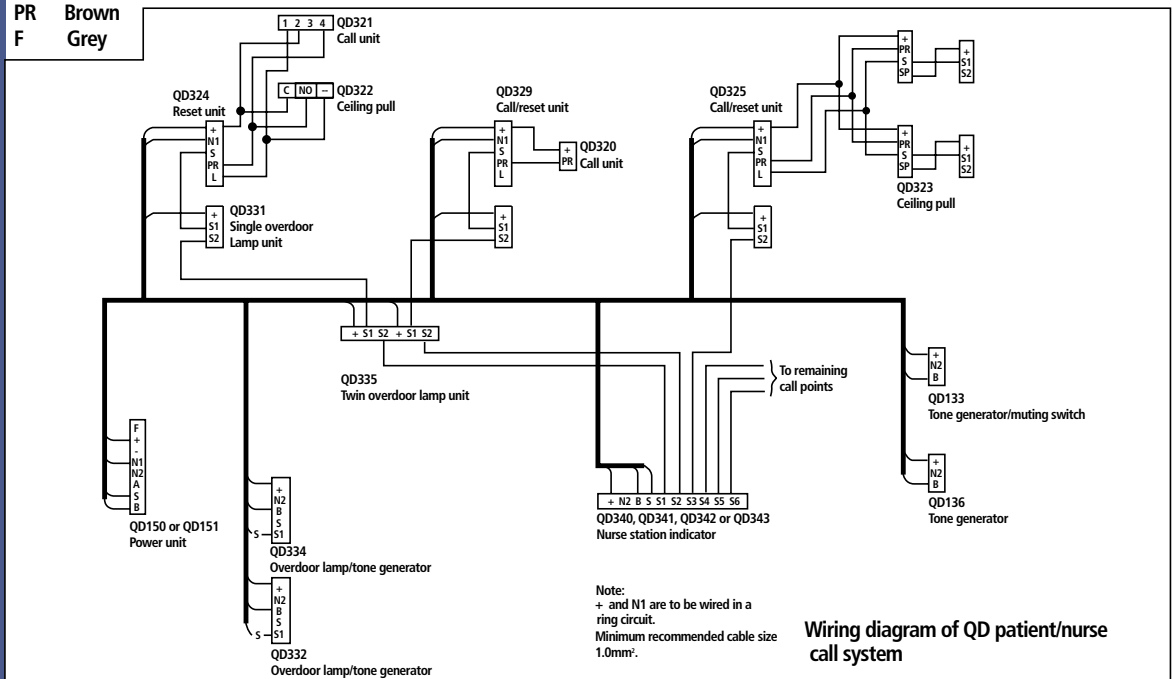
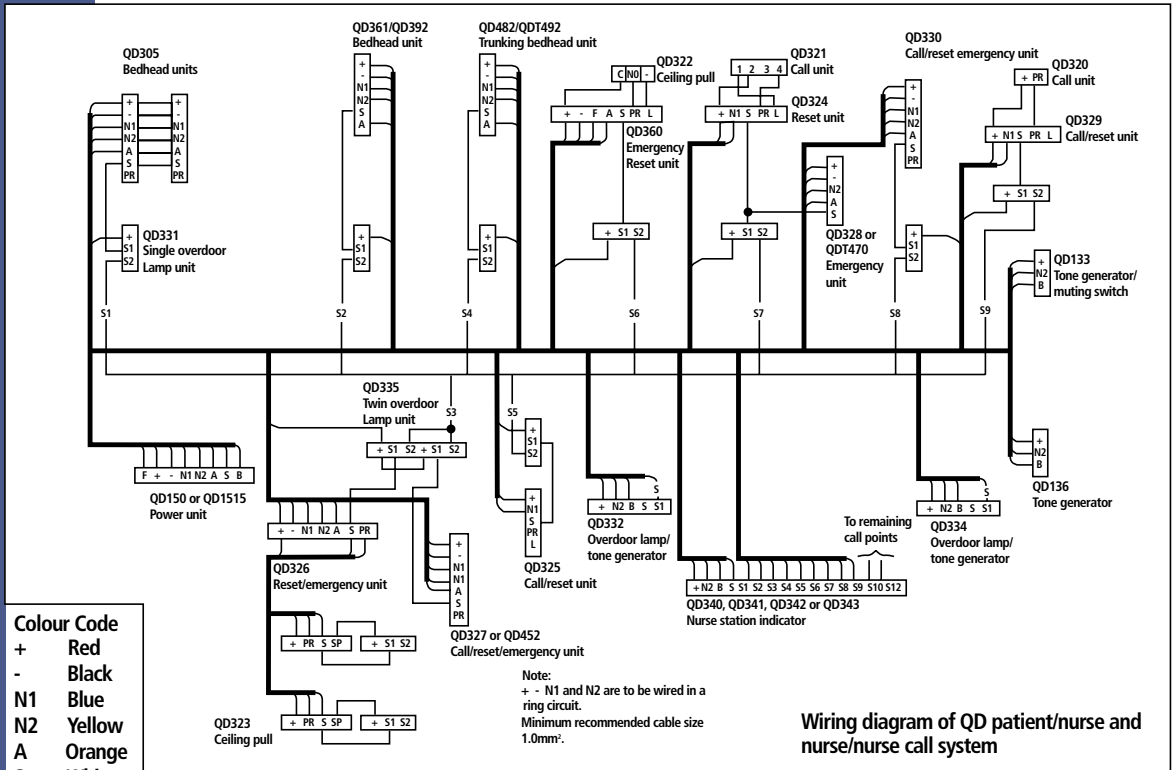
100m reel

QD399 Data Cable

250m reel



WIRING AND INSTALLATION



Power supplies

For the correct operation of Wandsworth's call systems it is essential that the voltage at any point of the circuit does not fall below 18 volts on load. The wattage of the lamps are given in the data and should be taken into account

together with the length of cable run when calculating the voltage drop of the system.

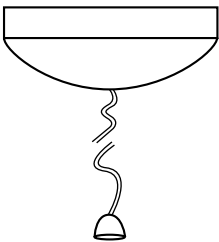
Planning

Specific wiring diagrams can be prepared if full details are provided with an order.

DISABLED PERSONS SYSTEMS

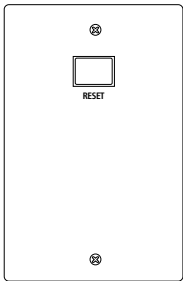
Our disabled persons call system is for use in toilets, bathrooms and similar areas. A ceiling pull switch or call push switch summons assistance and local reassurance lights show the call has been made. Continuous visual and audible indicators are available. Calls are reset by push switch. The system is supplied from a 24V dc power unit.

QD322 Ceiling Pull



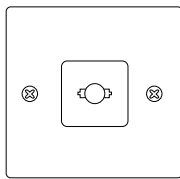
White surface mounted ceiling pull.
Integral reassurance light 2.5 watt with amber lens.
Unit fits BS31 box with 50.8mm centres.

QD324 Reset Unit



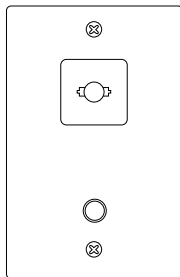
Used in conjunction with call unit or ceiling pull.
Front cover plate 86mmW x 146mmH containing:
Reset push with integral reassurance light 1.1 watt with amber lens.
PCB with components wired to terminal block.
Box flush: 1703
Box surface: 1133

QD331 Single Overdoor Lamp Unit



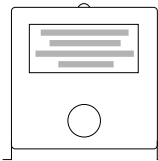
Front cover plate 86mm square containing:
One 2.8 watt MES lamp.
(Lenses, QD337, are to be ordered separately)
Component wired to terminal block.
Box flush: 1702.
Box surface: 1132.

QD332 Overdoor Lamp/Tone Generator



Front cover plate 86mmW x 146mmH containing:
One 2.8 watt MES lamp.
(Lenses, QD337, are to be ordered separately).
Mini bleep-tone generator.
Components wired to terminal block.
Box flush: 8302.
Box surface: 8387

QD153 Power Unit



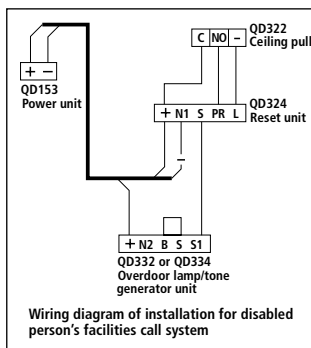
Input 230V 50Hz, an earth connection is required.
Rated Output 1A 24V dc.
Output Fuse 1A quickblow 20mm x 5mm (spare parts no. XR603).
Size 200mm long x 100mm wide x 100mm high.
Weight 1.5kg.

QD337 Overdoor Lamp Lenses



Lamp lenses, 36mm square, are available in amber (A), red (R), green (GR), blue (BL) or clear (CL). Please specify colours and quantities of each required.
When ordering remember to quote:

QD324: Reset Unit
1703: Box flush

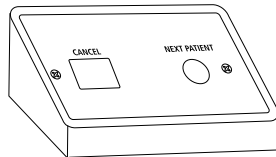


SPECIAL CALL SYSTEMS

Special systems suitable for health centres, surgeries, consulting rooms, interview rooms, executive offices and similar applications. Variations to the typical examples shown below will be considered on request.

System A Consulting room

RPE00459 Desk Mounted Call Unit



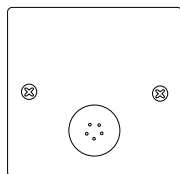
Front cover plate 146mm x 86mm containing:

Call push. Reset push, illuminated with integral 1.1 watt lamp with amber lens solid state PCB.

Components wired to terminal block.

All the above fitted to a sloping box and supplied with 2m of multi-core cable and a 6 pin plug.

RPE63548 Wall Unit



Front cover plate 86mm square containing:

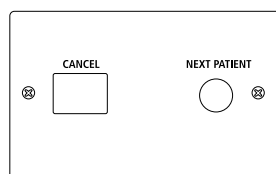
6 pin socket for use in conjunction with desk call unit RPE00459.

Component wired to terminal block.

Box flush: 8314

Box surface: 8384

ESR13691 Wall Mounted Call Unit



Front cover plate 146mmW x 86mmH containing:

Call push, Reset push illuminated with integral 1.1 watt lamp with amber lens solid state pcb.

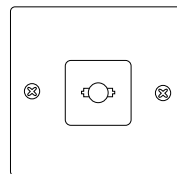
Component wired to terminal block.

Box flush: 1703

Note: this unit is a wall mounting version of the RPE00459 and therefore takes the place of both of the above units RPE00459 and RPE63548.

Outside Consulting room

QD331 Single Overdoor Lamp Unit

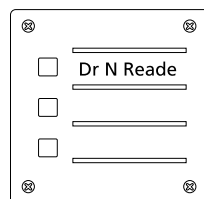


Front cover plate 86mm square containing: One 2.8 watt MES lamp. (Lenses, QD337, are to be ordered separately). Component wired to terminal block.

Box flush: 1702

Box surface: 1132

RPE00449/X Indicator Panel

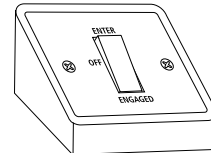


Front cover plate containing: Tone generator for audible warning.

X 2.8 watt MES indicator lamps with amber lenses 36mm square. Provision adjacent to each light for a name card. Unit is complete with box. X indicates number of indicator lights required.

System B Consulting room

RPE63550 Desk Mounted Call Unit



Front cover plate 86mm square containing: Two way and off rocker switch. The above fitted to a sloping box and supplied with 2m of multi-core cable and a 6 pin plug.

RPE63548 Wall Unit

Front cover plate 86mm square containing: 6 pin socket for use in conjunction with desk call unit RPE63550.

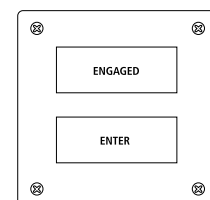
Component wired to terminal block.

Box flush: 8314

Box surface: 8384

Outside consulting room door

RPE76898 Engaged/Enter Sign



Front cover plate containing: ENGAGED (red) and ENTER (green) signs each illuminated with three 2watt MES Lamps.

Components wired to terminal block.

Box flush: 8394

Box surface: 8395

A QD152 power unit is required with the above systems. This gives continuous audible and visual signals.

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OTHER PRODUCTS

Accessories

- Security call systems
- Medical examination lamps
- X-ray viewing screens
- Heated Lotion cupboard
- Medicines cupboard
- Hand and Face Dryers
- Water Bunnie Macerators
- Bunnie Incinerators
- Bunnie Waterguard
- Bunnie Combi



Wandsworth

The Company policy is one of continuous improvement and the right to change designs, dimensions descriptive matter etc, at any time without notice is reserved.

Many Wandsworth patterns and designs are protected by Patents and Wandsworth is a registered Trade Mark. Full details will be supplied on genuine enquiry and no infringement will be permitted.

Other Wandsworth products for which leaflets are available on request are illustrated above.

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