

DISABLED PERSONS CALL SYSTEM PRODUCT INFORMATION



The Wandsworth Disabled Person's Call System, for use in toilets and bathrooms fully complies with the guidelines outlined in BS8300:2009 + A1:2010 It quickly enables location of any person who is in difficulty.

The system comprises of the following components and is also available as a complete 'boxed' kit for ease of specification and ordering. (QD350 – see over). Plates are finished in stainless steel as standard. Multiple Toilet call points can be connected to a panel located in a centrally staffed area.

Within Toilet Cubicle

**QD322/
QD351**

Ceiling Pull

A white surface mounted ceiling pull unit, with a 3 mtr. amber cord. The unit contains an integral reassurance light 2.5 watt with amber lens. Unit is supplied with 2 amber ring pull units (QD351) or 1 amber acorn pull unit (QD322). Unit fits BS31 box with 50.38mm centres.

*note QD351 supplied in QD350 for BS compliance.



QD321

Call Unit

An extra/alternative unit to the QD322/QD351, the unit consists of a front cover plate measuring 86mm square and containing a Large orange call button marked with a nurse call symbol. There is a red LED reassurance light above the button.

Box flush: 1702/G - Box surface: 1132/W



QD324

Reset Unit

Used in conjunction with call unit (QD321) or ceiling pull (QD322/QD351). Front plate 146mm x 86mm containing: Reset push with integral reassurance light 1.1 watt with amber lens. PCB components wired to terminal block.

Box flush: 1703/G - Box surface: 1133/W

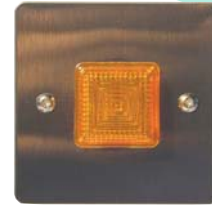


Outside Toilet Facility

QD331

Single Overdoor Lamp

Usually mounted above the toilet door, this unit comprises a front cover plate 86mm square containing: One 2.8watt MES lamp. (Lenses QD337, are to be ordered separately; see below for details). Component wired to terminal block.
Box flush: 1702/G - Box surface: 1132/W



QD332

Overdoor Lamp/Tone Generator

Supplied as part of the QD350 complete system, the front cover plate measures 146mm x 86mm and contains: One 2.8watt MES lamp. (Lenses QD337, are to be ordered separately; see below for details). One mini bleep-tone generator. Component wired to terminal block.
Box flush: 8302/G - Box surface: 8387/W



QD337

Overdoor Lamp Lens

Lamp lenses, 36mm square, are available in amber (A), red (R), green (G), blue (BL), or clear (CL). Please specify colours and quantities of each required.

QD153

Power Unit

Input 230V 50 Hz, an earth connection is required. Rated output 1A 24Vdc. Output fuse 1A quickblow 20mm x 5mm.
Size: 200mm L x 100mm W x 100mm H
Weight: 1.5 KG.

QD350

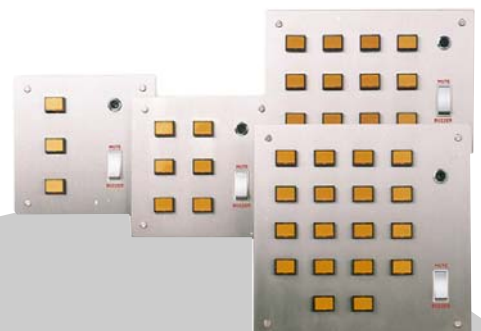
Complete System

The QD350 complete system (Flush Mounting) comprises the following components:

- 1 x QD351 Ceiling Pull
- 1 x QD324 Reset Unit+ Flush box 1703/G
- 1 x QD332 Overdoor lamp/tone generator+ Flush box 8302/G
- 1 x QD337/A lens
- 1 x QD153 Power supply unit

Remote indicator panels for multiple disabled person's call systems

These panels would normally be located in a centrally staffed area (e.g. reception or security office) of the building and all toilet/bathroom calls would be routed back for indication of alarm calls. *For further information on multiple systems, please contact the Wandsworth technical services department.*

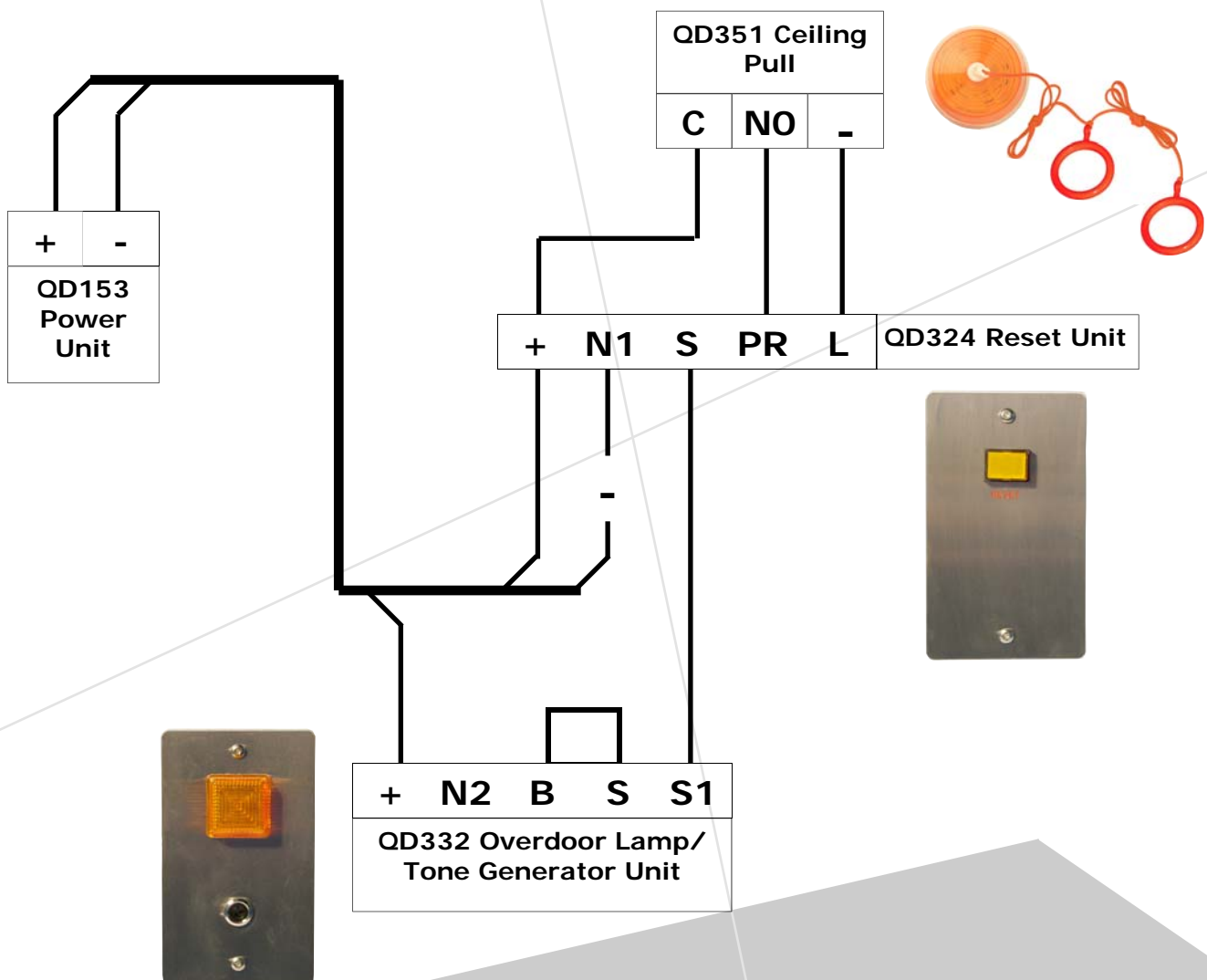


Recommended List Of Spares

In order to maintain your system in full operational order, it is recommended that the following spares items are ordered:

- 1 - XR300 1.1 Watt Bulb (Reset Unit)
- 1 - XR460 24 Volt 2.8 Watt MES Bulb (Overdoor Lamp Unit)
- 1 - XR454 Bleeptone Buzzer (Lamp Buzzer Unit)
- 1 - X75723 PCB (Reset Unit)
- 1 - XR297 Push Lamp (Reset Unit)
- 1 - Lens Only XR299/A Push Lamp (Reset Unit)
- 1 - XR595 24 Volt 2.5 Watt MES Bulb (Ceiling Pull Unit)
- 1 - XR437 2A Fuse
- 1 - XR385 500 mA Anti Surge Fuse

Typical Installation Wiring Diagram for Disabled Persons Call System



Operation of the System

The person requiring assistance will make a call by pulling the cord on the ceiling mounted unit. This will illuminate the following lights until reset:

- 1) A reassurance light on the call unit. This tells the person that the call has been registered.
- 2) A reset lamp on the reset unit associated with that call.
- 3) The overdoor lamp/buzzer associated with that call.

Audible visual notice of a call being made will be given at the overdoor lamp buzzer unit and will sound continuously until reset.

Listed below are a number of faults which may be experienced and the possible causes:

- 1) No signal lamps or buzzers from any call
 - a) Fuses in power unit blown
 - b) Fault in power unit (check for 24 volts DC output when on load)
- 2) No signal lamps or buzzer from lamp/buzzer unit
 - a) Printed circuit board in reset unit faulty
 - b) Reset push button faulty
 - c) Bulbs blown
 - d) Disconnection on internal wiring
 - e) Appropriate 'S' line between reset unit and lamp buzzer unit disconnected or open circuit.
- 3) No signal lamps on ceiling call unit
 - a) Bulbs blown
 - b) Faulty switch



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