Specifically configured to meet the requirements of all emergency refuge communication needs
The Wandsworth Disabled Refuge Intercom system has been specifically configured to meet the requirements of all emergency refuge communication needs. Extremely high speech quality provides perfect voice communications in the loudest of situations.

The very high system flexibility and modular design makes it simple for the designer to incorporate options that are not necessarily demanded by BS standard but are nonetheless required by specifiers and end users. Systems can be configured to meet the requirements and interpretations of individual users ensuring the optimum in system design for each application.

- **Master Stations available in several formats to suit available space and aesthetics**
- **Radial cable structure for maximum possible reliability**
- **Hardware, Software and Cables monitored for faults**
- **Acoustic monitoring of loudspeaker and microphones**
- “Loudspeak” & “Listen” facilities as standard
- **Connections for suitable Induction Loop Amplifiers to satisfy DDA requirements**

**Designed for:**
- Management of initial evacuation
- Fire Services use during evacuation
- Disabled people in refuge locations
- Other non-emergency purposes
- **BS5839 Part 9 Compliant**

**flexible master stations**

**DRMS8/F, 20/F, 32/F & 44/F**

This flush mounting stainless steel Master Station is ideal for handling up to 44 Outstations. It provides individual buttons and multi-colour LEDs for each Outstation giving the user an immediate overview of the entire system at a single glance. Also available as surface mounting (DRMS8/S 20/S 32/S 44/S). Additional Master Stations of any type can be added as required, working as repeaters or for zoned systems.

**DRMS/F**

A stainless steel flush mounting master station ideal for both large and small systems where space is at an absolute premium. An unlimited number of outstations can be connected to this Master Station. The 8-row, 14-character alpha-numeric display provides all the necessary system information. This context-sensitive display provides a full Outstation index and can be scrolled to view and select any current calls and statuses, fault indication etc. The DRMS/S is surface mounting. Additional Master Stations of any type can be added as required.*

* DRMS/F supplied as standard master station for all refuge systems.
**outstation/call point**

**DR02**

This is a 2-wire, digital, high visibility stainless steel, handsfree intercom type unit and is available in both flush (DR02/F) and surface (DR02/S) mounting formats. High quality, full duplex speech is possible in areas with up to 70dB of ambient noise. Both the microphone and loudspeaker are acoustically monitored with a fault being raised at the Master Station. It is possible for the unit to be operational only when activated by the Fire Alarm or authorised personnel. Pressing the call button sets up a call to the Master Station. "Loudspeak" and "Listen" facilities are available as standard. A visual call indicator and tamper alarm are available as options.

For further equipment options within the Disabled Refuge range, please contact our Technical Services Department.

**centrals**

**DRCT & DRRK**

A choice of two modular Central units are available. The DRCT* has a capacity of up to 32 Masters and Outstations in any combination, while the DRRK is used for combinations over 32, or if networked can be unlimited. Each Master and Outstation is cabled to the Central Unit with two wires of FP Plus or similar to comply with BS5839:2002 Pt 1. Considerable software flexibility ensures the precise operation required can be achieved by using standard production equipment. Both the DRCT and DRRK are suitable for 19" rack mounting while the DRCT can also be wall mounted. For larger projects and those with numerous Sub-Master and main Master Stations, the central Units can be networked over IP, copper or fibre optic cables.

**disabled refuge schematic**

System Cable – The Wandsworth Group recommend that a suitably enhanced fire cable, such as FP200, should be employed to ensure compliance with fire regulations and BS5839. Correct cable type should be arrived at through consultation with relevant parties.

* DRCT server units are supplied with 4, 8, 12, 16, 20, 24, 28 or 32 outputs/ports. Each Master Station & Call point will require an output connection i.e. a system requiring 4 call points & 1 Master Station will require a DRCT8 as there are 5 outputs from the server.
other products from wandsworth

- Disabled toilet call systems
- Hygiene products
- IP, digital & wireless nursecall systems
- Tele-Call patient entertainment & bedside computing systems
- Electrical accessories
- Security products