



# EMERGENCY VOICE COMMUNICATIONS OMNICARE REMOTES

## VIGIL *OmniCare*

OmniCare is an addressable emergency voice communication (EVC) system that allows disabled refuge, fire telephones, emergency/steward telephones and disabled toilet alarms to be connected to one master control panel. VIGIL OmniCare has been designed and built to meet BS9999:2008, BS5839-9:2011 and BS8300:2009 (for the disabled toilet alarm). Remote units available include:

- disabled refuge
- fire telephone
- advance disabled refuge
- combined disabled refuge & fire telephone
- emergency/steward telephone
- disabled toilet alarm

### FEATURES:

- Speech steered (disabled refuge remotes) - full duplex speech (fire and emergency/steward telephones).
- Self-powered from ring circuit (except toilet alarm).

#### Disabled refuge remote:

- Green or stainless steel finish.
- Volt free contact, active when occupied. To operate over-door lamps, silence speaker/sounder, etc.
- Call button.
- Option to be permanently 'active' if required.
- Reset from either remote (key switch) or master control panel.
- Surface mountable (optional flush mount bezel available).

#### Advance disabled refuge remote:

- Green finish.
- Induction loop, Braille, tactile and luminiscent text.
- Volt free contact, active when occupied. To operate over-door lamps, silence speaker/sounder, etc.
- Call button.
- Surface or flush mount versions available.
- Option to be permanently 'active' if required.
- Reset via button push or master control panel.

#### Fire telephone:

- Red or stainless steel finish.
- Rugged red handset with hearing aid compatible earpiece and loudspeaker.
- Hands free use.
- Door latch initiates call.

- Push catch or slot lockable door and/or beacon.
- Conference facility (via master control panel).
- Surface mountable (optional flush mount bezel available).

#### Emergency/steward telephone:

- Same features as 'fire telephone' except green finish.

#### Combined disabled refuge/fire telephone:

- Same features as 'disabled refuge' and 'fire telephone'.

#### Disabled toilet alarm:

- Connected to master control panel via 'repeater unit' (product code BVFREPEM).
- Fully compliant to BS8300:2009.

### OTHER PRODUCTS AVAILABLE:

#### IP66 rated DRS enclosure:

- Surface mounting, green IP66 rated enclosure to house standard disabled refuge remote. (Product code BVCRIPBG).
- Termination card is included for simple install.
- Dimensions 200mm (W) x 200mm (W) x 80 mm (D).

#### Plasterboard backbox:

- Enables the mounting of standard disabled refuge remotes in stud partition walls.
- Steel construction and supplied with either a green or stainless steel bezel. (BVCRFBG/S).
- Termination card is included for simple install.
- 20mm knock outs top and bottom for cable entry.
- Dimensions 131mm (W) x 142mm (H) x 65mm (D).
- Requires a cut out of 134mm (W) x 150mm (H).

## OMNICARE REMOTES SPECIFICATION:

	Disabled refuge (DRS)	Advance disabled refuge	Fire telephone	Emergency / steward telephone	Combined DRS and fire telephone
Product code - BVOC...	ECPG/ECPS	AS/AF	F/FB/FL/FLB/FS/FSL	ET/ETB/ETL/ETLB	C/CB/CL/CLB/CSP/CSL
Power supply	12-40V DC self powered from ring circuit				
Power consumption	30mA @ 35V typical				35mA @ 35V typ.
Weight	1kg	1kg	4kg	4kg	4.5kg
Humidity range	95% non-condensing				
Temperature range	-10°C to +40°C				
Indicators	System healthy, status	System healthy, system activated, in use	System healthy	System healthy	System healthy, call status
Finish	Green or stainless steel	Green with Braille and tactile/ luminescent text	Red or stainless steel	Green	Red or stainless steel
Dimensions mm WxHxD	134x134x56	flush: 178x440x3 surface: 180x440x64	130x350x100	130x350x100	130x480x100
Bezel dimensions mm WxH (radius)	154x154x(10)		170x390x(20)	170x390x(20)	170x520
Bezel cut out mm WxH	136x136		138x358	138x358	138x488
Flush mount cut out mm WxH		133x235x65			
Knockouts/cable entry points	7 (20mm & 26mm)	20mm & 25mm	20mm & 25mm	20mm & 25mm	20mm* & 25mm
Mounting position	Remotes should be placed at a height of 1.3-1.4m, OR in refuge areas: at a height of 900mm to 1.2m				

\* 2 x 20mm top (site wiring), and  
2 x 20mm bottom (relay contacts from disabled refuge section).

### SYSTEM REQUIREMENTS:

- Fire rated enhanced four core, colour coded, cable with a screen must be used for fire fighting systems.
- Standard fire resisting cables could be considered suitable for:
  - EVC systems for use in disabled refuges but not for fire-fighting in (a) sprinklered buildings; (b) unsprinklered buildings less than 30m in height, provided that evacuation takes place in three or fewer phases.
  - Underground sections of cabling at sports and similar venues.
- Up to 200m cable run between remote units and master control

panel as standard.

- A repeater unit (BVFREPEM) must be used if distance between remotes exceeds 200m.
- Disabled refuge, advance disabled refuge, fire telephone, emergency/steward telephone, combined DRS/fire telephone and toilet alarm units can be placed on the same loop.
- A ring circuit configuration must be used to wire the remote units. Typically 20-30 remotes per loop.
- Repeater units (BVFREPEM) are used to connect the toilet alarms to the system.

## BALDWIN BOXALL

TEL: +44 (0) 1892 664422  
FAX: +44 (0) 1892 663146

EMAIL: MAIL@BALDWINBOXALL.CO.UK  
WEB: WWW.BALDWINBOXALL.CO.UK

BALDWIN BOXALL COMMUNICATIONS LTD  
WEALDEN INDUSTRIAL ESTATE,  
FARNINGHAM ROAD, CROWBOROUGH,  
EAST SUSSEX, TN6 2JR, UNITED KINGDOM.



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