



# Disabled Refuge Advance Green

Compliant to BS5839-9:2021 & BS9999:2017

The OmniCare system offers a choice of outstation units which can be wired on the same loop from the control panel.

The BVOCA2G Advance green disabled refuge remote unit is one of the options available on this versatile system.

[Click for more, including links to 'How to' Videos & Guides and related products.](#)

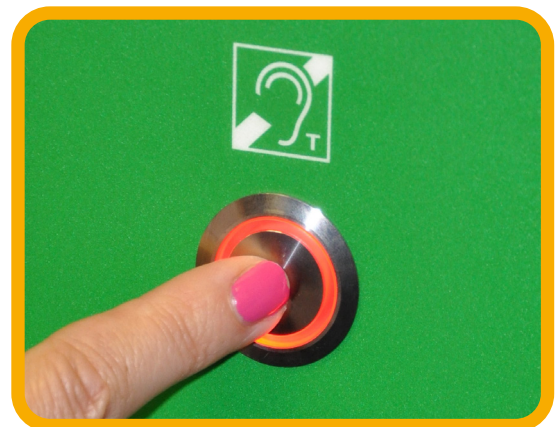
## OmniCare

### BENEFITS & FEATURES:

- Provides two-way, hands free, speech steered communication.
- Self-powered from ring circuit, no local power source is required. Automatic battery backup is provided by the control panel in the event of a mains power failure.
- Green finish (also available in stainless steel BVOCA2S).
- Addressable unit.
- Induction loop, Braille, tactile and luminescent text. The front panel is also framed by a luminescent border.
- Volt free contact, which is active when 'occupied', to operate over-door lamps, silence speaker/sounder, etc.
- Large, easy to use, call button with an integral illuminated ring, which ensures visibility at all times.
- Calls can be reset either by an extended press of the button on the remote unit or at the master control panel.
- All outstations are in a loop circuit from control panel(s).
- A link to the fire detection system prevents hoax disabled refuge calls. This feature can be completely, or partly, overridden.
- Surface mounting unit (can be flush mounted using a bezel).

### PRODUCT CODES:

- BVOCA2G - Advance outstation in green.
- BVOCA2GBZ - Optional bezel to flush mount.



### Maintenance Service Contracts Available:

### Complimentary Maintenance Log Book Available:

EVC System Maintenance Log Book

### Cabling information:

[Download Cabling Information](#)

EMERGENCY VOICE COMMUNICATION  
DISABLED REFUGE

# Specifications:

	<b>Advance Disabled Refuge (DRS)</b>
Product code	BVOCA2G
Power supply	12-40V DC self powered from ring circuit
Power consumption	30mA @ 35V typical
Weight	3.5 kg
Humidity range	95% non-condensing
Temperature range	-10°C to +40°C
Indicators	System healthy, system activated, in use
Finish	RAL 6024 / Green membrane / luminescent text / Braille
Dimensions mm W x H x D	180 x 440 x 64
Bezel dimensions W x H	230 x 490
Bezel cutout mm W x H	190 x 450
Knockouts/cable entry points	20 mm & 25 mm
Mounting position	Refuge remotes should be placed at a height of 900 mm to 1.2 m

## 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 some systems - refer to BS5839-9:2021 for details.
- A repeater unit (BVOCRIF) must be used if the 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.
- Typically 20-30 remotes per loop.
- Repeater units (BVOCRIF) are used to connect the toilet alarms (DTAKIT) to the system. Up to two (3-part)

DTAKITs can be connected to a BVOCRIF. (Alternatively one DTAKIT with an additional pull cord can be installed. Useful for rooms with two points of call, e.g. a toilet cubicle or shower area.)

- No local power required for any outstation, including disabled toilet alarms.
- The capacitance of MICC cable varies between manufacturers, if the specification is for MICC cable and if the runs are greater than 100 metres, you may wish to contact our technical team to ensure it is within tolerance:
  - MICC lightweight 4-core with screen: 100m
  - MICC heavyweight 4-core with screen: 200m
  - Enhanced colour coded 4-core with screen: 200m (recommended by Baldwin Boxall).



**BALDWIN BOXALL**  
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