



# NEW CARE2 SYSTEM

## Radial Wired Emergency Voice Communication

### CARE 2

CARE2 is our latest development - stylish, versatile and easy to use. It is a radial wired emergency voice communication system built to the high standard you expect from Baldwin Boxall. The new system provides an alternative to our well-established loop-wired Omnicare range.

#### FEATURES:

- CARE2 is an all-in-one Emergency Voice Communication (EVC) system.
- Fully monitored and battery-backed.
- Fully compliant to BS5839-9:2011
- Assists companies with compliance to BS9999:2008.
- Outstations are radial wired using fire rated two-core cable.
- Optional link to fire detection system prevents hoax disabled refuge calls (C2CFPE required). Firefighter and roaming telephones remain active.
- Speech steered; disabled refuge remotes.
- Full duplex speech; firefighter and emergency/steward telephones.
- Any combination of the following can be installed on a single system:
  - Disabled refuge remotes.
  - Firefighter telephones.
  - Roaming telephones.
- Outstations (including roaming telephone enclosure) are powered from the line.
- Facilitates clear communication during an emergency event.
- Ideal for retro-fitting old star-wired systems.
- Simple to navigate and control.
- Activity/fault log.
- Ethernet port for configuration diagnostics and accessing activity/fault log.

#### FUTURE ENHANCEMENTS INCLUDE:

- A facility for networked systems.

#### COMPARE CARE2 with OMNICARE:

To help you choose which system is best for your project.

	CARE2	OMNICARE
Cabling	Radial wired - 2 core	Loop wired - 4 core
Master panels	4,8,12 or 16-way	8,16,32,48,64 or 128-way
Networkable	future development	yes (maximum 127 remote units)
Disabled refuge	yes	yes
Advance refuge	no	yes
Firefighter telephone	yes	yes
Emergency telephone	yes	yes
Roaming telephone	yes	no
Disabled toilet alarm	no	yes

Please note: CARE2 and Omnicare products cannot be combined on the same system.



## CONTROL CONSOLE:

The CARE2 control console has a bright and clear LCD screen and is operated by a rotary encoder. Any combination of the outstations featured on this leaflet can be connected to the panel.

- Black or stainless steel finish.
- Unique design, easy to operate.
- 4-way control panel - expandable.
- Optional 4-way expansion kit available. Up to three can be fitted per console, enabling 8, 12 or 16-way control. (Not factory fitted.)
- Clear LCD screen with rotary encoder/control.
- Rugged red handset with hearing aid compatible earpiece.
- The handset is mounted in a lockable compartment to prevent misuse.
- Fault relay for indicator at fire panel.
- Full system monitoring.
- Indicators for 'power', 'incoming call', 'refuge areas active', 'system healthy', 'processor restart', 'common fault', 'processor fault'.
- Battery backed for use in the event of power failure (three hours active plus 24 hours standby).
- Surface mount (optional flush mount bezel available).



- Facility to view status of all outstations from a designated control console.
- Communicate console to console.
- Any 'slave' console can be easily be changed to 'master' status - enabling control of the system from a different point in a building during an emergency

### Future networking facility:

- Network up to 240 panels.

PRODUCT CODES	BLACK	STAINLESS STEEL
4-way console	C2CB4	C2CS4
4-way expansion kit	C2CEK4	
Flush mount bezel	C2CBZ	C2CSZ
Spare key	KEYBVE	

## DISABLED REFUGE REMOTE UNIT:



Provides clear, hands-free, two-way communication between person(s) in a refuge area and building control (or fire officers) during an evacuation event. Type B outstation as defined in BS5839-9:2011 - for use by the public and disabled persons requiring assistance.

The disabled refuge outstations on the system are permanently 'active', however, by fitting an optional module they can remain in 'standby' mode until activated by the fire panel.

- Green or stainless steel finish.
- Induction loop output to feed external amplifier.
- Surface mountable (optional flush mount bezel available).
- Call reset at control console.
- Hands free operation.
- Speech steered.
- One remote unit should be installed per refuge area. (Centre of the remote should be mounted 900-1200mm from floor.)

PRODUCT CODES	GREEN	STAINLESS STEEL
Refuge remote	C2RRG	C2RRS
Flush mount bezel	BVCRMGRN	BVCRMSS



## FIREFIGHTER TELEPHONE:

Telephone handset in a metal enclosure. Used by fire officers/building control during an emergency - such as a fire.

Assists with the efficient evacuation of a building. Provides a method of clear communication for the user and those monitoring the situation at the control console.

Firefighter telephones are usually sited on every floor of a building (as a minimum) in areas that are easily accessible.

- Handset has hearing aid compatible earpiece (T-coil).
- Robust handset in heavy duty enclosure.
- Red or stainless steel finish.

- Push door or slot lock versions available.
- Conference facility for fire and roaming telephones via console panel (recommended maximum of five including control console).
- Full duplex speech.
- Door latch initiates call.
- Surface mountable (optional flush mount bezel available).



PRODUCT CODES	RED	STAINLESS STEEL
Firefighter telephone - push door	C2FTRP	C2FTSP
Firefighter telephone - slot lock door	C2FTRL	C2FTSL
Flush mount bezel	C2FTRZ	C2FTSZ

## EMERGENCY / STEWARDS' TELEPHONE:

Designed for sports venues and stadia, the emergency telephone has all the features of the firefighter telephone. In a sports venue (or similar site) no-one should have to travel more than 30m to reach the nearest outstation (BS5839-9:2011).

- Green finish.

PRODUCT CODES	PUSH DOOR	LOCK DOOR
Emergency telephone	C2ETGP	C2ETGL
Flush mount bezel	C2ETGZ	

## ROAMING TELEPHONE:

Portable telephone handsets for use at the jack sockets positioned at appropriate points around a building.

### Handsets:

- Robust unit with hearing aid compatible earpiece.

PRODUCT CODES	
Roaming telephone handset	C2RTH

### Jack sockets:

- Stainless steel finish.
- Any number can be daisy chained (up to 500m. EOL resistor required in end unit). (One handset operational per line at any one time.)
- Flush mount (back box required).



PRODUCT CODES	
Roaming telephone jack socket (American)	C2RTJA
Roaming telephone jack socket (UK)	C2RTJUK

### Handset enclosure:

- Black or stainless steel finish.
- Lockable glass door.
- Holds up to six handsets (order separately).
- Green reassurance LEDs.
- Handsets stored in the enclosure are monitored at all times.
- Self powered from line.



PRODUCT CODES	BLACK	STAINLESS STEEL
Roaming telephone enclosure	C2RTEB	C2RTES
Flush mount bezel	C2RTEBZ	C2RTESZ
Spare key	KEYBVE	

## CARE2 SYSTEM SPECIFICATION:

	Control console	4-way expansion Board	Disabled Refuge	Firefighter Telephone	Emergency/ Steward Telephone	Roaming Telephone Jack Socket	Roaming Telephone Enclosure
Product codes	C2CB4 C2CS4	C2CEK4	C2RRG C2RRS	C2FTRP/L C2FTSP/L	C2ETGP C2ETGL	C2RTJUK C2RTJA	C2RTEB C2RTEs
Power supply	200-230V AC 50-60Hz		20-30V DC self powered from line				
Power consumption	75VA	<50mA	<70mA	<50mA	<50mA	<50mA	<50mA
Humidity range	95% non-condensing						
Temperature range	-10°C to +40°C						
Indicators include	4 x green LEDs: Power, call, RR active, healthy. 3 x yellow LEDs: Processor restart, common fault, processor fault.	n/a	1 x red LED: 'status' 1 x green LED: 'system ok'	1 x red LED: status indicator	1 x green LED: status indicator	n/a	1 x green LED: status indicator
Finish	Black or stainless steel	n/a	Green or stainless steel	Red or stainless steel	Green	Stainless steel	Black or stainless steel
Dimensions mm WxHxD	430 x 310 x 130	n/a	134 x 134 x 44	130 x 330 x 75	130 x 330 x 75	UK: 85 x 85 A: 4½" x 2¼"	430 x 310 x 130
Bezel dimensions mm W x H	470 x 350	n/a	154 x 154	170 x 370	170 x 370	n/a	n/a
Bezel cut out mm	440 x 320	n/a	136 x 136	136 x 336	136 x 336	n/a	n/a
Back box requirements	n/a	n/a	n/a	n/a	n/a	UK (mm): 85x85x35D A: 4"H x 2¼"W x 1¾"D	n/a
Knockouts/cable entry points	23 x 20 mm	n/a	4 x 20 mm & 4 x 25 mm	1 x 20 mm	1 x 20 mm	n/a	23 x 20 mm
Mounting height	1.4-1.5 m	n/a	0.9 m-1.2 m	1.3-1.4 m	1.3-1.4 m	n/a	n/a

## SYSTEM REQUIREMENTS:

- The remote units are radial wired from the control panel.
- Two core fire resisting cables:
  - Disabled refuge - non-enhanced.
  - Firefighter/roaming telephones - enhanced.
- Up to 500m cable run between remote units and control console as standard.
- Disabled refuge, firefighter telephone, emergency/steward telephone and roaming telephone can be included on the same system.
- Future: networked panels to be linked in a loop configuration.

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