

Booster Panel



CWB9500 - Wireless Booster Panel

Overview

The wireless booster panel (CWB9500) allows devices outside the range of the wireless control panel (CW9000) to be addressed, monitored and controlled.

Each wireless booster panel operates its own dedicated wireless loop on a different system ID and frequency from the control panel.

The wireless loop of the booster panel, with up to 28 intelligent addressable wireless devices, is operated in synchronisation with the control panel's wireless loop to provide a transparent link between the wireless control panel and the intelligent addressable devices.

The intelligent addressable devices on the wireless booster panel's wireless loop are commissioned and directly accessed by the control panel.

Up to 8 booster panels can be commissioned onto the control panel wireless loop.

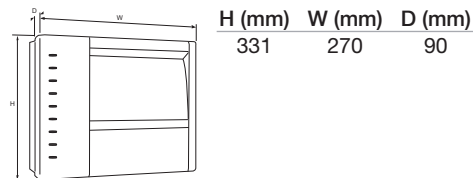
Features

- Meets the requirements of EN54 Pt25
- Up to 8 booster panels can be positioned on the loop
- Address capacity up to 28 wireless devices (per booster panel)
- Range > 1km in free air
- Fully addressable
- Duplex technology (2 way communication)
- Mains powered with battery back up
- Power supply designed to comply with EN54 Pt4

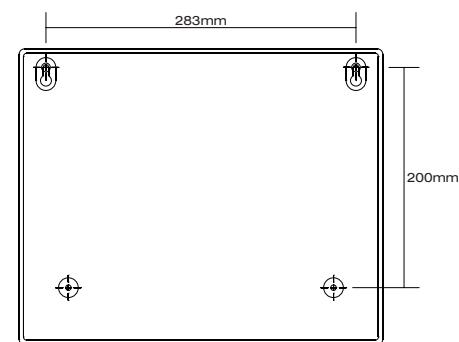
Benefits

- Extends control panel range
- Eliminates difficulties and costs associated with wired fire systems
- Minimise disruption
- Helps preserve building aesthetics
- Easy to install and commission
- Save time and cost

Dimensions



Mounting Details



Technical Specification

Code	CWB9500
Description	Wireless Booster Panel
Standards	EN54 Pt25
Power	
Operating Voltage	230V ac +10%/-15% (nom)
Current Consumption	50mA
Input Fuse Protection	6A fast-blow fuse (F1)
Monitored Supply	Yes
Batteries	
Number	1
Battery Type	12V 3.2Ah
Standby Current	35mA
Fuse Protection	3A polyswitch (PTC2)
Monitored	Yes
Radio	
Frequency Band	868 MHz
Wireless Devices	28 (max)
Environmental	
Operating Temperature	-10°C to +55°C
Humidity (Non Condensing)	0 to 95% RH
Physical	
Construction	PC/ABS
Colour	Graphite
Dimensions (H x W x D)	331mm x 270mm x 90mm
Weight (incl. batteries)	3.5kg
Weight (excl. batteries)	2.1kg
Cable Entry	1 for mains
Cable Entry	Diameter 20mm
Compatibility	
Suitable for use with	Cooper Wireless Fire Systems

Installation

- The wireless booster (CWB9500) should be fixed and wired first.
- The wireless ancillaries should then be positioned and fixed as per the drawings.
- The wireless booster should be positioned clear of metal structures, cables, metal piping, and foil backed plasterboard.
- For ease of access the front panel can be removed by removing the screws underneath the flap.
- The display section can also be removed by unscrewing the screw at the top of the cover, tilting the cover forward to disconnect the large ribbon cable, and then removing the cover by pulling it out of the brackets.
- Refitting is the reverse of removal.
- The booster should be fixed using four suitable fixings through the holes provided.
- Do not drill through the box to locate the fixings as dust and debris will contaminate the electronics.

Product Codes

Code	Description
CWB9500	Wireless Booster Panel

Descriptions represent only particulars of the goods to which they apply and do not form part of any contract. The company reserves the right to change specification without prior notification or public announcement.