COOPER Safety
Fire Systems

EN54

CW9000 Range

CW9000 - Wireless Control Panel

Overview

Using Cooper wireless protocol the wireless control panel (CW9000) provides a fire detection system using secure wireless connections between the field devices and the control panels.

Based on well proven components the sensors, sounders, beacons and callpoints give CW9000 a highly reliable foundation into which the wireless technology has been integrated to provide a fully featured intelligent addressable fire detection and alarm system.

The development of CW9000 has tracked the progress of the European Standard EN54-25 "Fire detection and fire alarm systems. Components using radio links", and has therefore been designed to conform fully with all aspects of this document.
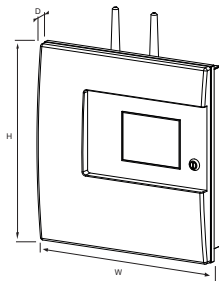
Features

- Meets the requirements of EN54 Pt25
- Address capacity up to 250 wireless devices
- Range > 1km in free air
- Soft addressing
- Multi-language selection capability
- Monitor battery status under all conditions
- Large versatile touch-screen user interface

Benefits

- Simple to operate end user touch-screen interface
- Eliminates difficulties and costs associated with wired fire systems
- Minimise disruption
- Helps preserve building aesthetics
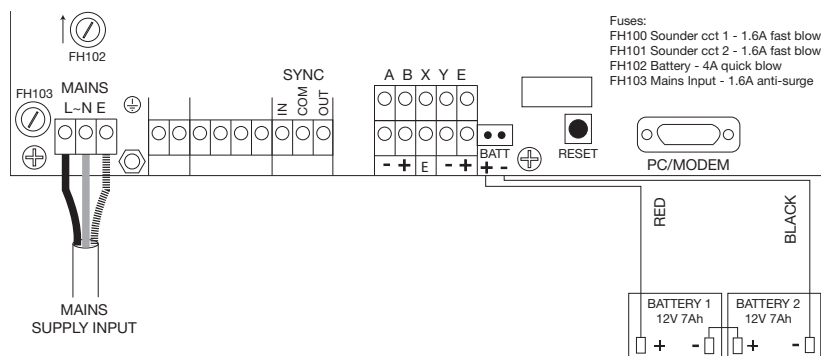- Full system integrity with Cooper developed protocol

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Dimensions

	H (mm)	W (mm)	D (mm)
Panel	375	357	95
Arials	85	85	

Technical Specification

Code	CW9000
Description	Wireless Control Panel
Standards	EN54 Pt25
Power	
Operating Voltage	230V ac +10%/-15% (nom)
Current Consumption	75mA (nom)
Mains Fuse	1.6A slow blow
Batteries	
Number	2
Manufacturer	Yuasa, YSP12-4
Capacity	4Ah
Battery Fuse (F4)	4A quick blow
Battery Current	3.5A (max)
Standby Current	(mA) 100 (1 loop)
Wireless Capacity	
Address Capacity	250 devices (max)
Wireless Outputs	60 sounders + 20 3 channel input/outputs
Environmental	
Operating Temperature	-10°C to +55°C
Humidity (Non Condensing)	0 to 95% RH
Physical	
Construction	Back box - mild steel (powder coated)
	Fascia - PC/ABS
Colour	Graphite
Dimensions (H x W x D)	375mm x 375mm x 95mm
Weight (incl. batteries)	9kg
Weight (excl. batteries)	4kg
Cable Knockouts	11mm x 20mm
Flammability Rating	UL 94 V0
Compatibility	
Suitable for use with	Cooper Wireless Fire Systems

Standard Connection

Fuses:
FH100 Sounder cct 1 - 1.6A fast blow
FH101 Sounder cct 2 - 1.6A fast blow
FH102 Battery - 4A quick blow
FH103 Mains Input - 1.6A anti-surge

Product Codes

Code	Description
CW9000	Wireless Control Panel