COOPER Safety
Fire Systems

EN54

Survey Kit

CW500 - Wireless Survey Kit

Overview

The wireless survey kit (CW500) is an essential tool for evaluating a site's suitability for a Cooper wireless system prior to installation.

The wireless survey kit achieves this by performing a thorough scan (on all available frequencies) to detect any interference or other wireless systems close to the site.

The wireless survey kit can then be used to perform a full site survey (on all available frequencies) to check the signal quality between the control panel location and the desired location of each individual remote device.

These results provide the unit with all the information it requires to calculate the optimum frequency for the site.

This tool is also essential for establishing if the installation site requires any wireless booster panels.
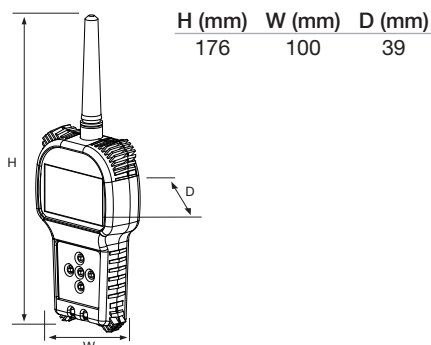
Features

- 3 x Standard AA batteries
- Duplex technology (2 way communication)
- Range > 1km in free air
- Simple menu driven interface
- Site survey for checking signal quality before system installation
- Survey analysis to identify the best frequency channel
- Device commissioning
- Database containing site scan, site survey and commissioning data
- Upload/download database to/from a PC or Laptop

Benefits

- Site scan for detecting interference and other wireless systems
- Simple to operate
- Ease of commissioning system
- Identifies the ideal operational channel frequencies

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Dimensions

H (mm)	W (mm)	D (mm)
176	100	39

Technical Specification

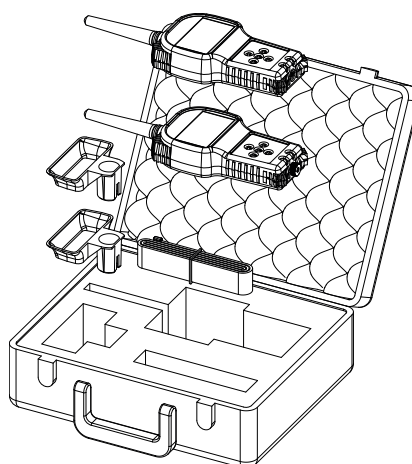| Code	CW500
Description	Wireless Survey Kit
Description	
Batteries	3 x AA Lithium (4.5V) 3000 mAhr (min)
Wireless Frequency	868 MHz
Units per Fit	2
Interface	
Visual	Graphical LCD display
	Green "GO" LED
	Red "NO GO" LED
Audible	Internal buzzer
Keyboard	5 button keyboard
Attachments	Camera stand attachment
	Extendable pole cradle
Batteries	
Number	1
Battery Type	12V 3.2 Ah
Standby Current	35mA
Fuse Protection	3A polyswitch (PTC2)
Monitored	Yes
Radio	
Frequency Band	868 MHz
Wireless Devices	28 (max)
Physical	
Construction	Housing - PC/ABS
	Boot - silicon rubber
Colour	Housing - Grey
	Labelling - Blue
Dimensions (H x W x D)	176mm x 100mm x 39mm
Weight	2.4kg
Compatibility	
Suitable for use with	Cooper Wireless Fire Systems

USBINT2 Overview

The analogue systems panel interface (USBINT2) is a universal serial bus converter that provides conversions from RS232 to USB, TTL to USB or TTL to RS232.

These options provide the connectivity required between a PC and intelligent addressable control panels, wireless control panels, and wireless survey tools.

This interface is included with the wireless survey kit to provide a comprehensive site survey and commissioning tool.

Wireless Survey Kit

Product Codes

Code	Description
CW500	Wireless Survey Kit (includes USBINT2 interface)

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