EMS

Wire Free Solutions for Fire & Security

Combined Detector Sounder

- Fully Addressable
- Wire-free activation
- Third party certified (EN54)
- 2-way radio communication
- Upto 5 Year battery life
- Visual indicator option
- Acoustic Self Test
- Universal transmitter module
- Transmitter tamper
- Range in excess of 150 metres

Overview

The FCX-191-101 combined radio detector sounder is a battery operated device that is remotely activated and monitored by the controller. Each unit has a unique address configured during manufacture and is individually addressable by the system controller. Each unit is controlled individually or by zone, dependant on the system design.

The device is housed in an impact-resistant ABS moulding. The device employs 2-way radio communication with the fire system controller using 868MHz wavebands to receive command instructions for auto reporting.

The device has a removable head allowing Optical, Heat or multi-sensor heads to be fitted.

Designed and manufactured using the latest techniques and surface mount technology ensures component count is kept to a minimum, thereby maximising reliability.

The Detector sounder is powered by a low-voltage dual supply Alkaline battery pack. The battery pack condition is continually monitored. The battery board has been tested to provide up to 5 years of normal site operations (15°C - 35°C). The system indicates remaining battery capacity and a low battery condition is indicated to the controller as a fault leaving approximately 30 days for the battery pack to be changed.

Fire Cell
An EMS Group Product

Dimensions:	146mm x 94mm with multi-sensor fitted
	146mm x 86mm with heat sensor fitted
	146mm x 84mm with optical sensor fitted
Weight.	0.70kg
Operating Temperature:	-10°C to 70°C
Humidity:	Up to 95% non-condensing
Supply:	Up to 5 year integral energy source
Operating Frequencies:	868 MHz
Output Transmitter Power:	Variable 0-14dBm
Standards:	Third party certified to:
	EN54 part 3 EN54 part 7
	EN54 part 5 ETSI EN 300 220

Ordering Information

FCX-191-001	FireCell Combined Sounder and Optical Smoke Detector.
FCX-190-001	FireCell Combined Sounder and Multisensor Detector.
FCX-192-011	FireCell Combined Sounder and Heat Detector (Class CS).
FCX-192-001	FireCell Combined Sounder and Heat Detector (Class A1R).
FCX-191-201	FireCell Combined Sounder –Visual indicator (Red) and Optical Smoke Detector.
FCX-190-201	FireCell Combined Sounder –Visual indicator (Red) and Multisensor Detector.
FCX-192-211	FireCell Combined Sounder –Visual indicator (Red) and Heat Detector (Class CS).
FCX-192-201	FireCell Combined Sounder –Visual indicator (Red) and Heat Detector (Class A1R).

Note: Other options are available in our full price List.

An ISO9001:2008 certified company

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