



## Wireless Solutions for Fire & Security

### FireCell Sounder

- Fully addressable
- Wireless activation
- Third party certified (EN54)
- 2-way radio communication
- 5 year battery life at normal conditions
- 32 selectable tones
- Visual indicator option
- Acoustic self test
- Universal transmitter module
- Transmitter tamper
- Range in excess of 150 metres



### Overview

The FCX-300-002 Radio Sounder is a battery operated sounder 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 radio sounder is housed in an industry standard, impact resistant ABS moulding. The sounder has 2-way radio communication with the fire system controller using 868MHz wavebands to receive command instructions for auto reporting.

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

The 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 a 5 year battery life at normal conditions (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.

# FireCell

## Specification

Dimensions:	120mm x 125mm with radio module Weight 0.65Kg
Operating Temperature:	-10°C to 70°C
Humidity:	Up to 95% non-condensing
Supply:	3 x AA & 3 x C cell Duracell Alkaline batteries
IP Rating	IP21C IP33C if used with FC-179-002 weather resistant kit.
Sounder Output	99 dBA @1 meter
Operating Frequencies:	868 MHz
Output Transmitter Power:	Variable 0-14dBm
Standards:	Third party certified to: EN54 part 3 EN54 part 25 ETSI EN 300 220

## Ordering Information

radio sounder includes base and batteries:  
radio sounder radio base only:  
red sounder head:  
red sounder Visual indicator

Part Number **FC-300-002**  
Part Number **FC-171-002**  
Part Number **FC-172-002**  
Part Number **FC-173-002**



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