

# User-Powered Alarm Box



## Description

The User-Powered Alarm Box is a unique emergency radio transmitter designed to eliminate the high cost associated with batteries and wires of conventional alarm box systems, while maintaining the benefit of being extremely cost effective.

The following benefits make the User-Powered Alarm Box an application must:

### Wireless

Using a frequency modulated (FM) radio transmitter, the User-Powered Alarm Box reports emergency alarm messages to a SigCom Receiving Console. Its microprocessor-based circuitry provides accurate and reliable data communications under extreme environmental conditions.

### No Batteries

An electro-mechanical power module enables the User-Powered Alarm Box to operate without a battery or any other power source. This unique design eliminates the high cost associated with battery maintenance and replacement.

### Vandal Resistant

Ruggedly constructed of cast aluminum the User-Powered Alarm Box is designed so that no bolts or screws are exposed to weather and vandals. Sudden or extreme movements can activate the optional Automatic Tilt/Vandal Alarm which will automatically send a signal to a SigCom Receiving Console.

### Low Maintenance

The User-Powered Alarm Box requires minimum maintenance because of its solid construction and battery-less design. All electronics are solid state and environmentally coated. Mechanical components have been selected to provide high reliability and long life in the harshest environments.

### Meets ADA Guidelines

Activation of the pull handle and selector buttons are within the guidelines of the Americans with Disabilities Act (ADA).

## Features

- FCC Type Accepted  
(Part 90 of Rules)
- Meets ADA Guidelines
- Bilingual and Graphic Instructions
- Simultaneous Functions Buttons
- Mechanical Ice Breaking Device
- Programmable Box ID Number
- Cables Contained within Mounting Pole
- Modular Design
- Optional Automatic Tilt / Vandal Alarm



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## Specifications

### Communications

Type: Data, Narrowband FM Radio  
 Output: 1.0 Watts Nominal  
 Frequency: 72-76, 132-176 MHz  
 Range: Up to 25 Miles (more using repeaters)

### Indicators

Audible Pulsating Tone, LED

### Environmental

Temperature: -30°F to +150°F  
 -34°C to +65°C

Salt Spray Tested  
 Moisture Resistant  
 Anti-Fungus Coating

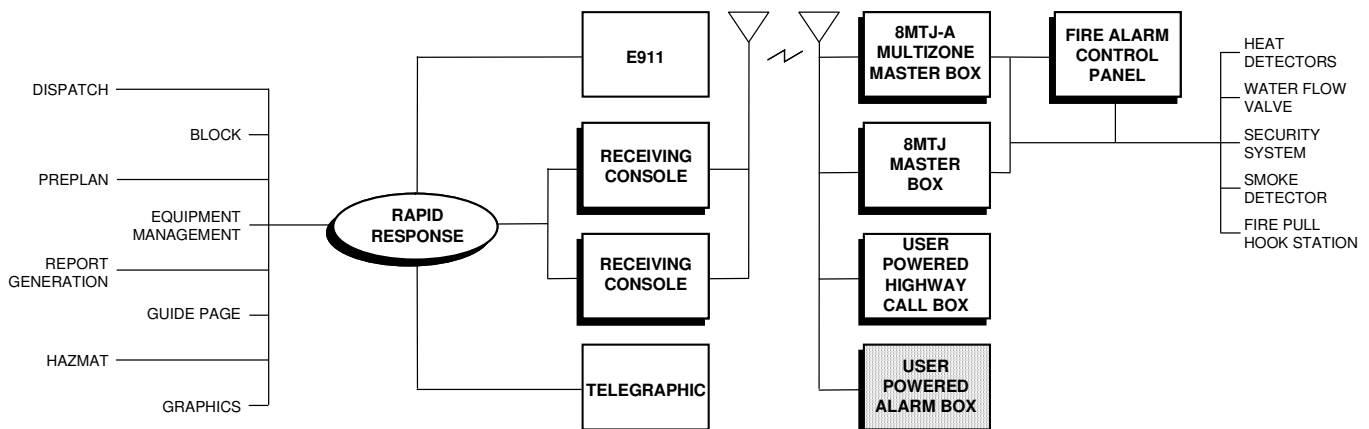
### Enclosure

Material: Cast Aluminum  
 Dimensions: 12W x 18H x 8.5D  
 Weight: 35 lbs  
 Color: Fire Red, Blue or Yellow



(Shown with Handle Down)

## System Block diagram



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