

User-Powered Call Box



Description

The Signal Communications User-Powered Call Box is a unique emergency transmitter designed to eliminate the high cost associated with batteries and wires of conventional emergency notification systems.

All SigCom User-Powered Call Boxes are constructed of cast aluminum to withstand prolonged exposure to corrosive elements. Each box is tested in temperatures from -30°F to 150°F. No fasteners are exposed to the outside, and the enclosure locks to the back plate with a cylindrical screw lock, making the housing vandal and weather resistant. An ice breaking feature is also integrally designed into the handle. The antenna cable and grounding strap are routed completely inside the mounting pole.

The User-Powered Call Box includes icons to enhance understanding, in addition bilingual instruction plates are available. Each Call Box can have up to four (4) function buttons for specific emergency situations. The buttons may be pushed simultaneously to send and request multiple emergency responses to a specific condition. Equipped with an integral call confirm feature, the activated Call Box will provide an audible annunciation and blinking LED to alert the user that the call(s) has been received at the dispatch center.

In the event that a Call Box or mounting pole is hit by a vehicle, a tilt message is sent to the dispatch center, minimizing the time the Call Box may be out of service.

With a SigCom Call Box system, expansion is never difficult. New Call Boxes can be added anywhere within the reception area without adding any cables. Superior to a voice system, each SigCom Call Box is uniquely addressed thereby eliminating any delay or confusion during an emergency situation. The dispatch center software links each Call Box to a specific location and provides detailed information pertaining to that location.

Description

The Signal Communications User-Powered Call Box operates simply and efficiently. Pull the handle, push the desired button(s) "Police", "Ambulance", "Service", etc., release the handle and the energy stored in the mechanical module provides power to the radio transmitter. In approximately 1/2 a second the dispatch center will receive the transmission. Upon receipt of the transmission, a verification signal is returned to the activated Call Box, alerting the user that assistance is on the way.

Features

- Wireless Technology
- Reliable FM Radio Communications
- Simultaneous Functions Buttons
- Mechanical Ice Breaking Device
- No Battery or AC Power Required
- Cables Contained within Mounting Pole
- Modular Design
- Automatic Tilt Alarm
- Resistant to Severe Weather and Ice
- Low Lifetime Costs
- Faster and more Accurate than Voice



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Specifications

Communications

Type: Data, Narrowband FM Radio
Output: 1.0 Watts Nominal
Frequency: 72-76, 132-174 MHz
Range: Up to 20 Miles (more using repeaters)

Indicators

Audible Pulsating Tone, LED

Environmental

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

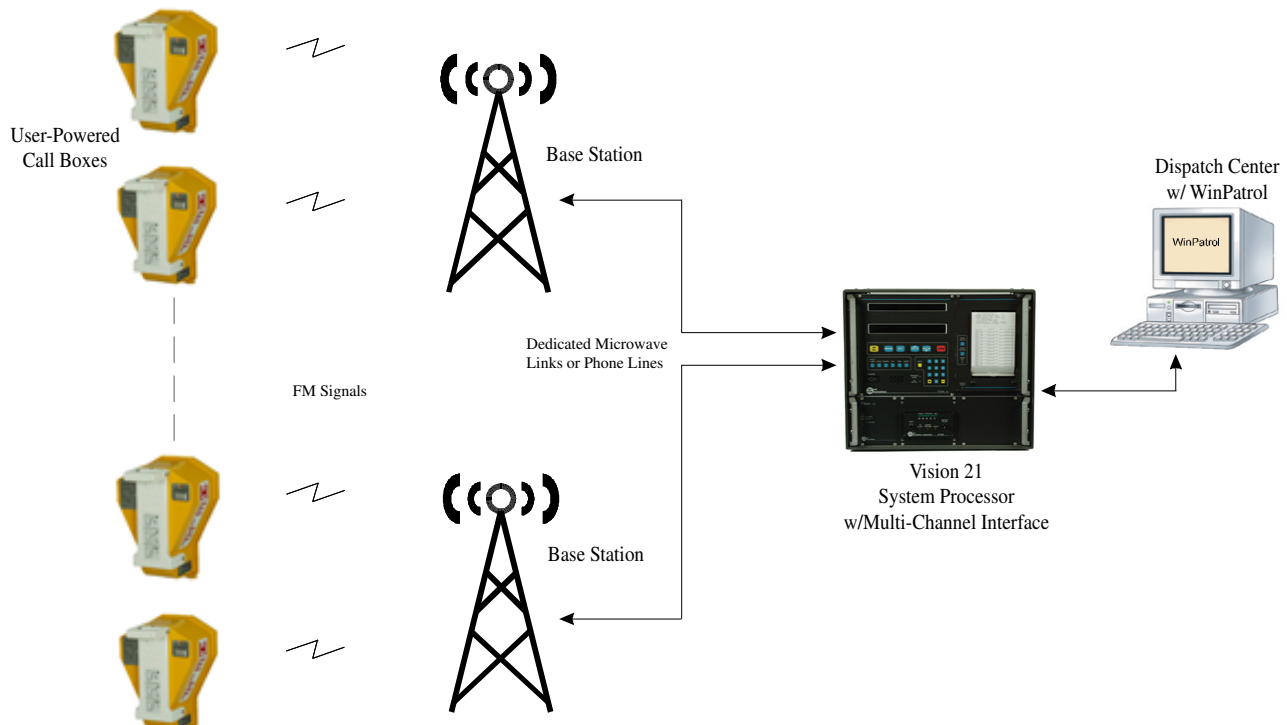
Salt Spray Tested
Moisture Resistant
Anti-Fungus Coating

Enclosure

Material: Cast Aluminum
Dimensions: 12W x 18H x 8.5D
Weight: less than 50 lbs
Color: Yellow



Typical System Layout



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