

Wireless Construction Site Emergency Notification System

Site-Wide Effective Wireless Communication
Improves Safety On Construction Sites



Effective construction site communication is critical to employee safety. Workers may not be carrying a cell phone, but regardless, in an emergency that causes heavy cell phone usage, calls may not even get through. Plus there is no effective way to broadcast an emergency message to everyone on a cell phone. Also, dialing a phone number is way slower than the instant communication provided by 2-way radios. This system, based on 2-way radio technology, allows for fast one-to-many communication that you can't effectively do with cell phones, and it doesn't even require workers to carry a radio.

These 2-way radio devices work together to provide a comprehensive emergency communication system. This system can be used for all sorts of warnings and calls for help such as medical emergencies, fires, explosions, tornadoes, earthquakes, lightning, floods, poisoning, toxic gas releases, electrocution, structural failures, heavy equipment failures, and hazardous material incidents.

OPERATION:

Using this system is fast and easy. Wireless PA 2-way radio receivers can be placed around the construction site and announcements are broadcast over them. An Emergency Notification transmitter can send prerecorded emergency messages to the PA receivers at the press of a button. Either handheld 2-way radios or desktop base station intercoms can broadcast live messages. Personnel who do not carry 2-way radios can use wireless callboxes placed around the site to contact managers in an emergency.

Installing the system is just as simple. The radio frequency you use can be field programmed, or done by us. Once power is applied, or batteries inserted, then you simply mount the units where you want them.



ALSO USED FOR CONSTRUCTION ELEVATORS

Construction sites tend to have construction elevators, or manlifts, that also need communication. Traditional construction elevator intercoms require power cables to be run between floors. These power cables and the connectors to the intercom are all points of failure.

Using a wireless callbox on each floor and a base station intercom inside the elevator cab, you have a reliable communication system without risk of the wire cuts so common with wired elevator systems.

Since these elevators are a critical part of moving people to safety in an emergency, having a wireless system in place is key to an overall effective safety plan.

CONSTRUCTION SITE

NOTIFICATION SYSTEM

SYSTEM FEATURES

- Emergency voice messages through wired or wireless PA systems
- Can send pre-recorded alert tones or voice messages
- Use 2-way radios or base station radios to broadcast live messages
- Eliminates the need to run expensive cabling throughout the site

BENEFITS

- Gives clear instructions on what to do in the emergency
- Saves thousands of dollars in installation costs
- Very quick installation - No specialized skills required
- Satisfies OSHA requirements

WIRELESS PA SYSTEM

- Receives broadcasts from 2-way radios
- UHF and VHF 2-way radio frequencies
- Can have 2 speakers on one receiver
- 25 feet of speaker wire on each speaker
- 84db sound level at 100 feet

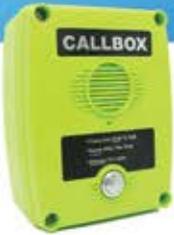


BENEFITS

- Eliminates having to run expensive cabling
- Loud and clear messages

WIRELESS CALLBOX

- Transmits and receives from and to 2-way radios
- UHF and VHF 2-way radio frequencies
- Tough and weatherproof
- Can be battery powered
- Works great in construction elevators



BENEFITS

- Put communication anywhere so workers have instant access to radio equipped personnel
- Easy placement in high-risk, high-traffic areas

VOICE NOTIFICATION SYSTEM

- Record tone or verbal messages for broadcast
- Connect four push buttons for different messages
- Messages can repeat multiple times
- UHF and VHF 2-way radio frequencies



BENEFITS

- No need to continually speak instructions into a radio
- Record messages unique to your business

BASE STATION 2-WAY RADIO



- Heavy-duty steel construction
- Can connect an external speaker microphone
- Can use an external antenna
- UHF and VHF 2-way radio frequencies

BENEFITS

- Can be placed anywhere
- Wall or desk mount
- Less likely to walk off than a handheld so it is always available.

HANDHELD 2-WAY RADIO

- Mil-spec standard construction - water resistant
- Jack for headsets and lapel speaker microphone
- Drop-in charger so it's always ready to go
- UHF and VHF 2-way radio frequencies



BENEFITS

- Gives you mobility so you can broadcast updates as needed.
- Small and can be belt mounted for easy carrying

Contact www.intercomsonline.com for assistance in choosing the right system for you

