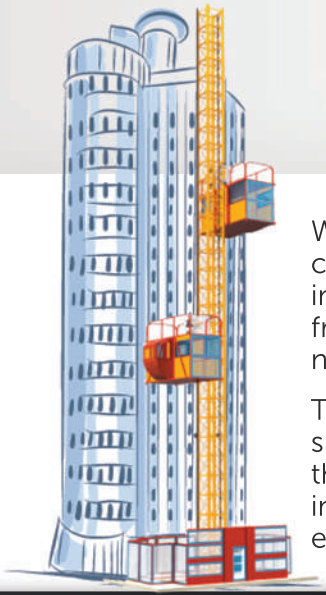
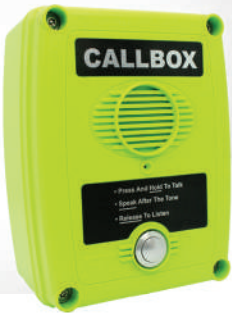
intercoms ONLINE .COM

Wireless Construction Elevator Intercom System eliminates multiple points of failure





Without reliable hoist system communication, a construction project is at risk of delays which could end up in fines and cost overruns. That's bad enough, but even more importantly, these intercoms are used for emergency communication should workers become hurt or in danger from fire or other emergencies. Without a working elevator intercom system, they may have no way to get assistance quickly since not everyone has a radio.

This system is a true wireless system. The units on the floors are powered by three standard D size batteries for up to 7000 transmissions so there is no need for cables between units. Given that construction sites are harsh environments, this eliminates the biggest problem with hoist intercoms, which is severed cables. Operating costs are not only lowered through its elimination of cables, but also by its ease of installation.

OPERATION:

Using this system couldn't be more easy. In fact the instructions are printed on each callbox. Workers just press the button and announce what floor they're on and where they want to go. The elevator operator can use either a handheld 2-way radio for mobility, or a base station intercom mounted in the cab (or both). The handheld is battery powered, while the base station requires 12 volts DC power.

Installing the system is just as simple. The radio frequency you use can be field programmed, or done by us. Once batteries are installed and the units are programmed, then you simply mount the callboxes to the wall on each floor and in the elevator. As more floors are added to the building, another intercom can be added in minutes.

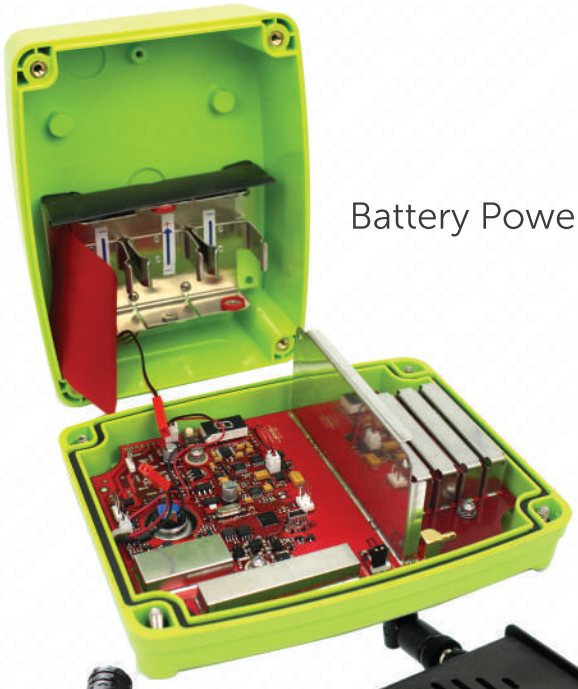
INTERCOMS WITH MULTIPLE POINTS OF FAILURE

Even though they claim to be wireless, 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.

Each intercom has a power connector and a connector for an antenna, both of which are external to the housing and can get damaged. The cables can get pinched or severed by normal construction activities. These cables typically do not last the duration of a construction project.

Another factor to consider is that given the AC power supplies of these systems, your emergency communication will go down with a power failure.

WIRELESS CONSTRUCTION ELEVATOR INTERCOM SYSTEM



Battery Powered

Base Station Intercom

Handheld Radio

Specifications:

- Wireless, 2-Way, Push-To-Talk analog or digital technology.
- Low cost to install.
- Analog callboxes available in VHF MURS License-Free frequency band (up to 6 floors), and license-required VHF 150-165MHz and UHF, 450-470MHz frequency band. Digital callboxes available in license-required VHF 150-174MHz and UHF, 450-470MHz.
- Business band frequencies, long range performance - up to 1 mile line-of-sight.
- Works with any VHF or UHF analog or digital business band 2-way radio.
- Durable, gasket-sealed, high-impact molded, polycarbonate enclosure.
- Tamper and vandal-resistant, internal antenna, long-life, machined aluminum PTT button.
- Battery powered for stand-alone operation but can be externally powered too.
- Adjustable volume, high-audio output, provides easy to hear audio in high noise areas.
- User adjustable field-programmable settings.
- PC programmable.
- A unit with a built-in relay is available and allows long-range, remote control of an optional strobe light or other devices.
- The unit with relay also has recordable voice messages that could be used to annouce the floor the caller is on.
- Flange mounting brackets inlcuded for easy installation.
- Dimensions: 7" H x 5" W x 3" D
- Weight: 2.75 lbs
- Operating Temperature: -20°C to +55°C (-4°F to 131°F) Note: Alkaline battery capacity rating at 0°C is < 50% of rated pwr.
- Designed and manufactured in the USA

Available Options:

- ☑ IO1050 MURS Wireless Construction Elevator Intercom
- ☑ IO1051 UHF Wireless Construction Elevator Intercom
- ☑ RT1016 MURS Commercial Base Intercom
- ☑ RT1064 UHF Commercial Base Intercom
- ☑ RT1013 MURS Commercial Handheld Two-Way Radio
- ☑ RT1063 UHF Commercial Handheld Two-Way Radio

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