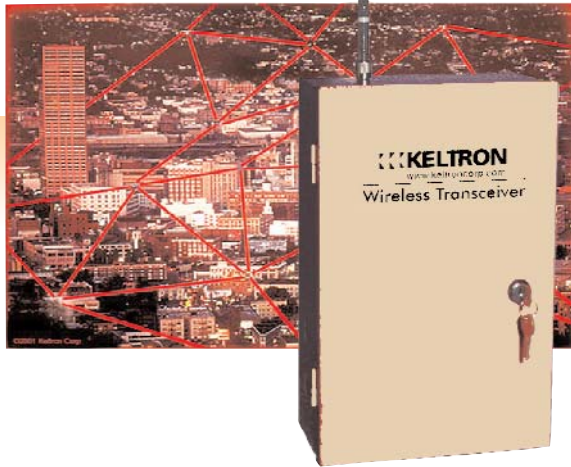


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Keltron RF745X Wireless Transceiver



High performance
Cost effective
Efficient

Keltron RF745X wireless transceivers provide two-way alarm transmission from monitored locations to the central receiver. Replacing expensive and unreliable telephone lines, active network radio is a self-routing and self-healing solution that ensures instant life safety event monitoring over a wide geographic area.

Each Keltron RF745X transceiver serves as both a transceiver and a repeater to improve the strength and range of the entire network. The two-way transceiver provides high integrity communications that ensure every signal is authenticated and acknowledged. The Keltron RF745X transceiver is not UL-listed, offering smaller facilities and municipalities affordable, quality life safety event monitoring.

Keltron RF745X wireless transceiver is a 2-way, 4-zone transceiver with the ability to receive multiple inputs, including NO, NC and EOL. The Keltron RF745X wireless transceiver also includes a locking steel case for added security.

Keltron RF745X benefits

High performance - delivers messages in less than two seconds - faster than any other method

Cost effective - case-mount antenna - easy installation reduces expense - eliminates monthly telephone charges

Efficient - seeks best and shortest route to central station, adapts accordingly to changes

Compatible - fully compatible with IntelliTap systems

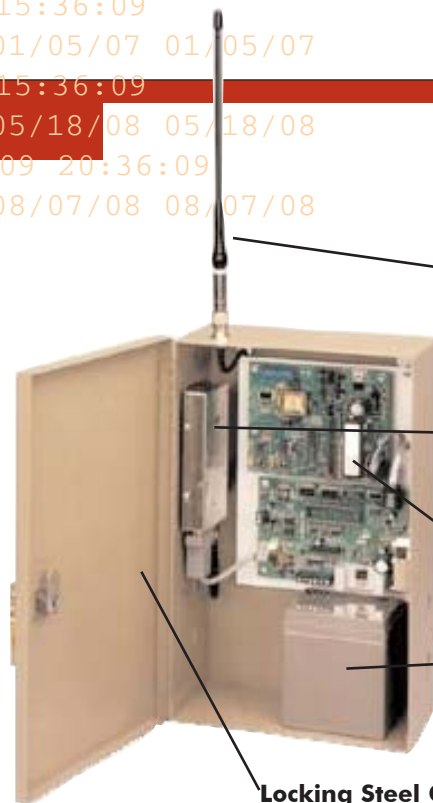
Keltron RF745X features

- Links directly to alarm panel - no dialers, no phone charges. Compatible with multiple control panels
- 4 discrete inputs individually programmable for NO, NC, Supervised (EOL), or open collector
- Built-in power supply and optional back up battery for added security and performance
- Enhanced self diagnosis monitors battery condition and AC power status
- Monitors telephone line cuts, alarms, troubles, and restorals

Programmable features include:

- Check-in time
- Time-to-live (TTL)
- Network/cipher code/account
- AC report delay
- Second alarm delay

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Typical Configuration RF745X:

- Antenna**
Omnidirectional, choose from 2.5db to 9db (2.5db shown)
- IntelliTap (optional)**
Receives data from alarm panel dialer output
- Transceiver**
2-5 watts typical, UHF and VHF available matched to receiver frequency
- Smart 4-Zone Controller**
Reports alarms, troubles, restorals, low battery, AC status and more. Dynamically adapts to maximize performance
- Built-in Power Supply / Battery Charger**

Locking Steel Case
Full size case with hinged cover provides lock for added security and room for a 4.5AH battery (order battery separately).

Specifications

| | | | |
|------------------------------------|---|--|--|
| 4 Zones | 4 programmable zones: NO, NC, supervised (EOL); trouble; restorals Telephone line cut monitor | Low battery reporting | 22.5 minute test cycle (approx.) |
| Ack delay/ Antenna cut | Open collector output (local reporting) 200 mA maximum load | AC status reporting | Reports to central station after approximately 4 minutes without AC power, reports AC power restoration after approximately 4 minutes of restored power. |
| Radio | Standard frequency range is 450-470 MHz and 150-174 MHz (others available) | Operating temperature range | 0 to 50° C |
| Standard output power | 2 watts, others available. All radio systems require FCC licensing | Storage temperature range | -10 to 60° C |
| Power input | 16.5VAC, 30VA | Relative humidity range | 0 to 85% RHC, Non-condensing |
| Handheld programmer | 1 per network (order separately) - used primarily during installation of the transceiver to set transceiver parameters. (10R7041) | Box dimensions (approx.) (excluding antenna) | 13.25" H x 8.5" W x 4.3" D (34 cm X 21.5 cm X 11 cm) |
| Voltage | 12VDC nominal | Box weight (approx.) (excluding battery) | 6.8 lbs / 3.1 kg |
| Current | 175 mA standby, 800 mA transmit (2 W transmitter) | | |
| Back-up battery (order separately) | 12V, 4.5AH | | |

Keltron develops and manufactures universally-compatible, UL listed life safety event management systems for the municipal and proprietary markets. Solutions include Ethernet signaling systems, active network radio systems, distributed multiplex systems, digital communicator/receiver systems, and direct wire systems. This document is not intended for installation or maintenance purposes. All specifications are subject to changes without notice. For more information visit www.keltroncorp.com or contact us at 781-894-8710.

