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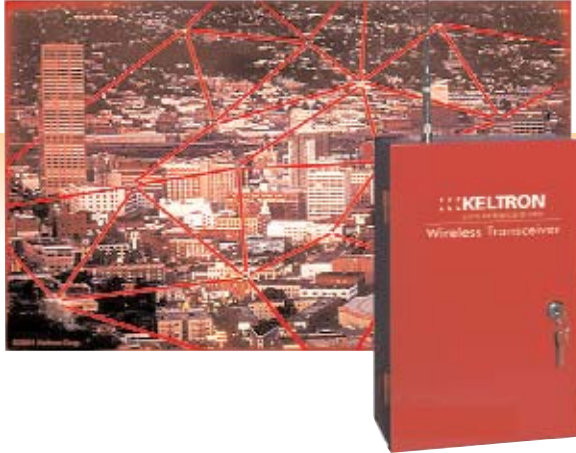
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KELTRON

Keltron RF750F Wireless Transceiver



High performance
Cost effective
Scalable

Keltron RF750F 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.

Designed for use in campus facilities, industrial complexes or municipal environments, each Keltron RF750F wireless 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.

Keltron RF750F wireless transceivers are available in either an F4 or an F8 configuration. Both styles feature 8 discrete programmable inputs. The F4 has 4 reverse polarity (RP) and 4 end-of-line (EOL) inputs and the F8 has 8 end-of-line (EOL) inputs.

Keltron RF750F 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

Scalable - multiple routing enables wide range mesh network with high capacity growth potential

Reliable - unique store-and-forward technology eliminates signal loss

Keltron RF750F features

Key features of the Keltron RF750F include:

- 4 reversing voltage inputs, optically isolated for maximum ability, programmable for reversing relay type fire panel outputs (RP)
- 4 programmable zone inputs for general alarm applications, also optically isolated for maximum protection (EOL)
- Built-in power supply and battery charger
- Digital dialer input using the IntelliTap receiver to tap the alarm panel dialer output and transfer full alarm data by radio
- Alternate input module (F8), 8 programmable end-of-line fire/security inputs (EOL)
- Alternate input module, DataTap™ RS232 interface to addressable FACP
- Compliance*

Programmable features include:

- Check-in time
- Time-to-live (TTL)
- AC fail delay reporting
- Second alarm delay
- Antenna cut delay
- Network/cipher code/account

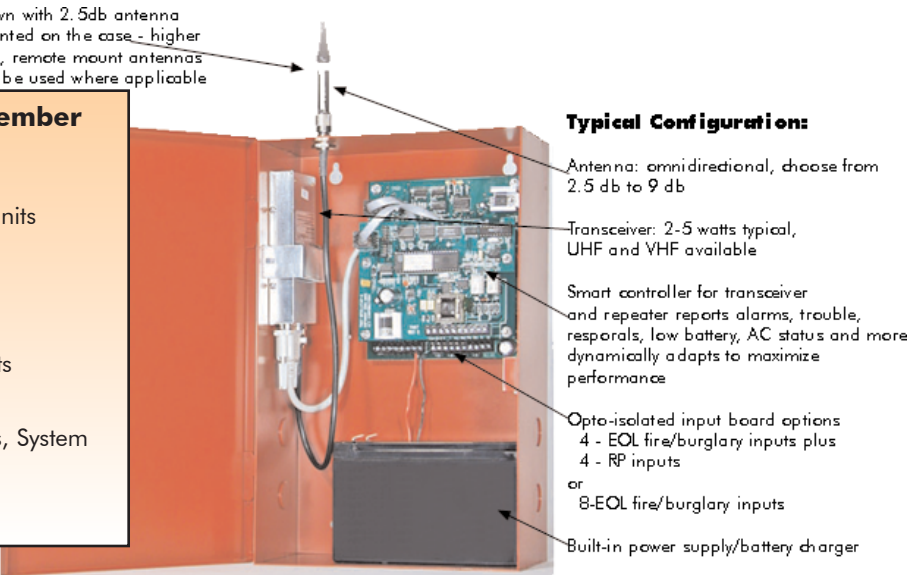
*Previously UL-Listed to UL864 8th edition through December 31, 2008.

Keltron RF750F

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Shown with 2.5db antenna mounted on the case - higher gain, remote mount antennas may be used where applicable

- Previously UL-Listed through December 31, 2008**
- UL1610 & UL1635 (standards)
AMCX.S1926 - Central Station Alarm Units
 - UL609 (standard)
AOTX.S3081 - Local Alarm Units
 - UL365 (standard)
APAW.S1926 - Police Station Alarm Units
 - UL864 (standard)
UOXX.S3081 - Control Unit Accessories, System
 - UL1076 (standard)
APOU.S1926 - Proprietary Alarm Units



Typical Configurations:

Specifications

<p>F4 - 8 Zones</p> <p>4 programmable zones, NO/NC/ supervised (fire) (EOL) plus- 4 reversing voltage inputs (fire) (RP) or-</p> <p>F8 - 8 Zones</p> <p>8 programmable EOL fire/burglary inputs</p> <p>Ack delay/ Antenna cut</p> <p>Radio</p> <p>Standard output power</p> <p>Power input</p> <p>Handheld programmer</p> <p>Voltage</p> <p>Current</p> <p>Back-up battery (order separately)</p>	<p>Open collector output (local reporting) provides a signal at the transceiver if transmissions are blocked</p> <p>Standard frequency range is 450-470 MHz, others available</p> <p>2 watts, others available. All radio systems require FCC licensing</p> <p>16.5VAC, 30VA, UL-listed class II transformer required</p> <p>1 per network (order separately) - used primarily during installation of the transceiver to set transceiver parameters (10R7041)</p> <p>12VDC nominal</p> <p>175 mA standby, 800 mA transmit (2 W transmitter)</p> <p>12V, 7AH (24h)/14AH 60hr), lead acid gel type</p>	<p>Low battery reporting</p> <p>AC status reporting</p> <p>Colors</p> <p>Operating temperature range</p> <p>Storage temperature range</p> <p>Relative humidity range</p> <p>Box dimensions (approx.) (excluding antenna)</p> <p>Box weight (approx.) (excluding battery)</p> <p>Options</p> <p>IntelliTap</p> <p>DataTap™</p>	<p>22.5 minute test cycle (approx.)</p> <p>Reports to central station after approximately 4 minutes without AC power, reports AC power restoral after approximately 4 minutes of restored power</p> <p>Available in standard colors: burglary beige or fire red. Please specify when ordering</p> <p>0 to 50° C</p> <p>-10 to 60° C</p> <p>0 to 85% RHC, Non-condensing</p> <p>13.25" H x 8.5" W x 4.3" D (34cm x 21.5cm x 11cm)</p> <p>6.4 lbs / 2.9 kg</p> <p>Satellite/remote dialer data receiver</p> <p>RS232 serial interface to addressable FACP data receiver</p>
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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.

