

900 MHZ SERIES

LONG RANGE, 900 MHZ WIRELESS TRANSMITTERS & RECEIVER



Activation Push Plates



36 Inch High/Low Push Plates



Signaling LED Lights



Gate/Secure Zone Activation



Logic Modules



DESCRIPTION

BEA's RF-900 series transmitters and receiver are FCC Part 15 certified activation devices. Universally compatible with any door activation system or automation need, the 900 MHz wireless technology enables communication with any push plate, detection sensor or signaling device.

The RF-900 series employs "frequency hopping technology" to allow secure, point-to-multi-point communication.

BEA's RF-900 series provides several advantages over legacy frequencies including greater transmission distances, with line of sight capability of 500 feet*. It emits a more robust signal through obstacles such as walls, partitions, doors or Low Emissivity glass.

**measured in open-air line of sight*

FEATURES & BENEFITS

- A combination of the industry's most compact 900 MHz receiver and transmitters for optimal installation convenience
- A full portfolio of wireless solutions are available in frequencies of 900, 433 and 300 MHz
- Auto-discoverable radio that links a receiver with a range-finding, signal-strength smart LED.
- Frequency hopping for improved performance
- 1, 2, 3 and 4 button hand-held transmitters, plus an in-wall transmitter that easily integrates with BEA activation wall mount devices
- The product range includes a 12 to 24 V AC/DC receiver, four 3-volt hand-held transmitters and a AAA battery powered in-wall transmitter
- Ideal for wireless activation and/or sequencing of automatic doors

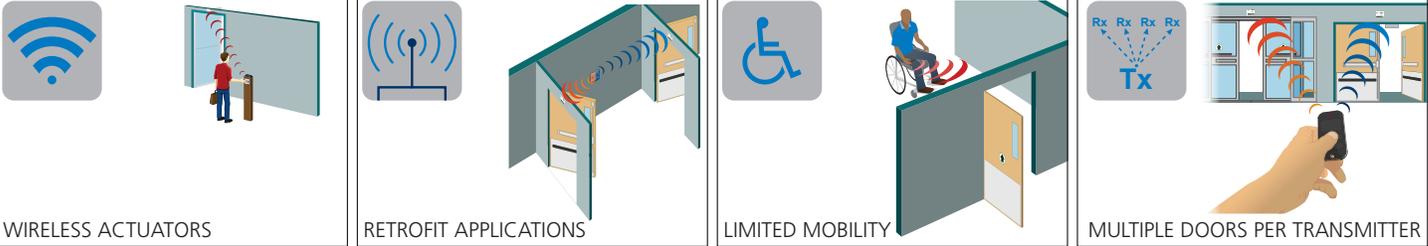


A HALMA COMPANY

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Technical Support: 800.407.4545
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APPLICATIONS



TECHNICAL SPECIFICATIONS

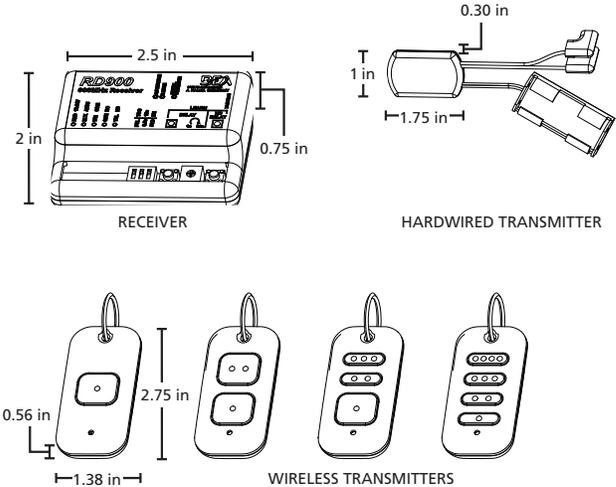
900 MHz Wireless Receiver

Frequency Range	908 – 918 MHz
Channels	3 channels, frequency hopping
Digital Modulation	Frequency Shift Key
Data Rate	Programmable
Capacity	74 transmitters
LEDs	2, learn and activation
Sync Management	1 LED, range finding signal strength smart LED
Norm Conformance	FCC Part 15, IC
RF Antenna	1/2 wavelength external RF antenna
Receiver Power	12 - 24 V AC/DC
Contact Relays	1 relay
Maximum Output Power	24 VDC @ 1 amp
Maximum Switch Power	120 VAC @ 0.5 A 60 VDC @ 0.3 A
Dip Switches	3 dip switches
Behavior Settings	Learn, Delay, Activation, Hold time
Potentiometer	0 to 30 second delay
Dimensions	
RD900	2.50 in x 2.00 in x 0.75 in

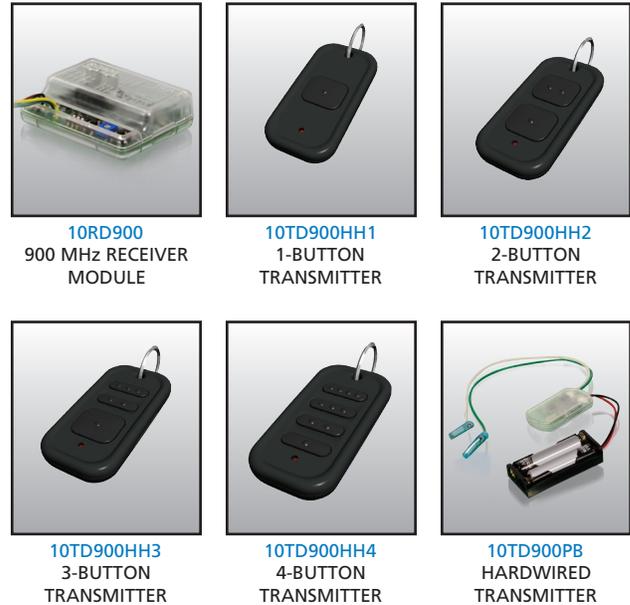
900 MHz Wireless Transmitters

Frequency Range	908 – 918 MHz
Channels	3 channels, frequency hopping
Activation Buttons	Hardwired: 1 Wireless: 1, 2, 3, or 4
Range	Hardwired: <i>Signal strength may vary per application. Contact technical services for more information.</i> Wireless: < 500 feet – Open Air
Power	Hardwired: 2 AAA batteries @ 3 VDC Wireless: 1 Lithium Ion coin battery @ 3 VDC
LEDs	1, transmission and low battery
Battery Life	300,000 activations
Norm Conformance	FCC Part 15, IC
Operating Temperature	14° to 131° F
Dimensions	
TD900HHX	2.75 in x 1.38 in x 0.56 in
TD900PB	1.75 in x 1.00 in x 0.30 in

DIMENSIONAL DRAWINGS



PRODUCT FAMILY



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