

2400 MHz Keyfob Remote Control Transmitter

The remote control transmitters in the KTX24SS Series are a cost effective solution to wireless remote control system design and implementation. The transmitter's ID code is preprogrammed at the factory to one of more than 4 billion possible codes, providing a very high degree of security. Spread spectrum technology enables this product to be used in high EMI applications, i.e. near electric motors with brushes, and these remotes will not interfere with wifi systems.

Power is supplied by a widely available coin cell battery (included). Available in up to 3 buttons. Use with RCR24SS Series receivers. These receivers can learn up to 60 different transmitter ID codes.

For applications needing more than 3 buttons, see Applied Wireless' KTX24SSA Series transmitters.

KTX Keyfob Style



KTXW Handheld Style

Features

- Compatible with Applied Wireless RCR24SS Series Receivers
- 1, 2, and 3-Button Versions Available
- Momentary, Latched or Toggle Mode Operation¹
- Long Range – 500 ft. and More²
- Highly Secure – More than 4 Billion Unique Transmitter ID Codes
- Four Case Styles: 2 Keyfob Types, Handheld and Outdoor NEMA Box
- Great for High EMI Applications
- FCC Certified
- Battery Included

Typical Applications

- Industrial ON/OFF Applications
- Motor Control
- Solenoid Control
- Lighting Control
- Access Control
- Keyless Entry
- PLC Activation
- Other Wireless Relay or Contactor Applications

Specification / Model	KTX24SSx	KTXW24SS3	KTXW24SS6-x	NTX24SSx
Frequency (MHz)	2400-2483	2400-2483	2400-2483	2400-2483
Matching Receiver	RCR24SS-3R	RCR24SS-3R	RCR24SS-3R	RCR24SS-3R
Size (Inches)	2.4 x 1.45 x 0.5	2.6 x 1.91 x 0.7	3.4 x 2.6 x 1.0	4.6 x 3.2 x 3.4
Case Type	Keyfob	Keyfob, Watertight	Handheld, Watertight	NEMA Wall Mount
No. of Buttons	1, 2, or 3	3	1 or 2	1 or 2
Temperature Range (Deg C)	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Battery	2032 Coin Cell	2032 Coin Cell	CR123	2032 Coin Cell

X=Number of buttons

FCC ID: UYI24

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

¹ Mode is set at the receiver. "Momentary" mode is factory default.

² Unobstructed line of sight range when used with Applied Wireless RCR24SS Series Remote Control Receiver and its included quarter-wave whip antenna. Longer range can be achieved with higher gain antennas. See RCR24SS data sheet for optional antennas.

Learn Mode Instructions

The receiver will learn up to 60 transmitter IDs.

To learn a transmitter:

1. Power up the receiver.
2. Momentarily press the learn button; the light LEARN light will go on.
3. Press any button on the transmitter until the LEARN light goes out.
4. To learn another transmitter, repeat the process.

Codes cannot be deleted individually. The entire list of learned codes can be cleared by pressing and holding the LEARN switch for at least 10 seconds and then releasing it. The LEARN light will flash on and off for a few seconds to indicate the entire list of learned transmitters is empty.

Application Note: The number of buttons on the KTX transmitter determines which relay) of the receiver responds to each button, as illustrated below:

Transmitter Type	Transmitter Button Number	Corresponding Relay of RCR Receiver
Single Button KTX	1	Relay #2
Two-Button KTX	1	Relay #1
	2	Relay #3
Three-Button KTX	1	Relay #1
	2	Relay #2
	3	Relay #3



KTXW Handheld Style



KTX Keyfob Style



NTX NEMA 4X Wall Mount Style