

**433 MHz  
Remote Control Transmitters**

The remote control transmitters in the KTX C Series are FCC Part 15 certified which allows for a quick and 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 16 million possible codes, providing a very high degree of security. The KTXC Series transmitters incorporate a SAW resonator to ensure excellent frequency stability. Power is supplied by a widely available 12-volt alkaline battery (included).



**Features**

- Compatible with Applied Wireless RCRC-3R Series Code Learning Receivers
- Long Range – 300 to 600 ft<sup>1</sup>
- Highly Secure – More than 16 Million Unique Transmitter ID Codes
- Rugged ABS Case
- 1, 2, and 3-Button Versions Available
- FCC Certified
- Battery Included

**Typical Applications**

- Industrial ON/OFF Applications
- Motor Control
- Solenoid Control
- Lighting Control
- Access Control
- Keyless Entry
- PLC Activation

Specification / Model	KTX433Cx	KTXW433C3
Frequency (MHz)	433.92	433.92
Matching Receiver	RCR433C3R, RCR433C6R	RCR433C3R, RCR433C6R
Size (Inches)	2.41 x 1.45 x 0.53	
Case Type	Keyfob	Keyfob, Watertight
No. of Buttons, x=	1, 2, or 3	3
Temperature Range (C.)	-20 to +60	-20 to +60
Battery	12 VDC Alkaline, 23A	12 VDC Alkaline, 23A

FCC ID: QY4KTX433

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.

**Transmitter Code Learning**

The receiver will learn up to 4 transmitters<sup>2</sup>. To learn a transmitter: (1) Power up the receiver, (2) Remove the antenna, and (3) Momentarily press the LEARN button. The LEARN LED will illuminate. (4) Press a button on the transmitter. When the LEARN LED turns off, the transmitter has been learned. To learn another transmitter, repeat steps 3 and 4. If a fifth transmitter is learned, the first (oldest) learned transmitter is deleted. Similarly, if the Learning procedure is performed four times with the *same transmitter*, all previously learned transmitters will be deleted.

**Application Note:** The number of buttons on the KTX transmitter determines which relay) of the RCRC-3R (or RCRC-6R\*) receiver responds to each button, as illustrated below:

Transmitter Type	Transmitter Button Number	Corresponding Relay of RCRC- 3R (orRCRC-6R*) 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

<sup>1</sup> Unobstructed line of sight range is typically 300-400 feet when used with Applied Wireless RCRC3R Series Remote Control Receiver and its included quarter-wave whip antenna. Optional Dipole receiver antennas are available for increased reception range.

<sup>2</sup> For applications requiring more than 4 transmitters, the transmitters can be ordered with all the same address code.

Specifications subject to change without notice or obligation.