

## PESImplex Multi-Button Key tag Transmitter (PTX2/PTX4) User Manual

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The PTX2 & PTX4 series of transmitters are designed to work with the PESImplex PTX-433 Receiver module. These are battery operated low powered hand held transmitters. The PTX2 & PTX4 transmissions are encrypted to ensure the highest level of security. Each transmission will emit a unique code to prevent code grabber devices from operating. These technologies will prevent an unauthorized person to gain access to restricted areas. All codes are electronically programmed by the factory and ensured to be unique.

### Operating Instructions:

1. Press the desired button for at least one second to activate the transmitter. A red LED indicator will flash as the codes are getting transmitted. Press and holding the button for more than 3 seconds will stop the transmission; this reduces the unintentional transmissions and preserves the battery life.
2. If the red LED indicator does not light up when you press any one of the button, replace the battery (3V Lithium Ion battery – CR2032).

***Note: Radio frequency controls provide reliable and convenient means to remotely control devices. However, there are some limitations. A receiver can only respond to one transmission signal at a time and may be blocked by radio signals operating on the same center frequency.***

## Replacing the battery:



1. Carefully open the plastic case with a screwdriver from the key ring corner.
2. Once opened, take the circuit board out and push out the coin shaped battery and replace it with a new CR2032 (3V Lithium Ion) battery.
3. Make sure not to install the batteries backwards.
4. Put the circuit board back into the key bay and snap the front and back covers.
5. Test the transmitter and look for the red light to flash when a button is pressed.

**Warning:** Changes or modifications not expressly approved by Penguin Engineering Systems Inc. could void the user's authority to operate the equipment.

### INFORMATION TO THE USER

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**NOTE:** 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.