



X-LRT Operator's Manual

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COMPANY PROPRIETARY

Long Range Transmitter for up to Ten (10) Explotrain X-0 Series Simulators
800+m Range
Water Resistant Housing
Uses Four AA Batteries

Model X-LRT Overview

The Model X-LRT Long Range Transmitter will provide remote interfacing with up to ten X-0 Simulator(s) at distances of 800 meters or more.



FIGURE 1

- | | |
|---------------------|-----------------|
| 1. X-0 ID LED's | 4. POWER LED |
| 2. FIRING LED | 5. Keypad |
| 3. External Antenna | 6. POWER Switch |

Each X-0 ID LED indicates the status of the X-0 Simulator with that Unit ID. To set an X-0 Simulator's Unit ID please see the Simulator's Operator's Manual.

The FIRING LED indicates the sending and confirmation of a FIRE command from the X-LRT.

The POWER LED indicates battery status of the X-LRT while the X-LRT is ON.

The Keypad is used to send commands to the individual X-0 Simulators.

The POWER Switch is used to turn the X-LRT ON and OFF.



X-LRT Operation

1. With X-0 Unit(s) on, press the POWER Switch to turn on the X-LRT (POWER LED illuminates).
2. When the unit first powers up, all ten X-0 ID LEDs will briefly flash red, then illuminate green for about 7 seconds, and then begin scanning. The Battery Power LED will illuminate green to indicate adequate battery power remaining or **RED to indicate a Low Battery condition**.
3. The X-0 ID LEDs will turn off if no communications are established with any X-0 ID. If the X-LRT establishes communications with an X-0 then that particular X-0 ID LED will remain green.
4. To Arm an X-0 Unit, momentarily press the corresponding key on the Keypad, i.e. to Arm X-0 Unit #4, briefly press #4 on the Keypad. Once the X-LRT confirms that a particular X-0 Unit is Armed, the corresponding X-0 ID LED will illuminate red and remain red as long as the X-LRT is in communication with that X-0 Unit.
5. To Disarm an X-0 Unit, momentarily press the corresponding key on the Keypad, i.e. to Disarm X-0 Unit #4, briefly press #4 on the Keypad. Once the X-LRT confirms that a particular X-0 Unit is Disarmed, the corresponding X-0 ID LED will illuminate green and remain green as long as the X-LRT is in communication with that X-0 Unit.
6. To Fire a particular X-0 Unit, first Arm the unit then press the corresponding key on the Keypad for approximately one second, e.g. to Fire X-0 Unit #4, press and hold #4 on the Keypad. Once the X-LRT sends a Fire Signal, the FIRING LED briefly illuminates red. When the X-LRT confirms that the X-0 Unit has acknowledged the Fire Command, the FIRING LED will illuminate green.
7. To Disarm **ALL** X-0 Units press the * Key on the Keypad.
8. To Fire **ALL** Armed X-0 Units press the # Key on the Keypad.
9. To Power Off the X-LRT, press the Power Switch.

Note: If the Battery Power LED is blinking, there is a problem with the software of the X-LRT. Please contact us at (850) 862-5344.

Changing Batteries

Remove the battery compartment cover on the back of the X-LRT by first removing the two screws. Remove and replace the AA batteries. Replace the batteries with new AA batteries. Rechargeable AA batteries can be used if desired. Replace the battery cover and screws taking care to make sure the O-ring seal remains clean to maintain water resistance. New batteries should provide eight hours of operation at a minimum.

Changing X-LRT Channel

In the event that two X-LRTs are used in close proximity they should be set to different Channels to prevent interference with one another. X-LRT transmitters purchased prior to October 2020 are capable of 3 separate channels - **A, B, or C**. X-LRT transmitters purchased after October 2020 are capable of 12 channels - **1 thru C**. All X-LRT transmitters are shipped from the factory on Channel **A**. Channels may be changed as follows:

1. Ensure Power Switch is in the **OFF** position.
2. The cover screw access holes are located on the back of the X-LRT under each corner of the red rubber seal. Remove all four screws and then holding the X-LRT with the front label facing to the right, separate the gray enclosure at the red seal.
3. With X-LRT Powered Off, set the Selector Switch **B** to position **F**.
4. Set Selector Switch **A** to selected channel: **1 thru C** (for newer X-LRT's) **or A, B, or C** (for older X-LRT's). Factory default is channel **A**.
5. Turn Unit ON and wait until LED D6 on circuit board stops blinking. On the newer units, the LED will blink the number of times as the channel it is set for as a visual confirmation of the channel. On the older units the LED will blink rapidly for about 5 seconds and stop.
6. Turn Unit OFF and return Selector Switches **A** and **B** back to **0**. Both switches should **always** be set to 0.
7. **The X-LRT will now only communicate with Receivers on its Channel.**





**Thank you for purchasing your
X-LRT Long Range Transmitter.**

**We at Explotrain, LLC truly
appreciate your business.**

**If you have any questions or comments on
this, or any of our products, please let us know.**

**Phone: (850) 862-5344
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