



X-LRRB Operator's Manual

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COMPANY PROPRIETARY

The Explotrain X-LRRB Long Range Receiver Box includes a receiver compatible with the X-LRT Long Range Transmitter and X-MIT Multiple Input Transmitter for operating the XP Series Simulators.

X-LRRB Control Box

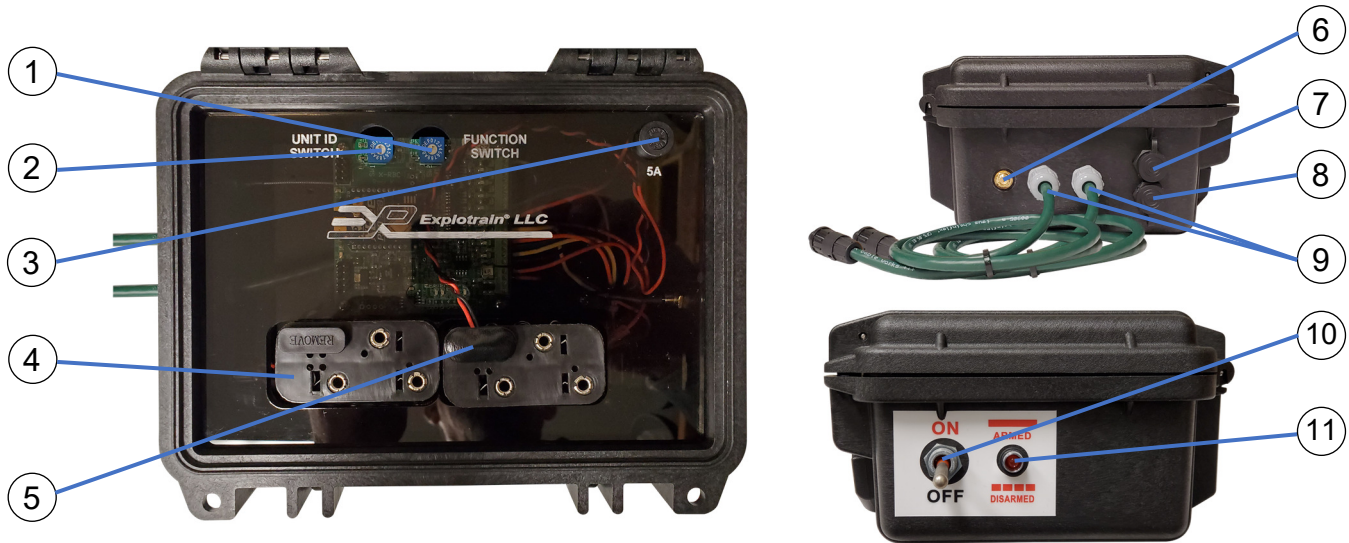


FIGURE 1

- | | |
|----------------------|--------------------------|
| 1. Function Switch | 7. Input Plug |
| 2. Unit ID Switch | 8. Accessory Output Plug |
| 3. 5 Amp Fuse | 9. XP Output Cable(s) |
| 4. Battery Pack | 10. Mode Switch |
| 5. Battery Connector | 11. Armed LED |
| 6. Antenna Connector | |

Installation of AA Batteries

The X-LRRB Control Box uses eight AA Batteries for its 12V DC power supply.

1. Place the Batteries in the Pack and insert into Control Box as shown.
2. Ensure the Mode Switch (#10, Figure 1) is in the OFF position and connect the Battery Connector to the Battery Pack as shown.
3. The second Battery Pack is available to use as a spare power supply.
4. To change to the second Battery Pack, ensure the Mode Switch is in the OFF position and simply attach the Battery Connector to the second Battery Pack.



Using the X-LRRB Long-Range Receiver Box with the XP-357 and XP-870 Pneumatic Simulators

CAUTION: Ensure the Mode Switch (#10, Figure 1) is OFF before attempting to connect batteries.

To use with the XP-870 Pneumatic Simulator

1. Connect a green XP Output Cable (#9, Figure 1) from the X-LRRB Control Box to the 2-pin connector on the standard XP-870 configuration (#2, Figure 2) or to the 2-pin connector on top of the housing (#3, Figure 3) if you are using the Armored Housing configuration. Twist the knurled shell to lock into position.
2. With X-LRRB Control Box Mode Switch (#10, Figure 1) in the OFF position connect battery pack as show in Figure 1.
3. Fill the XP-870 through the Air Fill Valve (#1, Figure 2 or #4, Figure 3) as described on Page 4 in the XP-870 Operator's Manual.
4. Set the X-LRRB Control Box to the desired Unit ID position (#2, Figure 1). Note: The Function Switch position controls the length of the firing pulse and is set to 2 at the factory.
5. Flip Mode Switch to the ON position. The Arm/Disarm LED (#11, Figure 1) will blink slowly to indicate it is DISARMED. Note: When the unit in the ARMED mode, the LED will stay on.
6. Turn on the X-MIT or X-LRT long range transmitter (refer to appropriate Operator's Manual).
7. The X-MIT or X-LRT will scan and lock onto the appropriate X-LRRB Unit ID.
8. Operate the X-MIT or X-LRT transmitter as described in the appropriate Operator's Manual to ARM and FIRE the XP-357 or XP-870.

To use with the XP-357 Pneumatic Simulator

1. Connect a green XP Output Cable (#9, Figure 1) from the X-LRRB Control Box to the 2-pin connector installed on the valve solenoid on the XP-357 (#5, Figure 4).
2. With X-LRRB Control Box Mode Switch in the OFF position connect battery pack as show in Figure 1.
3. Fill the XP-357 through the Air Fill Valve (#6, Figure 4) as described on Page 2 in the XP-357 Operator's Manual.
4. Continue with steps 4-8 above to ARM and FIRE the XP-357.

XP-870 Connections



FIGURE 2

1. Air Fill Valve

2. 2-pin Connector

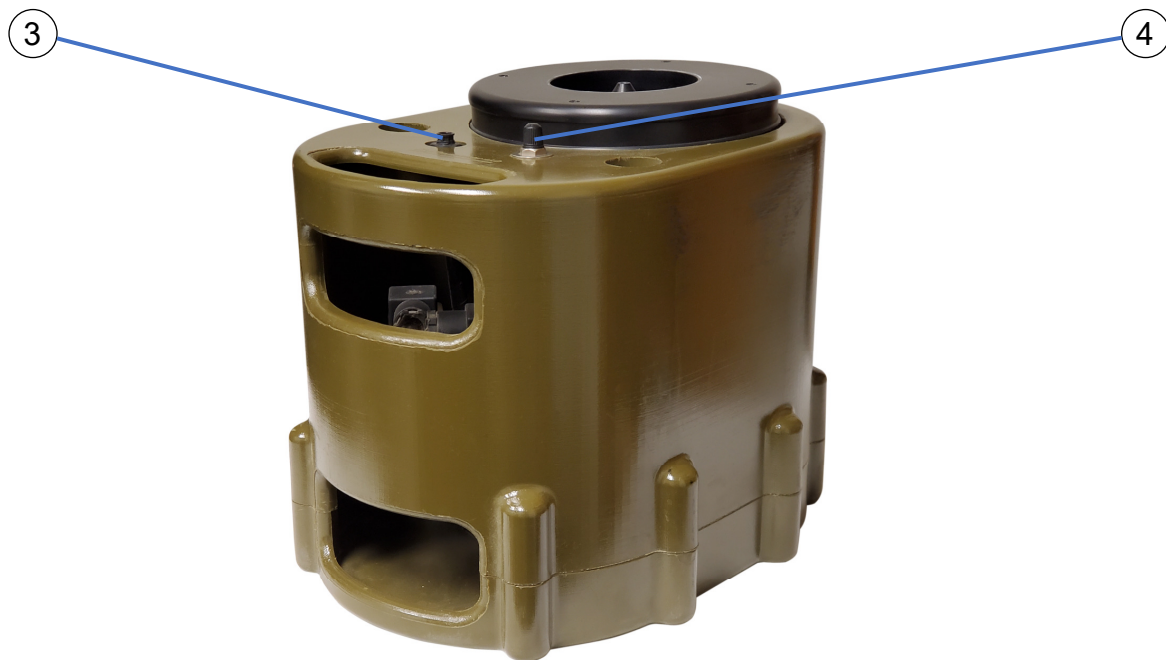


FIGURE 3

3. 2-pin Connector

4. Air Fill Valve

XP-357 Connections

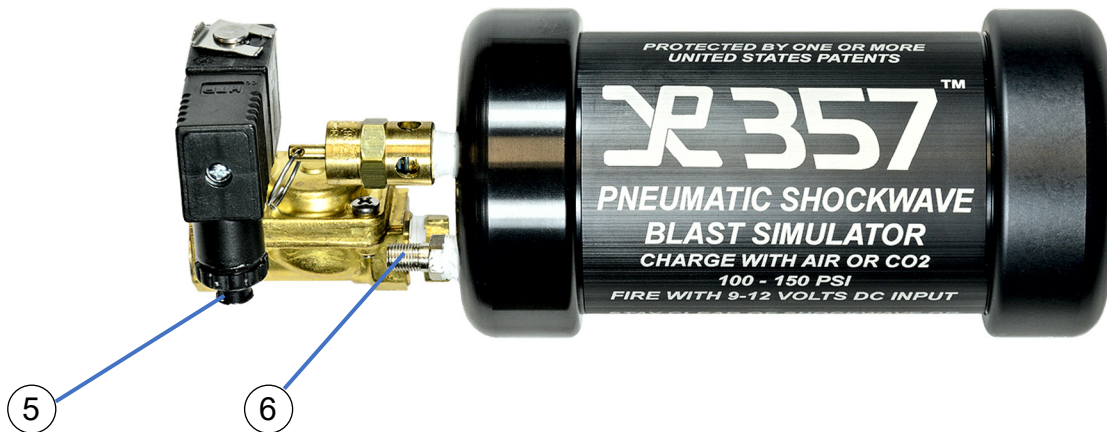


FIGURE 4

5. 2-pin Connector

6. Air Fill Valve