

TRIGGER MASTER QUICKSTART

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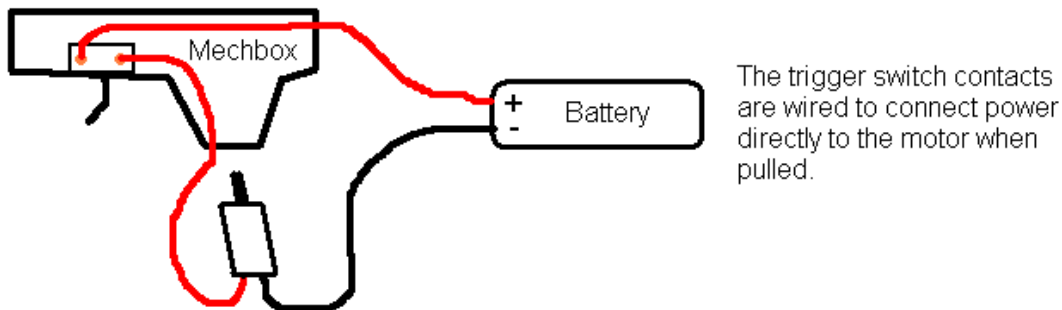
Congratulations on your new digital fire control computer! This unit will change the way you use and look at your electric gun. With this short document, you will know all you need to install and use your new **Trigger Master** unit!

HOW TO INSTALL

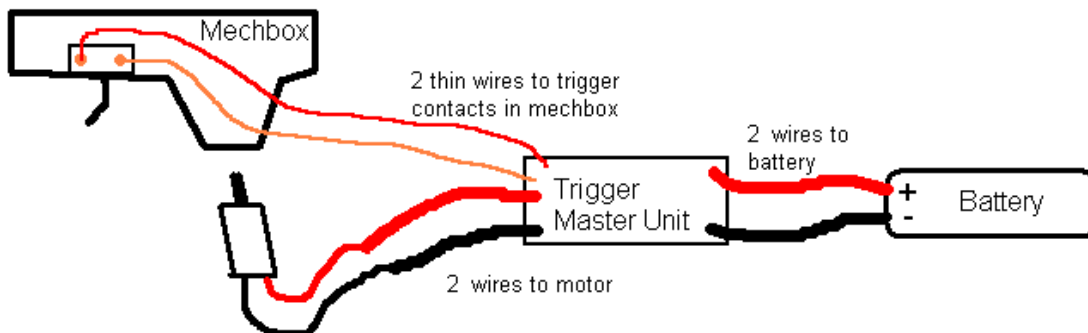
To install your **Trigger Master** unit, you will need to know how to take apart your AEG and how to modify some wiring.

The **Trigger Master** has wires coming out of it. One pair goes to the battery, one pair goes to the motor, and one pair is for the trigger contacts.

This is how a **normal AEG** is wired:



This is how the **Trigger Master** must be wired:



Be sure to match red to red and black to black for all motor and battery connections! (The trigger wires are an exception - it doesn't matter which trigger wire goes to which trigger contact.)

Wiring Notes:

The wires to and from the **Trigger Master** are already **twisted** in pairs. (Diagrams do not show the wires twisted to make it easier to see what wires go where.)

Try to leave as much of the **twist** in the wires as possible when you install, especially closest to the

Trigger Master itself. The more twist is left in the wires, the better! (Twisting helps prevent electrical noise and voltage spikes due to the large currents used by the motor.)

All of the wires on the **Trigger Master** unit are more than long enough to accommodate any wiring layout you desire, and any custom battery wiring you may have.

*Optional heat-shrink tubing is included in the **Trigger Master** package for your use in making any wiring modifications to your AEG.*

HOW TO USE

YOU MUST TRAIN YOUR GUN WHEN POWERING UP FOR THE FIRST TIME.

1. After connecting a battery, hold the grip of the gun (where the motor is) and in a few seconds you will feel a short vibration, then a longer one. This means that the computer's self-check is complete and you can go to step two.

2. Now train your gun by shooting 5 single shots, one after another, in semi-auto. The gun is now trained and timed properly for your battery, gears, and motor. (You should do this every time you power up your gun to keep the training "topped up".)

3. You can now fire in:

Semi-auto (selector on "Semi")

3-Round Burst (selector on "Auto")

Full Auto (keep trigger down after firing a 3-round burst to begin firing in full-auto)

4. When the battery is low, you will feel the motor vibrate briefly through the grip after shooting. You should replace the battery as soon as possible when this happens. If the battery voltage drops too low, the gun will not fire.

CARE AND MAINTENANCE

- Leave your finger off the trigger while connecting the battery, or the **Trigger Master** will be confused and report an error. (To fix this, disconnect then reconnect the battery.)
- Disconnect the battery when the gun is in storage. (The **Trigger Master** operates while the battery is connected and will slowly drain the battery if left connected for a long period of time.)
- For best results, use the highest-quality battery packs you can. The **Trigger Master** is optimized to get the most out of your batteries, and using the best batteries will ensure the best results.
- Try to use the same battery packs with the same gun. The **Trigger Master** uses a highly accurate method of timing for the 3-round bursts, but switching to a much higher or lower voltage/capacity battery can cause timing errors to occur, resulting in 4-shots bursts for example. (To reset the Trigger Master and teach it a new battery pack, do a TOTAL RESET as described in the support section below.)
- 90% of problems can be traced to a low battery. Strange problems? Charge your battery and try again!

SUPPORT AND TECHNICAL INFO

For advanced configuration, diagnostics, and documentation please visit unconventional-airsoft.com and download the full documentation for the Trigger Master!