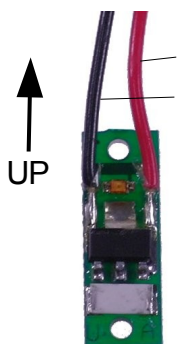


# LED Tracer Unit

## Quickstart Manual



Red = To battery +  
Black = To battery -

7-13 Volts input

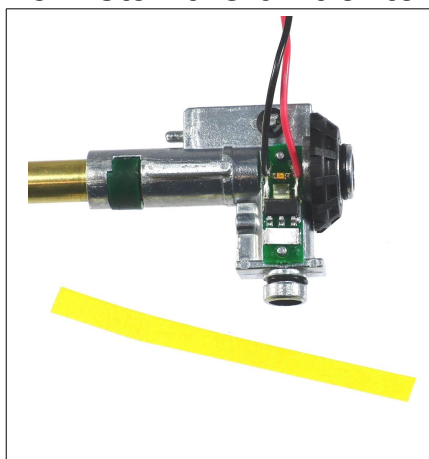
This device is made to fit onto the Madbull Ultimate Hopup Unit.

The Tracer Unit is a small device that will charge tracer BBs while they are in the gun's chamber. It must be connected to the gun's battery in order to work.

When charged BBs are fired, they will be glowing and create a "tracer" effect. It only works with tracer BBs.

The unit uses UV radiation to charge the BBs.

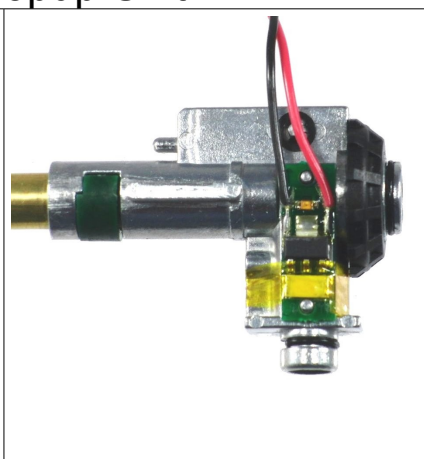
### To install the unit onto the Madbull Ultimate Hopup Unit:



Place the unit over the slot as shown. *Ensure the unit and the hopup body is clean and free from oil, lint, and grease.*



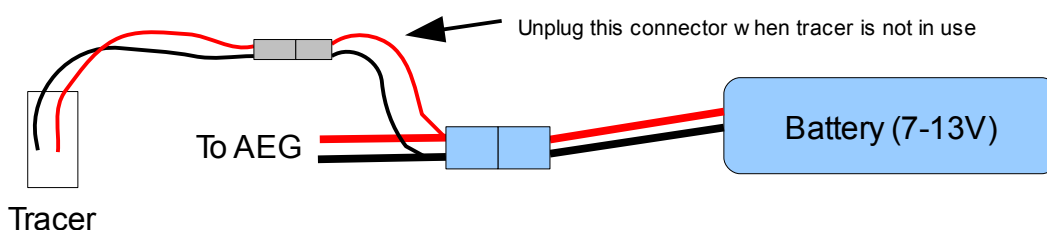
Use the special tape provided to secure the unit. (Make sure to put the tape under the lip of the hop-up dial.) The tape will hold the unit in place.



The tape is heat and stretch resistant, and leaves no residue.

You can use glue instead to bond the unit, if you wish.

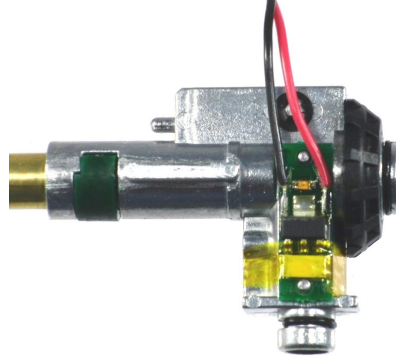
Power for the tracer comes from the AEG battery. Splice into the "battery in" connection of the AEG. An optional connector is provided. **You can also use an external 9V battery instead of tapping into the AEG power.** A common 9V alkaline battery will power the unit for at least 4-6 hours.



- Installation requires modification of wiring, consult a gun tech if in doubt.
- The unit should be unplugged from the gun's battery when not in use. Otherwise it will continue to use power.
- The unit may get warm during use, this is normal and will not harm anything.
- For best results, fire in short bursts (3-5 shots) to ensure the BBs have time to charge up. (Guns with very high rates of fire might not "keep up" in extended fullauto.)

# Hop-up LED Tracer Unit

*(\* metal one-piece hopup not included)*



- LED tracer unit
- Power connector
- Heatshrink
- Instructions
- Accepts 7-13V input