

Heli-Max™



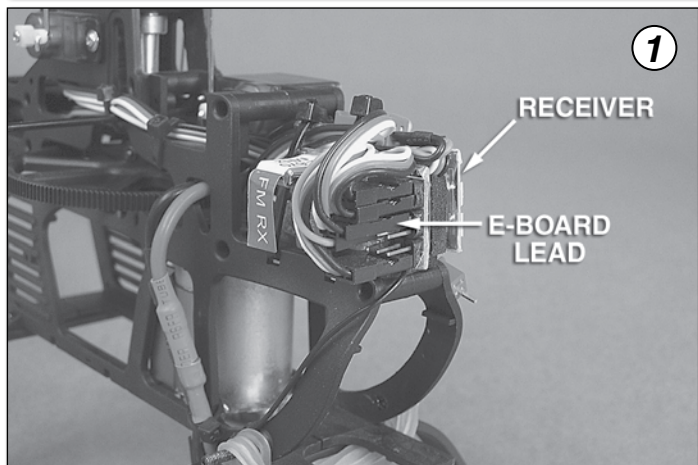
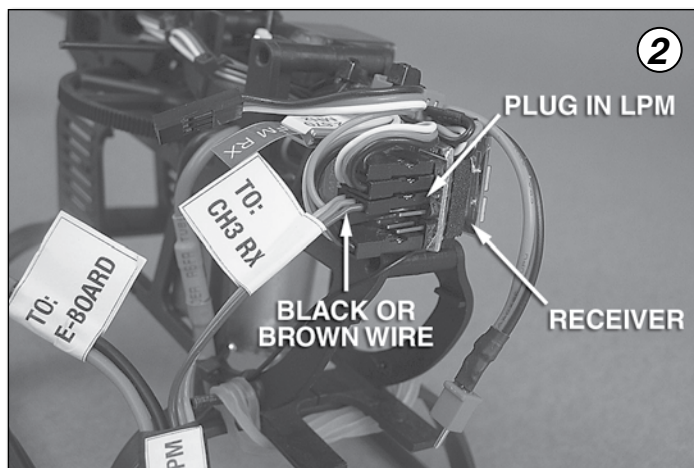
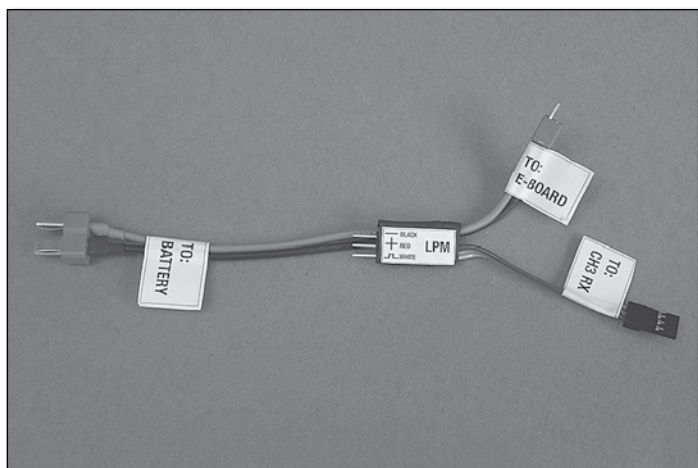
LiPo Protection Module (LPM)

IMPORTANT: Must be installed before flying your AXE CP-L.

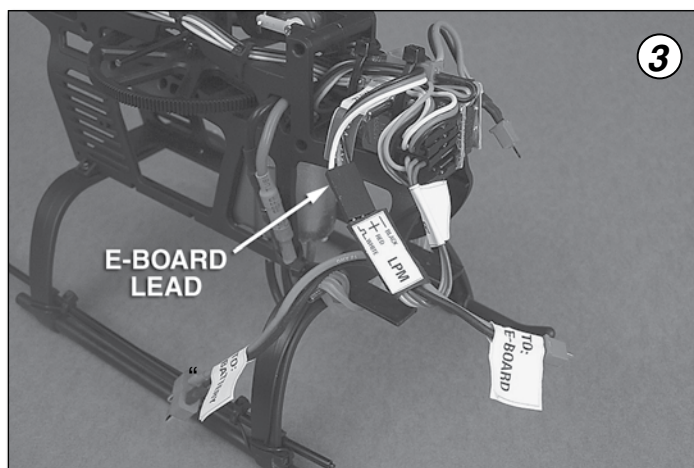
The LiPo Protection Module (LPM) helps to extend the life and performance of your flight battery. Once the flight battery has been discharged, the LPM will slowly reduce the throttle, letting you know that it is time to land.

Over-discharging your LiPo flight battery (even once) will decrease the capacity and overall performance, and could potentially cause a fire. Using this LiPo Protection Module will help prevent accidentally discharging your battery too far.

The LPM unit **MUST** be installed before flying your AXE CP-L. Installation of the LPM will not reduce your flight time. The LPM simply protects the battery from being over-discharged. The LPM unit will provide the best life span for your LiPo battery and increase your safety.

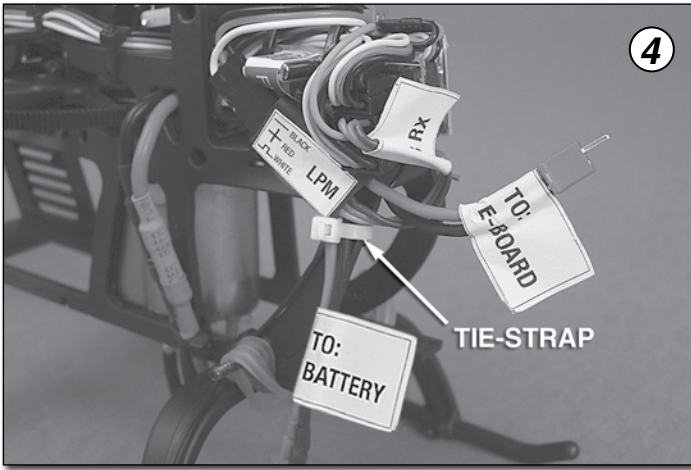


2. Plug the LPM lead labeled "To CH3 RX" into the 3rd slot down from the top of the receiver. The black or brown wire on this connector must be toward the front of the helicopter.

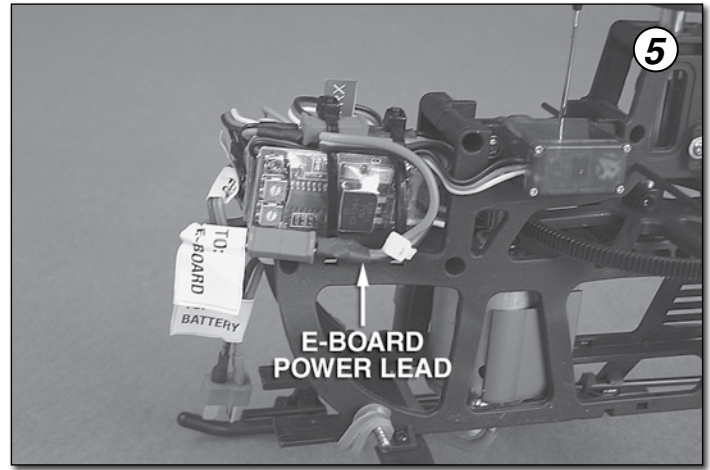


1. Unplug the E-Board lead connector located in the 3rd slot down from the top of the receiver.

3. Plug the E-Board connector that was unplugged in Step 1 into the LPM, making sure that the E-Board connector wire colors match the label on the LPM (LPM "-" to Black, LPM "+" to Red, LPM "L" to White).



4. Place the LPM under the receiver. Use a tie strap supplied to secure the “To Battery” lead from the LPM to the main frame as shown. Cut the excess tie strap using a pair of diagonal cutters or scissors.



5. Connect the LPM lead labeled “To E-Board” to the E-Board power lead. Use a tie strap to attach the E-Board power lead as shown. Remove the excess tie strap using diagonal cutters or scissors.

6. Please take a moment to verify that the polarity of all connections are correct and review the steps above to ensure everything is connected properly.

The LiPo Protection Module does not require any additional setup before use. Your Axe CP-L is now ready to fly. Toward the end of the flight you will notice a reduction in power. This reduction in power is the first warning that the flight battery is almost fully discharged. Bring the model into a hover and land the model as soon as possible. It is best to land immediately if you notice a reduction in the power. If you continue to fly, the throttle will be slowly reduced until the model will no longer fly. If the battery voltages drop below a safe level, the drive motor will no longer operate. This prevents the flight battery from being damaged.

It is not necessary to fully discharge a LiPo battery before recharging. In fact, over-discharging a LiPo can dramatically decrease its useful life. Unlike NiCds and NiMHs, LiPos do not form a “memory” if only partially discharged. DO allow a LiPo battery to cool for at least 10 minutes before recharging -- and if storing it for longer than 2 weeks, make sure the battery contains a minimum of 50% charge.

LiPo batteries provide a power to weight ratio that far surpasses all other battery technologies available today. With proper cautions, LiPo batteries can be used safely and will last a very long time.

We hope you enjoy flying your Axe CP-L.

If additional assistance is required for any reason contact Product Support:
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 (217) 398-8970