

Heli-Max™

Technical Notice



AXE™
CP v3



The pre-installed LiPo Protection Module (LPM) in your Axe CP v3 helps to extend the life and performance of your flight battery. Once the flight battery has been discharged, the LPM will reduce the throttle, letting you know that it is time to land immediately.

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 LiPo Protection Module does not require any additional setup before use. Toward the end of the flight you will notice a reduction in power. This reduction in power is the 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 power. If you continue to fly, the throttle will be 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.

Replacement Tail Motor

Please note that the part number shown for the tail motor replacement within the Axe CP v3 manual is incorrect. Please use the following part number when ordering a replacement tail motor for the Heli-Max Axe CP v3. We apologize for this inconvenience.

HMXE9582 Tail Motor Axe CP v3 (No Pinion Gear)

Safe Start

The Heli-Max Axe CP v3 has a safe start feature built in that prevents the motor from activating unless the collective stick has been placed in its lowest position. In addition to this it may be necessary to place the throttle trim in the center position to arm the model.

We hope you enjoy flying your Axe CP v3.

If additional assistance is required for any reason contact
Product Support:
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