

### **Trickle Charge**

Once the batteries are fully charged, the charger will repeatedly beep for about 45 seconds, and the green light will flash. This will indicate that the battery is now on trickle charge. It will remain on trickle charge until you disconnect the pack from the charger.

### **Re-Peak**

To re-peak a battery, simply push the *Start* button without disconnecting the battery pack. The pack will re-peak and will once again go to trickle charge after it has re-peaked.

### **Safety Precautions**

Do not leave the battery and charger unattended while in use. When charging, constantly monitor the temperature of the battery pack. If the battery becomes hot to the touch, discontinue the charging operation immediately by disconnecting the battery pack. Do not allow children to charge battery packs unless they are supervised by a responsible adult. The charger can become hot during charging, so use care when selecting where you will charge the battery packs.

### **Warranty and Repair Policy**

The Summit™ is guaranteed against workmanship and manufacturing defects for a period of two years from the original date of purchase. This warranty is limited to the original purchaser of the charger and is not transferable. Warranty repair will not cover units that have been modified, misused, or serviced by an unauthorized service center.

If your charger needs to be repaired, ship the charger in its original box (freight prepaid) to:

Horizon Service Center  
Attn: E-flite Service Center  
4105 Fieldstone Rd. Champaign, IL 61822

Include your complete name and address information inside the carton, as well as clearly writing it on the outer label/return address area. Include a brief summary of the difficulty. Date your correspondence and be sure that your name and address appear on this enclosure. Also, please include a phone number where you can be reached during the business day.

To speak to a service technician, call (217) 355-9511

### **Warranty Repairs**

To receive warranty service, you must include your original sales receipt verifying the proof-of-purchase date. Providing that warranty conditions have been met, your charger will be repaired free of charge.

### **Non-Warranty Repairs**

Should your repair cost exceed 50% of the retail purchase cost, you will be provided with an estimate advising you of your options. Any return freight for non-warranty repairs will be billed to the customer. For non-warranty repairs, please advise us of the credit card that you prefer to use. Horizon Service Center accepts Visa or MasterCard. Include your card number and the expiration date. Horizon Service Center also accepts money orders.

# SUMMIT™

## DC 4–7 Cell Peak Predict Charger Instructions



**Eflite™**

Thank you for purchasing the E-Flite™ Summit™ Peak Prediction Charger. The Summit is DC-powered and will peak charge 4- to 7-cell (4.8-8.4V) Ni-Cd and Ni-MH battery packs. The Summit's smart charging technology will make certain that your batteries receive a perfect peak every time, with no danger of over-charging. The Summit has variable charge rates from 250 to 4500mA, making it ideal to charge slow flyer packs, airplane receiver packs, and sub-C packs for electric gliders.

### **Features and Specifications**

- Peak prediction circuitry
- 12V DC-powered
- Charges 4- to 7-cell packs
- Ni-Cd and Ni-MH compatible
- Banana plugs with alligator clips adapters
- Charge leads with Tamiya connector, universal receiver connector, and BEC connector
- Variable charge rates; 250mA–4500mA
- LED charge indicator
- Reverse polarity protection
- Push-button start
- Charge beeper

### **Supplying Power to the Summit**

The Summit is powered by connecting it to a 12V power source, such as a 12V sealed battery (HAN102), a 12V automobile battery (car must be not be running), or through your field box power panel.

### **DC Power**

Attach the red (positive) banana plug to the red (positive) terminal on your 12V battery or power panel. Next, attach the black (negative) banana plug to the black (negative) terminal. Alligator clip adapters are also provided if you choose to power your charger with a 12V hobby battery. Once your charger is powered up, it will "beep" once, and the LED will light green, then red, then the LED will go out.

### **Variable Charge Rates**

The Summit is equipped with variable charge rates from 250mAh to 4500mAh. Simply choose the charge rate you prefer by turning the dial. If you increase or decrease the charge rate while charging, the LED will flash red until it reaches the new desired setting. Once the charger has adapted to the new selected charge rate, it will begin to charge again and the LED will turn solid green.

### **Charging 6/7-Cell Slow Flyer Packs**

The Summit includes a BEC charge lead so that you can charge any 6/7-cell slow flyer pack that has a BEC (JST) connector. A Tamiya charge lead is also included.

#### **To charge the battery:**

- Hook up the end of the leads to the terminal of the charger, making sure to attach the red of the lead wire to the red charger hook-up. Next, attach the black lead wire to the black charger hook up.
- Connect the Summit to an appropriate DC power supply. The beeper will sound once and the LED will blink green, then red, then it will stop blinking.
- Plug the connector of the charge lead into the connector of the battery pack. The beeper will sound once, and the LED will flash green.
- Select the charge rate for your battery pack.

**Note:** To charge 250mAh or lower capacity battery packs, set the charge rate at 250mA. Higher capacity battery packs can be charged to a MAXIMUM charge rate of two times the rated capacity. (ex. 750mAh pack maximum charge rate is 1.5 amps or 1500mA.)

- Push the *Start* button on the charger faceplate
- Once the battery pack has peaked, the beeper will sound for about 45 seconds and the LED will flash green. The charger is now on trickle charge. The beeper will sound once every few minutes until the battery is disconnected.
- To re-peak the pack, simply push the *Start* button. This should be done without disconnecting the battery pack. The beeper will sound once and the pack will charge until it peaks. It will then return to trickle charge.

### **Charging 4/5 cell receiver packs**

The Summit includes a universal charge lead so that you can charge all major brands of receiver battery packs.

#### **To charge the battery:**

- Hook up the ends of the leads to the terminal of the charger, making sure to attach the red lead wire to the red charger hook up. Next, attach the black lead wire to the black charger hook up.
- Connect the Summit to an appropriate DC power supply. The beeper will sound once, and the LED will blink green, then red, then it will stop blinking.
- Plug the connector of the charge lead into the connector of the battery pack. The beeper will sound once, and the LED will flash green.
- Select the charge rate for your battery pack. The MAXIMUM charge rate is two times the rated capacity for batteries with a listed capacity of 600-1000mAh. Maximum charge rate for receiver batteries with a rated capacity higher than 1000mAh is 2.0 amps (2000mAh.)
- Push the *Start* button on the charger faceplate.
- Once the battery pack has peaked, the beeper will sound for about 45 seconds, and the LED will flash green. The charger is now on trickle charge. The beeper will sound once every few minutes until the battery is disconnected.
- To re-peak the pack, simply push the *Start* button. This should be done without disconnecting the battery pack. The beeper will sound once and the pack will charge until it peaks. It will then return to trickle charge.

### **Charging Sub-C packs**

The Summit includes a Tamiya connector charge lead so that you can charge sub-C packs that are required to launch electric gliders. Certain slow flyer packs also have a Tamiya connector on them. To charge the battery:

- Hook up the ends of the leads to the terminal of the charger, making sure that you attach the red lead wire to the red of the charger hook up. Next, attach the black of the lead wire to the black charger hook up.
- Connect the Summit to an appropriate DC power supply. The beeper will sound once and the LED will blink green, then red, then it will stop blinking.
- Plug the connector of the charge lead into the connector of the battery pack. The beeper will sound once, and the LED will flash green.
- Select the charge rate for your battery pack. If you are charging a 6/7-cell sub-C car pack, the charge rate should be 4 amps (4000mA.)
- Push the *Start* button on the charger faceplate.
- Once the battery pack has peaked, the beeper will sound for about 45 seconds and the LED will flash green. The charger is now on trickle charge. The beeper will sound once every few minutes until the battery is disconnected.
- To re-peak the pack, simply push the *Start* button. This should be done without disconnecting the battery pack. The beeper will sound once and the pack will charge until it peaks. It will then return to trickle charge.