

Fuses

Your charger is protected by both a 1 amp buss fuse and a 7.5 amp spade fuse. Replacements fuses can be purchased from your local hobby retailer or at automotive stores. ALWAYS replace a blown fuse with a new fuse of the same rating.

Warranty and Repair Policy

Team Associated aspires to bring you the highest level of quality and service in the market. Our products are tested and raced around the world with the sole purpose of delivering state-of-the-art performance for enthusiasts of all levels. To view Team Associated's most up to date product information, please visit www.reedypower.com, www.teamassociated.com or www.rc10.com. To purchase Team Associated/Reedy products and accessories, please visit your favorite retail outlet.

All Team Associated/Reedy products have been carefully inspected prior to shipment. However, your Reedy 447-S charger is warranted to the original purchaser for 90 days from the date of purchase against defects in material and workmanship. During this period, Team Associated will repair or replace, at our discretion, any defective components.

Equipment that has been mishandled, abused, improperly installed, or has been damaged due to other causes is not covered under warranty. Equipment that has been repaired or modified by an unauthorized person or agency is also void of warranty.

This warranty is for the original product only. Associated Electrics, Inc. shall not be liable for any loss or damages, whether direct or indirect, incidental or consequential, or from any special situation, arising from the use, misuse, or abuse of this product. This limited warranty gives you specific rights. You may also have other rights, which vary from state to state.

Do not return the equipment to the point of purchase as they are not authorized to honor warranty claims or perform service. Be sure the charger is packed in a strong cardboard box with plenty of soft packaging material. We recommend using a shipper's tracking services. Team Associated is not responsible for any items lost in transit.

Please return the items to Associated Electrics Inc., attn: Service Department, and include the following:

1. Your full name, mailing address, telephone number, and email address.
2. A note, inside the box, describing in detail the problems you are having or the service you are requesting.
3. A copy of the original sales receipt showing the purchase date.

Once received, warranty service will be performed and items returned promptly. You will be notified by telephone when an item does not fall under the terms of the warranty and service charges are required.

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Lake Forest, CA 92630 USA
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REEDY 447-S

AC/DC 4-7 Cell Ni-MH/Ni-Cd Peak Prediction Fast Charger

#610



Introduction

Congratulations on your purchase of the Reedy 447-S AC/DC Peak Prediction Charger. Your new charger is simple to use and offers the ability to charge the most popular NiMH/NiCd battery types and configurations.

Your charger utilizes state-of-the-art peak prediction circuitry to protect your battery from damage due to overcharging. Standard peak detection circuitry continues charging even after the battery is fully charged which can damage your battery. Instead, your Reedy 447-S charger continuously monitors the battery's charge curve, calculates when the peak will occur, and stops charging at that point.

Advanced Trickle Charge mode automatically begins when the battery is completely charged. This pulse current charge function keeps the battery charged until it is ready for use and conditions the cells to insure maximum performance and longevity.

Features

- AC/DC power input
- Selectable charge rate of 1, 2, or 4 amps
- NiMH and NiCd compatible
- Charges 4-7 cell battery packs
- 8-bit microchip CPU controller
- LED and beeper charge status indicators
- Peak Prediction Circuitry
- Advanced Trickle Charge
- Fuse protection
- Tamiya-style connector
- Voltmeter jacks
- Receiver pack charge lead adapter

Powering the Charger

Your charger can be powered by plugging it into a standard 110V wall outlet or by using the provided alligator clips to connect the charger to a 12V DC power source such as a 12V DC power supply or an automobile battery. DO NOT use both an AC and DC power source at the same time.

To power the charger by using DC power, connect the red (positive) alligator clip to the red terminal of the DC power source and the black (negative) end of the alligator clips to the black terminal of the DC power source. If you choose to power the charger with an automobile battery, NEVER do so with the automobile running!

Charging 6/7-Cell NiCd/NiMH Car Packs

1. When connected to the power source, the charger will beep and the LED will flash once.
2. After connecting the battery pack to the charger, the charger will beep again. The LED will blink repeatedly until the charging process begins.
3. Select the charge rate based on the battery manufacturer's guidelines. Generally, batteries with a capacity of 2000mAh and above should be charged at 4 amps
4. Push the Start button to begin the charging process. The LED will light solid red and remain lit during the charging process.
5. When the battery is completely charged, the LED will flash and the beeper will sound for 30 seconds. If the battery is left connected for more than 30 seconds, the LED will continue to flash and the beeper will sound approximately every 90 seconds.
6. When the battery is completely charged, the charger automatically enters Advanced Trickle Charge mode.

Charging 4/5-Cell NiCd/NiMH Receiver Packs

1. When connected to the power source, the charger will beep and the LED will flash once.
2. After connecting the battery pack to the charger using the supplied receiver pack charge lead adapter, the charger will beep again. The LED will blink repeatedly until the charging process begins.

3. Select a charge rate of either 1 or 2 amps. We recommend charging batteries with a capacity of 1200mAh or lower at 1 amp. Higher capacity batteries can be charged at 2 amps. NEVER charge a receiver battery pack at 4 amps.
4. Push the Start button to begin the charging process. The LED will light solid red and remain lit during the charging process.
5. When the battery is completely charged, the LED will flash and the beeper will sound for 30 seconds. If the battery is left connected for more than 30 seconds, the LED will continue to flash and the beeper will sound approximately every 90 seconds.
6. When the battery is completely charged, the charger automatically enters Advanced Trickle Charge mode.

Advanced Trickle Charge

Once the batteries are fully charged, the charger will immediately enter Advanced Trickle Charge mode. This pulse trickle charge will condition the batteries, extend their life, and make certain that they are fully charged when you are ready to use them. You will know that the charger has entered Advanced Trickle Charge mode when the charger beeps and the LED flashes continuously. If you do not plan on using your battery within three hours, remove the battery from the charger.

Re-Peak

A battery that has entered Advanced Trickle Charge mode can be re-peaked by pushing the Start button without disconnecting the battery from the charger. Do not re-peak the battery more than once during a charging process.

Safety Precautions

1. Never leave the battery and charger unattended during use.
2. Never connect the charger to AC and DC power sources simultaneously.
3. The charger may become hot during charging. Keep the charger away from flammable materials or materials that may be adversely affected by heat.
4. Always allow the charger to cool between charges.
5. Never connect the charger to a 12V automobile battery while the vehicle's engine is running.
6. Always observe the battery manufacturer's charging instructions.
7. Do not allow children to operate the charger without adult supervision.
8. Do not operate the charger near water.
9. Always observe correct polarity when making connections to the power source or the battery being charged.
10. Only charge NiCd or NiMH batteries designed for R/C cars.

Your 447-S charger allows plug and play use with the following Reedy battery packs:

- 612 1600 Series 6.0V Hump Receiver Pack
- 613 1600 Series 6.0V Flat Receiver Pack
- 689 R-Power 1700mAh 7.2V
- 693 Wolfpack 2400mAh 7.2V
- 694 Wolfpack 3000mAh 7.2V
- 695 Wolfpack 3600mAh 7.2V
- 700 Wolfpack 4200mAh 7.2V