

#7024 FAST CHARGE LEADS

INSTRUCTIONS

DESIGNED FOR USE WITH 7.2 VOLT 1200MAHR NICAD BATTERY PACK

WARNING

Read instructions before attempting to charge battery packs with this charger, as improper charging procedure may result in damaging charger and or battery pack. Do not attempt to charge FLASH LIGHT, HEAVY DUTY or ALKALINE BATTERIES with this charger as fire or explosion may occur causing possible personal injury.

This charger is equipped with an output charge plug that mates with all TAMIYA 6 cell 7.2v type's battery packs. If you wish to wire your charger with another type of connector, make sure that the red wire is connected to the positive side and the black to the negative side as this charger has no fuse.

Note: It is highly recommended that you trickle charge your battery pack the first time for at least 12 to 18 hours and any time charging is required after a period of 15 days has lapsed from previous use. The reason for this procedure is that NICAD cells tend to self-discharge when not in use at an uneven rate within the battery pack. This self-discharging condition begins immediately after charging and continues until the battery cells are completely discharged. Thus the reason for slow charging is to insure a full charge in each cell within the pack. This also greatly reduces the possible occurrence of cell polarity reversal within the pack under high rate discharging conditions. That is when battery is in use.

In order to obtain maximum power and life from your battery packs the following procedure is recommended.

- (1) Discharge your battery pack before charging running your model to the point where it will no longer function properly.
- (2) Unplug battery from circuit of car, plane or boat.
- (3) Connect battery to charger.
- (4) Connect the PLUS (RED) SPRING CLIP to the positive side of a 12 volt DC power source, such as an automobile or motorcycle battery with a 5 ampere hour rating or more or an equivalent power supply and the BLACK end to the negative side of the same.

Note: If improperly connected, you may damage charger and or battery pack.

Note: If using car battery, do not use the Fast Charger with the automobile engine running. Also if a power source of less than 5 ampere hour rating is used, the charging time will have to be increased in order to obtain a full charge.

- (5) When all connections have been made correctly, the charging cycle has started,
- (6) DO NOT CHARGE BATTERY PACK FOR MORE THAN 15 MINUTES.

**** IMPORTANT INFORMATION ABOUT NICAD BATTERY PACKS ****

Do not allow your battery pack to overheat, get so hot that you can not touch the pack continuously for a period of at least 30 seconds. Heat is a NICADS' worst enemy. Cool battery give the best performance and hold their charge longer. When fast charging check your pack every 3 or 4 minutes for excessive heat built up. If pack starts to overheat, discontinue charging and let your pack cool down. Your pack may need to be trickle charged for 12 to 18 hours in order to equalize all cells. If this does not cure the problem, you may have a bad cell in your pack. In which case either replace cell or discard battery pack. Remember, overcharging causes battery packs to overheat, do not allow this to happen.

*****CAUTION*****

When charging from a 12 volt battery in an automobile, do not allow the battery pack or any portion of model or wiring of same to come in contact with metal parts of your car. This may cause a short circuit which could damage charger and automobile if left unattended. We recommend that you do not use the hood of your automobile as a work table unless properly protected and insulated.