

STOP! READ ME FIRST!

For all Nickel Metal Hydride Receiver Packs (RC5300 - RC5304)

The secret to charging Ni-MH cells is to keep them cool and not let them overheat when charging. Heat is the enemy of Ni-MH cells, so they need to be charged on high-quality chargers that let you adjust the peak detection point (Negative Delta Peak) like the Novak Millennium. Negative Delta Peak is the amount of time the charger keeps charging after the cells peak. On most chargers this is set high for Ni-Cds and must be reduced. Ni-Cd cells like to be over-charged to reach full peak, but Ni-MH cells DO NOT. They heat up very quickly as they peak and putting them into this "over-charged" state will cause them to vent. To prevent this,

we recommend charging at the following parameters:

Competition Electronics Turbo 30/35:

0.5A (amps) with the Negative Delta Peak set to 0.02V (volts)

Novak Millennium:

Follow Novak's instructions for Ni-MH cells

If your charger has no way of lowering the peak detection setting, we recommend charging at 0.5 amps and keeping a close watch on the temperature. Remember these cells will get hot when they peak.

Since Ni-MH cells have no discharge memory, there is no need to discharge them completely. Ni-MH cells must be stored with at least a 40% charge in them. Storing packs in a fully discharged state will deteriorate the performance over time.

All of our Ni-MH receiver packs come with a Futaba J style plug pre-installed. However you can easily convert the plug to work with most other radio systems such as Airtronics, KO, Kyosho, JR, Airtronics Z, and Hitec by following a few simple steps. You will first need to remove the red and black lead wires from the plastic housing by gently lifting up on the plastic tabs with an X-acto knife or small screwdriver. At the same time, lightly pull out on the lead wires to remove them from the plastic housing. For most brands (other than Futaba) you will now need to trim the flange off the side of the plastic housing as shown in Fig. 1. This can easily be done with an X-acto knife. Next simply reinstall the black and red lead wires into the correct slots for your brand of radio as shown in Fig. 2.

Please Note: It is **VERY IMPORTANT** that you install the red and black wires into the correct slots in the plug. You must also make sure that you plug the connector into your receiver in the proper direction. The red wire must line up with the positive (+) pin and the black wire must line up with the negative (-) pin. Please refer to the orientation of your servo or speed control connectors to be absolutely sure you are plugging the receiver pack connector in properly.

CAUTION! Improper installation of these wires may cause damage to the receiver, servo, and speed control.

Fig. 1

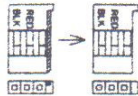


Fig. 2

