

GETTING STARTED

RT 08-01-07

NOTE:

Before you start running your new 1/18 Raminator, it is absolutely necessary that you read through all of the operating instructions to get the maximum enjoyment and prevent unnecessary damage.

Step 1



Plug the AC charger into the proper wall receptacle (110V). Plug the battery pack into the charger and let it charge for 3 hours for the first time. After running until the 1/18 Raminator slows noticeably recharge the battery pack for 5-6 hours for a full charge.

Step 2



Remove the transmitter battery cover by sliding the cover from left to right. Install eight (8) AA batteries into the battery holder. Pay close attention to the correct direction of the positive (+) and negative (-) ends as marked in the tray. Once all 8 batteries have been installed, reinstall the battery cover by sliding it on from right to left.

Step 3



Fig. 1



Fig. 2

Insert the antenna wire through the antenna mount and into the antenna tube (fig. 1) pushing it through until it comes out the other end. Push the antenna tube (fig. 2) into the antenna mount.

Step 4

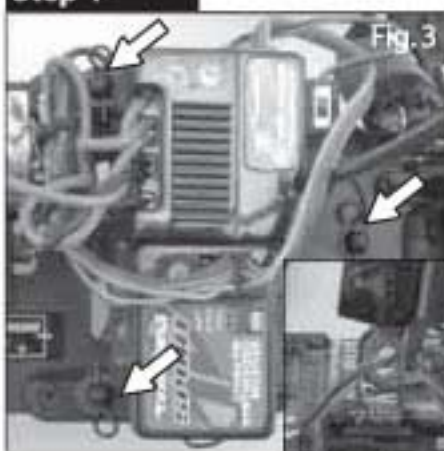


Fig. 3



Fig. 4



Fig. 5

Once the battery is charged, remove the 3 body clips from the battery posts (fig.3) and remove the battery door. Install the battery pack as shown (fig.4). Replace battery door, reinstall body clips and plug the battery into the speed controller plug. (fig.5)

Customer Support Contacts:

Horizon Hobby Inc.
4105 Fieldstone
Champaign, IL 61821
1-877-504-0233



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Step 5



Always turn on the transmitter first by sliding the switch on the left side of the wheel from left to right. The small red and green lights above the switch should both light up. If not you need to check for low or incorrectly installed batteries.

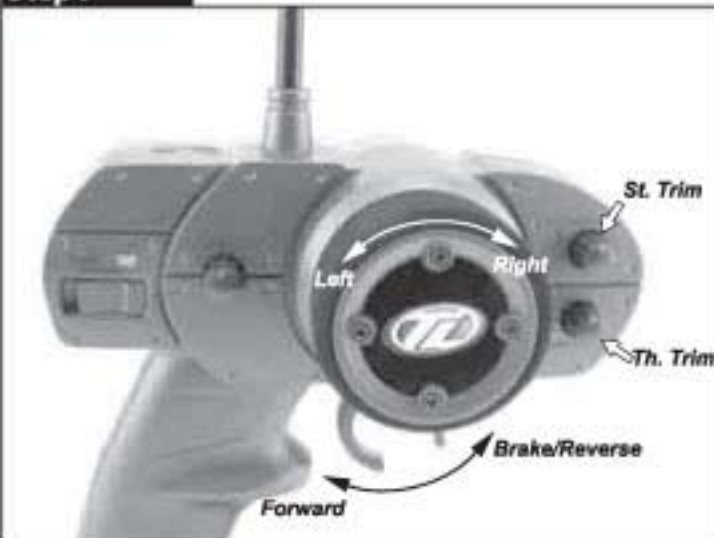
Step 6



Frequency/Channel Guide

Channel/Color	Frequency	LED Indicators
Ch. 1 (Brown)	26.095MHz	Red (top) only
Ch. 2 (Red)	27.045MHz	Yellow (middle) only
Ch. 3 (Orange)	27.095MHz	Red & Yellow (top & middle)
Ch. 4 (Yellow)	27.145MHz	Green (bottom) only
Ch. 5 (Green)	27.195MHz	Red & Green (top & bottom)
Ch. 6 (Blue)	27.225MHz	Yellow & Green (middle & bottom)

Step 7



Once the transmitter has been turned on, turn on the Raminator by sliding the switch on the speed controller to the "On" position. If the rear wheels turn, adjust the "TH. Trim" knob located to the lower right of the steering wheel until they stop. To go forward pull the trigger back. If you should need reverse, wait for the model to stop then push the trigger forward. When going forward the model should move in a straight line. If not, adjust the "ST. TRIM" so that it tracks in a straight line with out having to turn the steering wheel.

After you are done running, turn the Raminator off **FIRST** by sliding the switch to the off position. After the model has been turned off, turn off the transmitter. If you wish to clean your Raminator, use compressed air and/or a soft paintbrush to remove dust and dirt. **NEVER** use chemicals or anything wet as it can cause damage to both electronics and plastic parts.

Although your 1/18 Raminator frequency has been set from the factory, it is suggested that they be checked before use.

Both the transmitter and the receiver must be set to the same frequency/channel for the model to operate correctly. This can be easily checked by noting the colored LED's (lights) on the top of the receiver and the back of the transmitter. These should always be the same on both or you will not have control of the model. Always program the transmitter first then the receiver. To select a frequency follow the following easy steps.

1. Turn on the transmitter and/or receiver. Note that both should display the same colored light(s).
2. Locate the frequency selector button.
3. Press the selector button until the desired frequency light(s) are light.
4. Repeat for the receiver if necessary.
5. Double check to make sure both the transmitter and receiver have the same LED's (lights) on.

ALWAYS

- Turn on the transmitter before the truck
- Use caution when running around people
- Turn both the Raminator and transmitter "off" when done
- Check the battery condition of the transmitter before running

NEVER

- Operate the Raminator with low battery power.
- Run the Raminator through water or wet grass
- Use chemicals to clean the chassis
- Run the Raminator without a gear cover

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Raminator Troubleshooting Guide

Doesn't Operate

Battery not charged or connected properly
Radio transmitter and receiver not on same frequency
ESC Switch not "on" or broken
Transmitter not "on" or low battery

Motors run but wheels don't move

Slipper too loose
Gears stripped in center gearbox
Gear stripped in front and/or rear gearbox
Spur gear stripped
Pinion gear setscrews loose
Drive pins in axles/wheels missing

Steering doesn't work

Servo plug improperly installed in receiver or unplugged
Bind in steering
Servo or receiver damaged

Won't turn in one direction

Servo gears broken
Steering linkage broken or bound

Motors do not run

Motor plugs loose
Motor wire broken
Motors bound or broken
ESC damaged

ESC gets hot

Motors over-geared
Shorted Motor
Driveline bound / Dirty

Poor run time / sluggish acceleration

Batteries low or shorted
Charger not allowing full charge
Slipper adjustment set too loose (slipping too much)
Motors worn out
Driveline bound / Dirty
ESC needs to be programmed

Poor range / glitches

Transmitter batteries low
Transmitter antenna loose
Receiver antenna broken
Battery pack in truck low
Loose wires or plugs
Transmitter and receiver not on same frequency

Slipper won't adjust

Drive pin missing in shaft
Spur gear face worn out
Adjuster nut stripped

[illegible]