

# MEGASTORM

R/C HOVERCRAFT

## INSTRUCTION MANUAL



**megatech**<sup>®</sup>

HIGH PERFORMANCE PRODUCTS

[www.megatech.com](http://www.megatech.com)

Entire contents © 2004 Megatech International

If you have questions about operating or installing your new Megatech product, or if you are missing parts... Please Call Megatech First!

**DO NOT RETURN THIS PRODUCT TO THE STORE**

*Call our Customer Service Department at:*

*(201) 662-2800*

*10:00am - 5:00pm, EST Monday through Friday (except holidays)*

Technical assistance is also available on-line at [www.megatech.com](http://www.megatech.com) or by e-mail to [info@megatech.com](mailto:info@megatech.com)

**Please read this entire manual carefully before you run your MegaStorm.**

If you experience any problems, DO NOT take your MegaStorm back to the store! Call one of your MegaTechnicians at: 1-888-MEGA-911 or send an e-mail to: [info@megatech.com](mailto:info@megatech.com) 10:00am-5:00pm EST, Monday through Friday (except holidays) Technical assistance is also available on-line at [www.megatech.com](http://www.megatech.com) or by e-mail to: [questions@megatech.com](mailto:questions@megatech.com)

**DO NOT RETURN THIS PRODUCT TO THE STORE**

**TABLE OF CONTENTS**

Getting Acquainted with your MegaStorm ..... 3

Safety Warnings ..... 3

Charging the Batteries..... 4

Installing the Batteries ..... 4


Running Your MegaStorm ..... 5

Maintenance & Storage..... 6

Ordering Spare Parts ..... 6

Troubleshooting ..... 7

Limited Warranty ..... 8

**IMPORTANT!** Before you begin, please read the warnings listed on the  following page. Failure to comply with the following recommendations could lead to bodily harm and injury. The Megatech MegaStorm is not intended for those under 6 years of age without proper adult supervision.

**Please read before operating your MegaStorm.**

## PACKAGE CONTENTS

Before going any further, please check that your MegaStorm package contains all of the following items, using the picture below as a guide:



**A. MegaStorm**

**B. Charger**

**C. Battery Pack**

**D. Radio**

If any of these items are missing from your package, please contact Megatech



## Safety Warnings



- Do not touch the plug or socket with wet hands to avoid electric shock.
- Unplug the charger when finished charging the battery.
- Improper use of battery may lead to overheating, breakage or leakage.
- Do not expose the battery to water, fire or extreme temperatures.
- Do not overcharge the battery!
- When finished using the vehicle, turn the power switch to the “off” position and take the battery out of the vehicle.
- Turn on the remote controller before turning on the vehicle.
- Turn off the vehicle before turning off the remote controller.
- Do not use the vehicle in the rain.
- Avoid operation on loose soil or fine sand.
- Do not store at extreme temperatures.
- Since your MegaStorm is controlled by a radio link, it is very important to always use fresh alkaline batteries in the transmitter. We recommend Megatech’s Super Plus series, designed for R/C products.
- Do not trim the antenna. It is cut to a specific frequency length and to do so would drastically affect radio range.

### ⚠ FAN MOTOR DO'S AND DON'TS ⚠

- When operating, always be aware of spinning props. Be careful not to let them come close to your person, others and/or loose clothing.
- Never run your MegaStorm in rain or near water that could get into the unit and damage the radio system.
- If you find your speed slowing down, recharge the 9.6v battery to prevent loss of radio link.
- Always operate with adult supervision.

### Charging The Battery

- Plug the battery into the charger.
- Insert the charger plug into a household power socket.
- The battery will charge in about 3-4 hours. After this time, unplug the charger and battery.



- IF THE BATTERY FEELS HOT DURING CHARGING, DISCONNECT THE BATTERY AND ALLOW IT TO COOL YOUR BATTERY IS FULLY CHARGED.
- The MegaStorm uses the latest NiCd (Nickel-Cadmium) battery technology available. While NiCd batteries offer the best performance available, they don't come up to full potential until after they have gone through 3 or 4 charge and discharge cycles. After that, you should be prepared for longer run times.

### Installing the Batteries

#### Vehicle

- Make sure the power switch is in the OFF position and open the battery box cover.
- Attach the connectors on the battery inside the vehicle and insert the battery into the battery box.
- Close and lock the battery cover.

\*NOTE\* If your vehicle slows down, your battery charge may be getting low. Recharging the battery should return your vehicle to top speed. The battery pack should last approximately 10 minutes per charge. Different terrains may affect battery life.

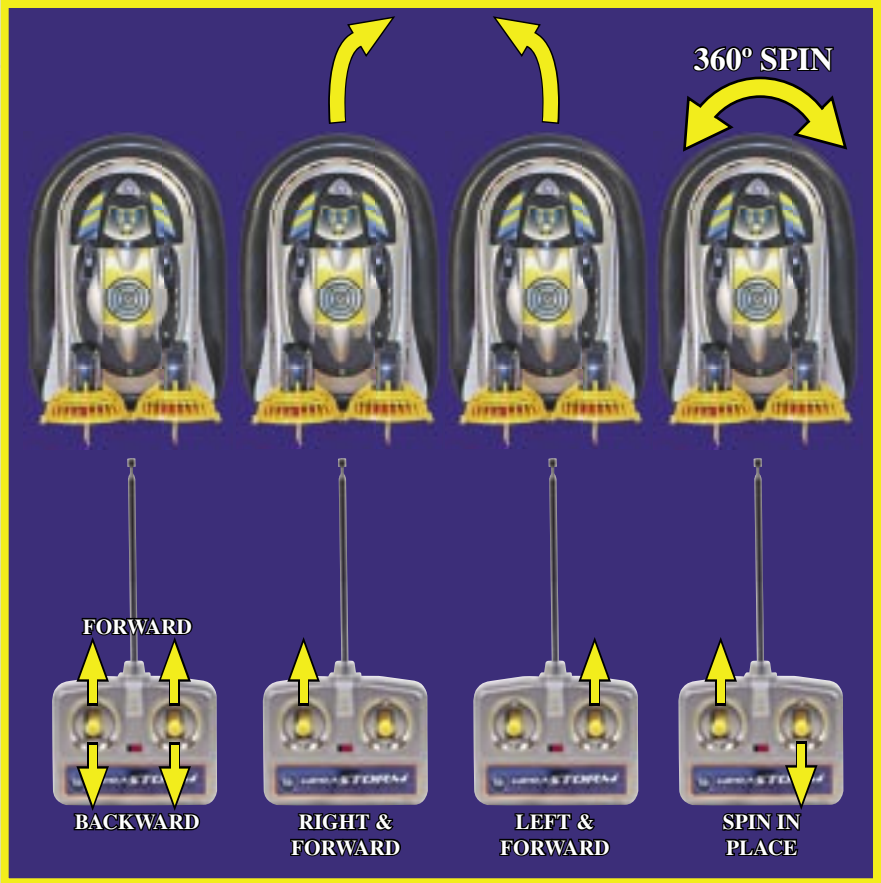


### Radio Transmitter

- Open the battery cover and install a 9V alkaline battery making sure the + and - polarities are correct.
- Replace the battery cover.
- Turn the switch on.
- The transmitter battery will last for approximately 8 hours.

### Running Your MegaStorm

- Make sure your MegaStorm runs on smooth hard surface's like tile, wood, concrete floors. The MegaStorm will not run on carpeting or porous material.
- Turn the transmitter on, now turn the MegaStorm on. The MegaStorm should be lifting and riding on its cushion of air. The MegaStorm is now ready for driving action.
- The two sticks on the transmitter control forward, left, right and reverse control of your MegaStorm.
- Forward is accomplished by pushing both sticks up(forward) together.
- Left forward is accomplished by pushing the right stick forward and the left stick in the neutral position.
- Right forward is accomplished by pushing the left stick forward and the right stick in the neutral position.
- For radical spins hold one stick forward and one stick in reverse for tight 360 degree spins.
- For reverse hold both sticks down(back) together.
- Air powered vehicles will always maneuver in a side angle rather than a straight line. Learning to drive this type of vehicle is fun but takes some practice to accomplish.



### Maintenance & Storage

- Always remove the batteries from your transmitter and the MegaStorm if stored for long periods of time
- Check the condition of the air skirt for tears or rips and replace if necessary
- Make sure your MegaStorm never gets stored wet or radio damage will occur

### Spare Parts List

3906	9.6V PERFORMANCE RECHARGEABLE BATTERY PACK
3949	Super Plus Alkaline 9V Battery (1 Pack)
3809	110V AC Wall Charger
821401	TRANSMITTER ANTENNA
821402	RUBBER AIR CUSHION
821403	FAN PROPELLERS (2)
821404	TRANSMITTER
821405	TRANSMITTER BATTERY HATCH
821406	DRIVER BATTERY HATCH

<b>PROBLEM</b>	<b>CAUSE</b>	<b>RECOMMENDATION</b>
No power to radio control transmitter.	<ol style="list-style-type: none"> <li>1. Power switch is in the “off” position.</li> <li>2. Batteries are incorrectly installed.</li> <li>3. Batteries are exhausted.</li> </ol>	<ol style="list-style-type: none"> <li>1. Move switch to the “on” position.</li> <li>2. Make sure batteries are installed correctly.</li> <li>3. Replace the batteries with new alkaline batteries.</li> </ol>
Battery pack is not charging.	<ol style="list-style-type: none"> <li>1. Charger is not properly connected.</li> </ol>	<ol style="list-style-type: none"> <li>1. Double check the connection.</li> </ol>
MegaStorm is not under control.	<ol style="list-style-type: none"> <li>1. Radio control transmitter is not turned on.</li> <li>2. Transmitter antenna is not fully extended.</li> <li>3. Transmitter batteries are exhausted.</li> <li>4. You have driven out of range.</li> </ol>	<ol style="list-style-type: none"> <li>1. Slide the switch to the “on” position.</li> <li>2. Fully extend the antenna.</li> <li>3. Replace the batteries with new alkaline batteries.</li> <li>4. Be careful not to let your MegaStorm get too far away from you.</li> </ol>
Run duration has grown short.	<ol style="list-style-type: none"> <li>1. Battery pack is exhausted.</li> <li>2. Battery pack is overheating.</li> </ol>	<ol style="list-style-type: none"> <li>1. Charge the batteries.</li> <li>2. Allow battery pack time to cool.</li> </ol>

## LIMITED WARRANTY

Megatech® International guarantees this item to be free from defects for a period of 30 days from date of purchase. If any component of this product fails to function properly due to defects in materials or manufacturing process during this 30 day period, the manufacturer's obligations are limited and manufacturer can choose to either repair or replace the item.

This warranty is void if the product in question has been altered or repaired by anyone other than Megatech® International or an authorized agent.

Under no circumstances will Megatech® International or any of its representatives be held liable for injury to persons or property damage resulting from assembly or use of the product. Megatech® is not liable if any outside radio frequencies interfere with the product's frequency causing loss of control. Megatech® International will not be held liable for any injury to persons or property damage resulting from an out-of-control model caused by use or misuse of the product. Megatech® International expressly excludes any and all express warranties not specifically stated here and all implied warranties of merchantability and fitness for a particular purpose. There are no warranties which extend beyond the description of the warranties contained herein.

***Contact the Megatech® International Service Department before returning any item*** that is defective according to the limitations listed above. Please be sure to pack the returned item(s) carefully. The customer must return the product along with proof of purchase, a letter describing the problem and the customer's address and telephone number. At this point in time we will either repair the defective part or replace it and return it to the customer. Return shipping and handling in the 48 contiguous states is \$12.99. Shipping outside of the 48 states will be quoted by location.

This warranty does not cover any damage caused by use, misuse, alteration, accident, or neglect, nor does it cover normal wear and tear of the product. Product returned to us which falls under this category will be submitted to our service department for repair. We reserve the right to charge any service and parts fees incurred when repairing the item.

**Megatech® International**  
**8300 Tonnelle Avenue**  
**North Bergen, NJ 07047**  
**(201) 662-2800**

**[www.megatech.com](http://www.megatech.com)**