

How it Works

Lift fan/air compressor blows downward, inflating air bag skirt, which seals with the ground and creates a cushion of air under the hovercraft. Propellers at rear of vehicle provide thrust for movement along the ground.



Batteries and Charger Required

9.6-Volt Rechargeable Battery Pack and Battery Charger for NiMH or NiCd Battery Packs For longer run time, use high-capacity "NiMH" or "NiCd" battery packs with highest "mAh" rating number (750mAh or higher).

One 9-Volt Battery for Transmitter (not rechargeable)

Battery Cautions

CAUTION: TO AVOID BATTERY LEAKAGE

1. Make sure the batteries are inserted correctly and follow the toy and battery manufacturer's instructions.
2. Make sure battery polarity (direction) is correct.
3. Use only battery type(s) recommended.
4. Remove rechargeable batteries from the product before charging. Recharge batteries only under adult supervision and follow the battery and charger manufacturers' instructions.

Other Battery Cautions

1. Use caution removing battery from vehicle after use. Battery may be hot.
2. Never pull the battery pack out of the vehicle by the wire or plug. Never unplug the battery plug by pulling on the battery.
3. Remove batteries from the product for storage.
4. Battery life may vary with the brand used.
5. Do not recharge non-rechargeable batteries.
6. Do not short-circuit battery terminals.
7. Dispose of batteries safely and properly, according to your local requirements.

NOTE: NICKEL CADMIUM BATTERIES MUST BE RECYCLED OR DISPOSED OF PROPERLY.

Battery Charging and Care

Vehicle will not run without a 9.6V rechargeable NiCd or NiMH battery pack and matching charger, commonly available for R/C vehicles at many toy and hobby dealers.

Always follow the instructions that came with your battery pack and charger. Adult supervision of battery charging is recommended.

Drain Down- Cool Down - Charge Up

1. For best performance, run battery pack all the way down before recharging. Run until lift fan and rear propellers slow to a stop. Note: If you are operating vehicle in water, retrieve the vehicle while battery power is still strong and perform this Drain Down procedure on land.
2. Allow the battery pack to cool before recharging.
3. Charge fully according to the battery/charger manufacturer's instructions. Charging times differ with different types, brands, models, ages and conditions of battery packs and chargers. The first few charges of a new battery may require more time for a full charge than later charges.

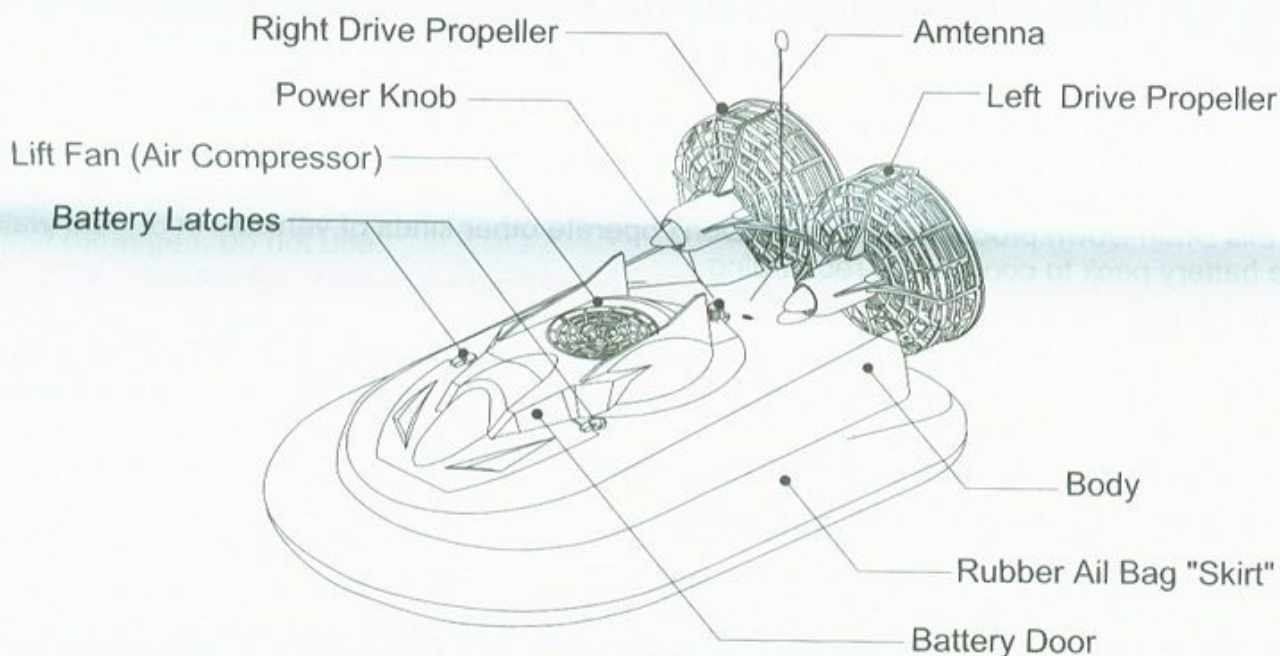
Battery Heat

1. Battery gets hot after use! This is normal, but be careful. Wait until battery is cool (20 minutes or more if needed) before charging. Charging batteries when they are hot will severely reduce the number of times they can be recharged.
2. After charging, battery pack will be warm. This is normal.

Running and Charging Times

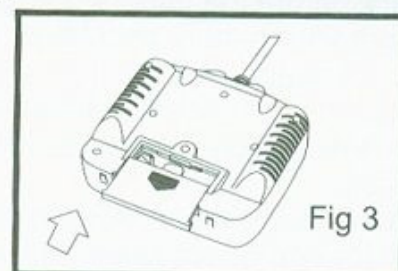
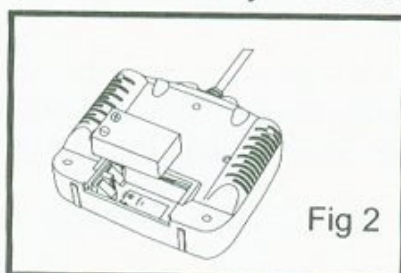
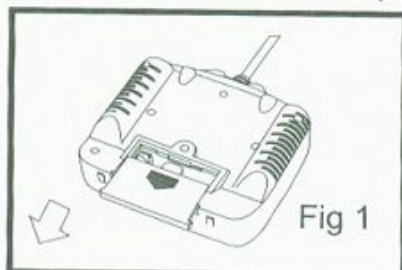
1. NiCd and NiMH battery packs are not like alkaline batteries. They lose all their power suddenly, not gradually, and vehicle will stop very soon after slowing down becomes noticeable, with little warning. This is normal, but keep it in mind, especially when operating on water, since you need to get the vehicle back before the battery power runs out. Typical running time will be between 7 to 8 minutes for a typical freshly charged NiCd battery pack in good condition (9 to 13 min. for NiMH), but do not rely on this until you observe how long your battery runs in your vehicle under the conditions you operate in. Running time may vary over life of battery, with the first few charge cycles yielding shorter run times than later charges.

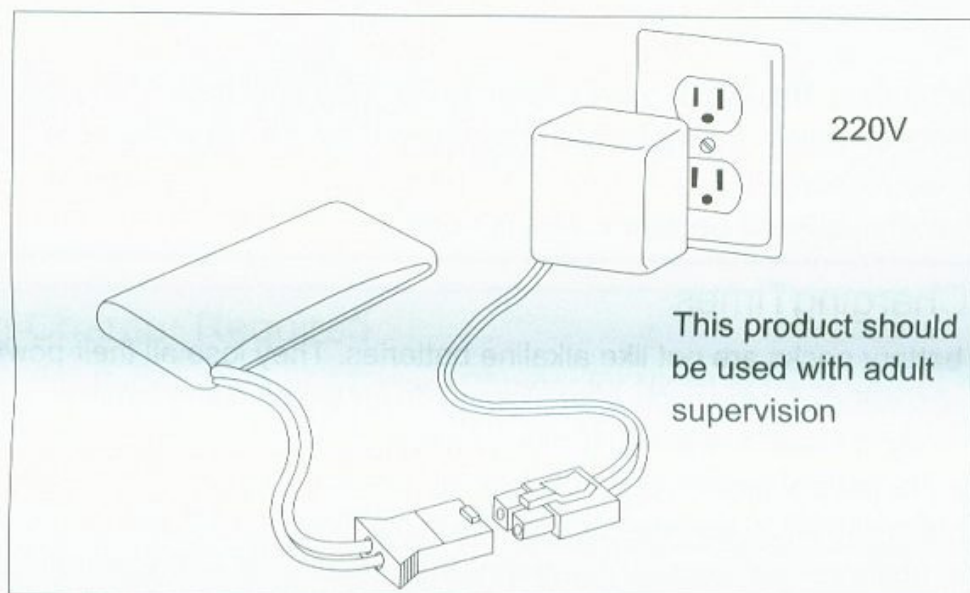
Hovercraft Features



Transmitter Battery Installation

1. Slide open BATTERY DOOR on back of TRANSMITTER. (Fig. 1)
2. Insert a fresh, new 9-VOLT BATTERY with the polarity (+/-) as shown on the bottom of battery compartment. (Fig.2)
3. Hold battery in place with thumb and replace BATTERY DOOR. (Fig.3)
4. Controller's Wording State: The indicator on the controller will light up after the power switch is set to ON. If it does not light up, please check the battery connection. If the indicator remains off with correct battery connection, please replace the battery with a new one.





BATTERY CHARGING INSTRUCTIONS

NOTE: "CONDITION" BATTERY PACK FOR BEST RESULTS BY CHARGING ACCORDING TO THESE INSTRUCTINS ON EVERY CHARGE. ON THE FIRST CHARGE, EXPECT A SHORTER RUN TIME. RUN TIMES WILL INCREASE OVER THE NEXT 6 CHARGES, REACHING SPECIFIED RUN TIMES.

Drain Down- Cool Down- Charge Up

1. After the first charge, for best performance always run the battery pack all the way down before recharging. Run until vehicle wheels/fans/motors slow to a stop. Note: If you are operating a boat, hovercraft or other water vehicle in water, retrieve the vehicle while battery power is still strong and perform this Drain Down procedure on land. (Don't operate other kinds of vehicles in or near water.) Allow the battery pack to cool before recharging.

Battery Heat

1. Battery gets hot after use! This is normal, but be careful. Wait until battery is cool (20 minutes or more if needed) before charging. Charging batteries when they are hot will severely reduce the number of times they can be recharged.
2. After charging, battery pack will be warm. This is normal.

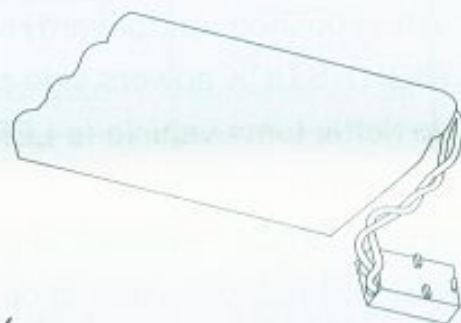
RECHARGING INSTRUCTIONS

1. Plug wall pack charger into a standard wall outlet.
2. Connect the battery pack plug to the charger plug as shown.
3. Red light on charger will light to show charger is operating. Normal charging time is approximately 2 hours.
4. Unplug charger from wall after 2 hours of charging.
5. After charging, battery pack will feel warm. This is normal.

Rechargeable Battery Tips

1. Don't overcharge the battery pack. Unplug the charger from the wall at the end of the recommended charging time.
2. NiCd battery packs are not like alkaline batteries. They lose all their power suddenly, not gradually, and vehicle will stop very soon after slowing down becomes noticeable, with little warning. This is normal, but keep it in mind, especially when operating on water, since you need to get the vehicle back before the battery power runs out.
3. Store your battery pack discharged.
4. Your battery pack will hold a charge for a shorter time in hot weather. Otherwise, you can charge a battery a day or so in advance of when you want to use it or give it as a gift.
5. It's better to charge for the full 2 hours, even though the vehicle may operate with a partial battery charge.
6. When your battery pack's running time gets shorter and shorter, probably it's getting close to the end of its life and needs to be replaced.

CAUTION-ELECTRICALLY OPERATED PRODUCT:
NOT RECOMMENDED FOR CHILDREN UNDER 8
YEARS OF AGE. AS WITH ALL ELECTRIC
PRODUCTS, PRECAUTIONS SHOULD BE
OBSERVED DURING HANDLING AND USE TO
PREVENT ELECTRIC SHOCK, INPUT: 220/240 VAC,
50 Hz, 6W, OUTPUT: 9.6VDC, 500mA
CAUTION: RISK OF ELECTRIC SHOCK, CHARGE
ONLY 9.6V NI-CD (NICKEL CADMIUM) TYPE
RECHARGEABLE BATTERY PACKS, OTHER
TYPES OF BATTERIES MAY BURST, CAUSING
INJURY TO PERSONS AND DAMAGE, DRY LOCATION USE ONLY.



9.6V RECHARGEABLE BATTERY PACK AND CHARGER

READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.
THEY CONTAIN IMPORTANT INFORMATION.
SAFETY NOTICE TO ADULTS

1. This product should be used under adult supervision.
2. Regularly examine charger and battery pack for damage, including plugs, casings and all other parts. If damaged, do not use.

Not a toy-not intended for children under 3 years old.

IMPORTANT BATTERY SAFETY INFORMATION

CAUTION: TO AVOID BATTERY LEAKAGE

- Make sure the batteries are inserted with the correct polarity and follow the toy and battery manufacturers' instructions.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Remove weak or exhausted batteries from the product

ADDITIONAL IMPORTANT BATTERY SAFETY INFORMATION

- An adult should help with battery replacement
- Only batteries of the same or equivalent type as recommended in the "Battery Installation" (or replacement) instructions are to be used.
- Non-rechargeable batteries are not to be recharged.
- If removable rechargeable batteries are used, they are only to be charged under adult supervision.
- Rechargeable batteries are to be removed from the product before they are charged.
- If you use a battery charger, it should be examined regularly for damage to the cord, plug, enclosure and other parts. Do not use damaged battery charger until it has been properly repaired.
- Dispose of batteries safely and properly.



THIS PRODUCT USES A NICKEL CADMIUM BATTERY. MUST BE RECYCLED OR
DISPOSED OF PROPERLY. Contact your local area office of solid waste management or
other appropriate local agency for information.

Transmitter Operation

1. LEFT STICK powers side Prop (propeller).

When pushed up (forward) it go straight ahead.

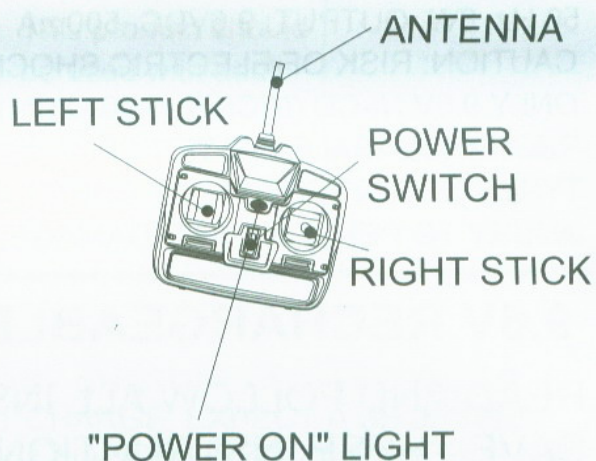
2. RIGHT STICK powers side prop. When pushed

up (left) it turns vehicle to LEFT.

ANTENNA

Hold Transmitter so antenna points straight up in the air. Do not touch during operation.

POWER ON INDICATOR LIGHT



Battery Installation

1. Turn red LATCHES on vehicle BATTERY DOOR, lift door up at rear and remove. (Figs.4)

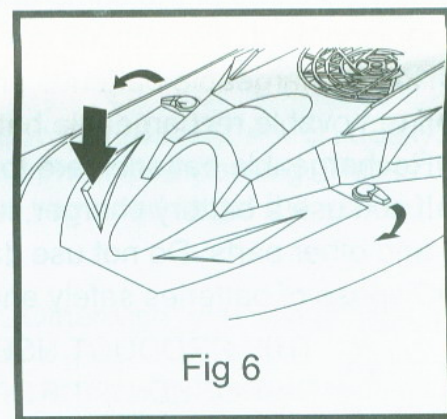
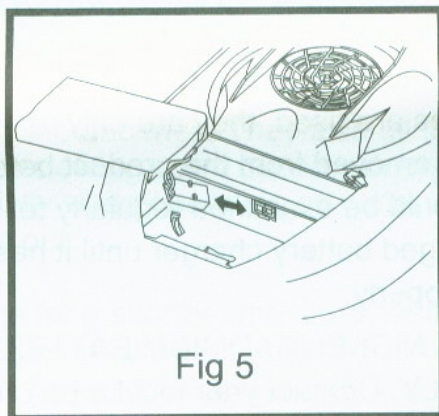
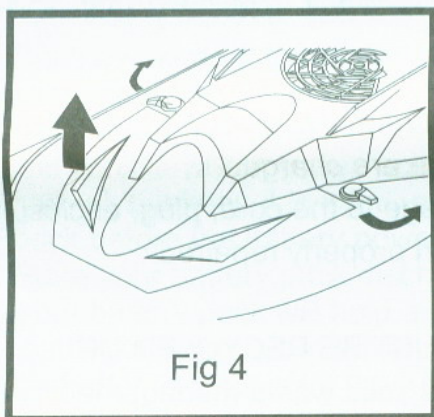
2. Insert fully charged BATTERY PACK into battery compartment as shown. Observe position of wire as shown. (Figs.5)

3. Firmly insert BATTERY PLUG all the way into SOCKET as shown. Make sure the "key" (bump) on plug is facing downward to fit into notch in socket.

4. Replace BATTERY DOOR front first by aligning front edge of door and compartment, lowering rear of door into place and turning LATCHES to locked position (latches click onto little "bumps" in door). (Fig. 6)

5. Check operation by turning POWER KNOB to point arrow to ON and then to OFF again.

POWER KNOB is located on top rear of vehicle just forward of ANTENNA. Lift fan should go on and off. If not, remove and reinsert battery plug. Turn switch off to save power whenever possible.



Vehicle Operation

FORWARD

Push left sticks up. Release to coast.

BRAKING / REVERSE THRUST

Pull left sticks down.

Use Reverse to slow vehicle down faster than coasting.

LEFT TURN-MOVING

When moving, push left sticks to turn left.

RIGHT TURN-MOVING

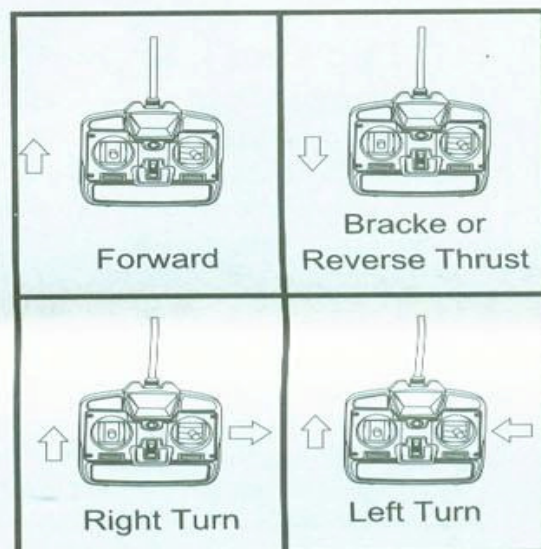
When moving, push right sticks to turn right.

LEFT TURN-STATIONARY

When vehicle standing still, push right stick left.

RIGHT TURN-STATIONARY

When vehicle standing still, push right stick right.



Operating on Water

Fresh water only - not sea or salt water!

CAUTION: ADULT SUPERVISION IS STRONGLY RECOMMENDED WHEN OPERATING ON OR NEAR WATER OR ICE.

Important: Time the use of the vehicle on water so you can recover it before the battery runs out! Run for only 5 minutes each launch with a freshly charged battery to be sure.

Launching

1. Turn vehicle power on. Release red transmitter button so lift fan comes on.

2. Hold vehicle as shown. Make sure lift fan is at full speed and air bag skirt is fully inflated. Carefully place vehicle on water.

Important: Lift fan must be operating for vehicle to operate properly. Air bag skirt may fill with water if lift fan is not running. When removing from water, remove battery door and battery pack, hold vehicle as shown and shake out excess water. Dry vehicle after use with a clean soft cloth.

Hovercraft Tips

1. In order to race or operate two vehicles together, one must be 27MHz and one must be 49MHz.
2. Hovercraft is not designed to go up hills or inclines.
3. Water should be calm, without waves, turbulence or strong currents. Do not operate in rivers or streams.
4. Do not operate vehicle in salt water. Salt will corrode metal parts and void warranty.

Air Bag Skirt Care

1. Edge of air bag skirt must seal with lower edge of body for proper operation. If skirt becomes loose, push the edge of the skirt back into the slot on the body. Use a small coin if necessary, important: Do not use sharp tools such as screwdriver, pen or pencil point, knife, etc or bag may tear.
2. Small holes and tears in skirt may be repaired by an adult using "Super Glue" or "Crazy Glue" (cyanoacrylate) type glue. Use a small amount and follow glue maker's instructions.
3. For larger holes and tears, skirt needs to be replaced. Order replacement air bags direct from . Not HOVERCRAFT sold in stores.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.