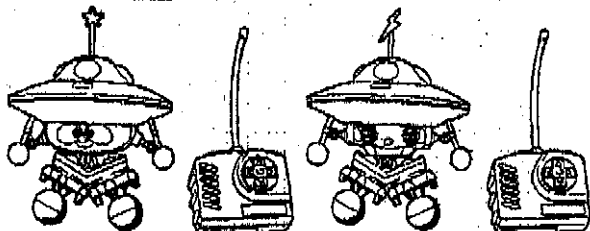


UBO MBO

Owner's Manual



RDC-70050

RDC-70051

NIKKO
AMERICA, INC

PRINTED IN CHINA

- Please read carefully before starting to operate.
- Keep the display box and the manual for future reference.
- Warning: Use under the direct supervision of an adult.
- Actual product may vary from photography on the box

IT IS A VIOLATION OF THE FCC REGULATIONS TO REMODEL OR ALTER THIS DEVICE IN ANY WAY WITHOUT PERMISSION, ANYONE WHO VIOLATES THE REGULATIONS WILL LOSE THE RIGHT TO OPERATE THE DEVICE.

CAUTION: ELECTRIC TOY

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: 120 vac, 60 HZ 12W only.
Output: 12 VDC, 3.6W

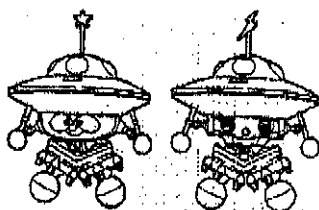
ATTENTION PARENTS

It is recommended that this toy and all accessories be periodically examined for potential hazards and that any potentially hazardous parts be repaired or replaced.

Repair and Parts Department
Monday to Friday 8:30AM-5:30PM Central Time

Repair:(800)736-4556
Parts:(800)776-4556
Fax:(972)578-7059
e-mail:nikkocs@airmail.net

CONTENTS



UBO or MBO body



Transmitter



Owner's manual



4.8 V Ni-Cd battery cassette



Charger for 4.8 V Ni-Cd battery cassette



Pile 6F22 (9 V)

FEATURES:

- Forward/backward moving, left/right turn and spin turn action.
- Transmitter with cross button operation
- Auto power-off transmitter
(The power is automatically turned off when you stop operation, which prevents the unnecessary power loss.)
- When the body falls down, the spin switch will enable it to get back up on its feet again quickly.
- LED power indicator blinks.
- The product can be operated for about 10 minutes. (The time differs depending on how it is used.)
- The new Ni-Cd battery cassette can be detached/attached easily. (Nose of the product is the detachment/attachment button.)

BATTERIES:

Ni-Cd battery cassette (4.8 V) x 1
Charger for 4.8V Ni-Cd battery cassette x 1
9V (006P) battery x 1 6F22

PREPARATION FOR STARTING OPERATION

To recharge 4.8 V Ni-Cd battery cassette.

New Ni-Cd battery cassettes are not charged. Charge before use.

1. Join the charger and the battery cassette.
2. Plug the charger into the household outlet.
3. When the recharging is over, plug out the charger from the electrical outlet.
4. Remove the Ni-Cd battery cassette from the charger pressing the lever of the charger.

Charger

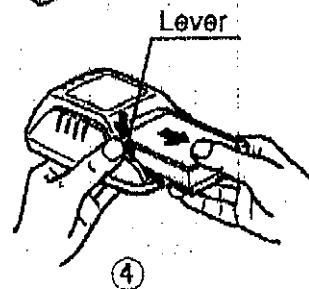
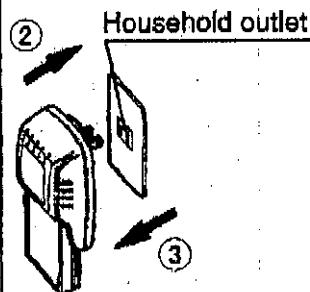
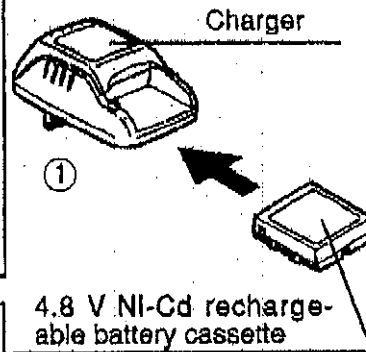
- Plug the charger directly into the household outlet.
- Ni-Cd battery cassette can be used 300 to 500 times repeatedly depending on the way of use.

Note

- The red LED power indicator lights up during the recharging.
- The recharging does not stop automatically.
- Average recharging time is approximately 4 to 5 hours.
- Additional recharging doesn't improve the capacity.
- Excessive recharging is dangerous. It may cause the damage to the charger or Ni-Cd battery cassette.

Warning:

Charge Ni-Cd battery cassette only. Do not charge flashlight, heavy duty, alkaline, transistor, mercury or other primary cell batteries as this can cause leakage, fire or explosion.





CAUTION Be sure to read before you start charging.

Notes when recharging the Ni-Cd battery cassette.

- * Note: The Ni-Cd battery cassette may become pretty heated while charging. Stay near the charger for safe.
- Don't charge dry cell batteries. Don't disassemble, heat, or throw the batteries into fire.
- Excessive charging may not only shorten the battery life but also cause an unexpected accident.
- Insert a battery cassette making sure that the (+) and (-) poles are properly positioned.
- Leaving batteries in UBO/MBO or the transmitter for a long period of time may cause battery leakage or other damage. Remove all the batteries both from UBO/MBO and the transmitter when not use for a long time.
- The battery cassette cannot be inserted into the charger when it's not positioned properly.
- Don't charge the heated battery immediately after use. Wait until it is cooled off.
- Keep the indicated charging time.
- Don't try to disassemble or remodel the charger or Ni-Cd battery.
- Don't charge when there is an infant around.
- Don't let the charger and the Ni-Cd battery get wet.
- Don't charge where the temperature is extremely high, or low, or where it is wet or damp.
- Charge at well ventilated place.
- Don't charge the battery cassette inside UBO/MBO.
- When charging, remain near the charger to observe the temperature of the charger and the Ni-Cd battery and to prepare for any trouble.
- Charge fully discharged Ni-Cd battery cassette only (when UBO/MBO stops moving any further, the battery is discharged.)

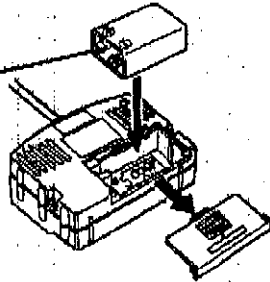
How to install the batteries

Transmitter

To remove the battery lid, press the point marked "OPEN" and pull the lid downward. Install the battery making sure that (+) and (-) poles are positioned properly.

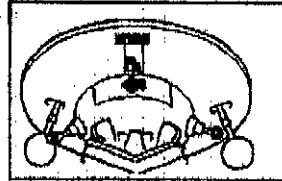
Dispose the used batteries separately from other trash.

9 V (006P) battery



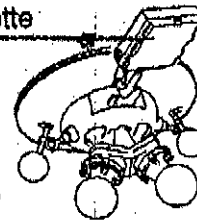
UBO/MBO

Turn off the power switch.



Install the 4.8 V battery cassette into the battery holder on the back of the body making sure that the mark "4.8 V" is facing up.

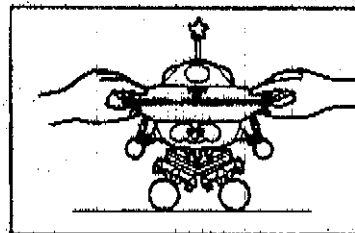
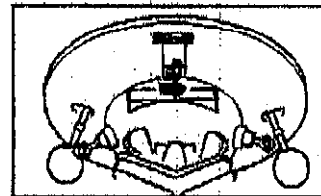
4.8 V Ni-Cd battery cassette



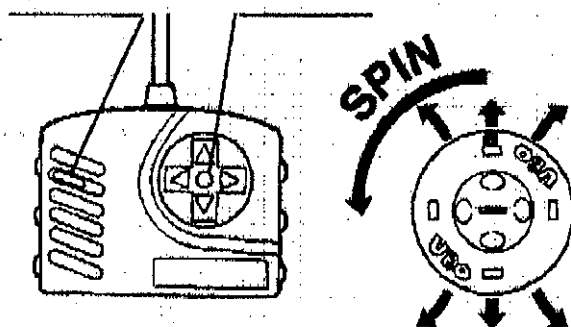
How to play

- ① Turn on the power switch of UBO/MBO.
- ② Wait about 10 seconds for the gyro to start spinning at top speed and for the movements to stabilize. Then let it stand on its feet. If it is still unstable, press the spin switch to let UBO/MBO spin itself into upright position.
- ③ Start operation by pressing one of the Δ marks on the cross button.
- ④ UBO/MBO starts turning by pressing the spin switch. it can stand up on its feet quickly when it falls down.
- ⑤ Turn off the power switch when you finish playing.
- ⑥ Remove all the batteries both from UBO/MBO and the transmitter.

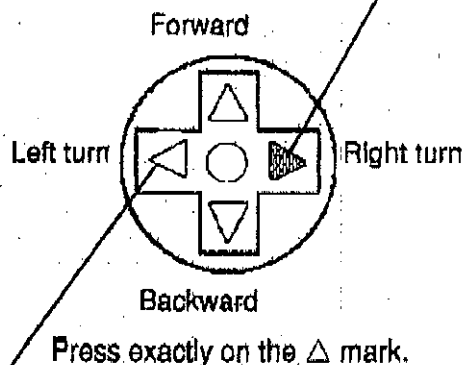
Install the battery properly.



Spin switch Cross button



Be sure not to press the right turn button continuously since UBO/MBO becomes to fall down easily.



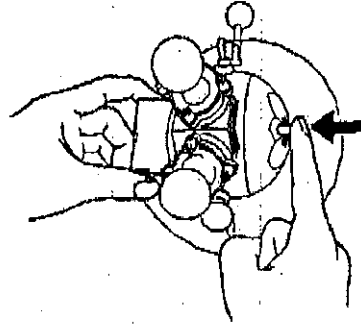
Skillful Operations

When moving UBO/MBO forward or backward, try to keep it standing erect by moving it a little at a time. If it should lose its balance and start to tip over, you can bring it back up into stable position by pressing the spin switch and making it spin. Keep repeating the advance→spin→advance procedure.

How to remove the battery

Remove the battery from UBO/MBO when you finish playing.

Press the nose button and pull 4.8 V battery cassette out of the battery holder as illustrated.



Caution:

- The transmitter can be turned on by pressing the cross button. When you stop operating, the power is turned off automatically. When only the transmitter is turned off, UBO/MBO may respond to external waves and start to move by itself.
- Press the cross button exactly on the Δ mark. Be careful not to press more than one Δ mark at a time.
- If you hold the transmitter high, UBO/MBO can be controlled to a longer distance.
- If UBO/MBO moves erratically, recharge the Ni-Cd battery cassette, or exchange the transmitter battery with new one.
- When the Ni-Cd battery cassette starts to run out of power, it will become difficult to keep UBO/MBO standing up erect. The same thing will happen when recharging is insufficient. In such cases, recharge the battery cassette.
- When playing outdoors, try to choose a place where the ground is as flat and smooth as possible. UBO/MBO may not move as desired on bumpy or rugged surfaces.
- When operating UBO/MBO indoors, choose a place where the floor is flat and smooth. UBO/MBO may not move as desired on carpets and rugs.
- Do not operate UBO/MBO on top of a table or desk, or where there are steps. Do not drop UBO/MBO or hit it against something hard. Rough use may damage the gyro system.

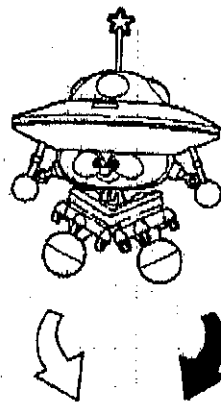
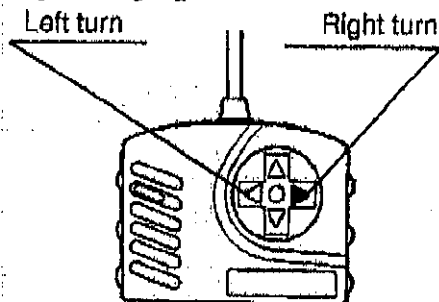
Secret Techniques

Technique 1

How many motors can you move UBO/MBO?

Press the right turn/left turn buttons on the transmitter alternately while moving.

UBO/MBO will sway its body and zigzag forward.



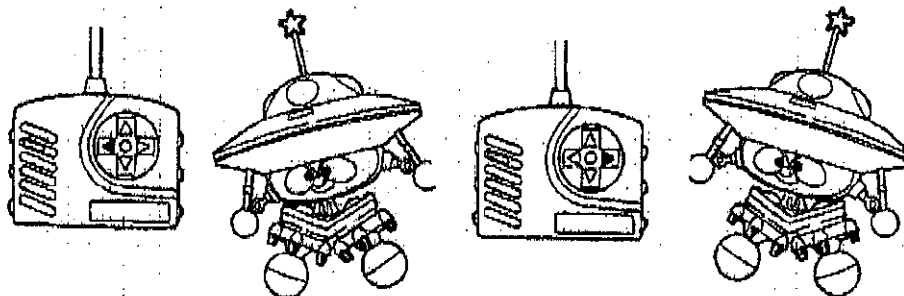
Technique 2

Quick way to recover balance

When operating UBO/MBO (facing it):

If it tips to the left, press the left button lightly.

If it tips to the right, press the right button lightly: UBO/MBO will easily regain balance.



Technique 3

Skilful movements forward/backward

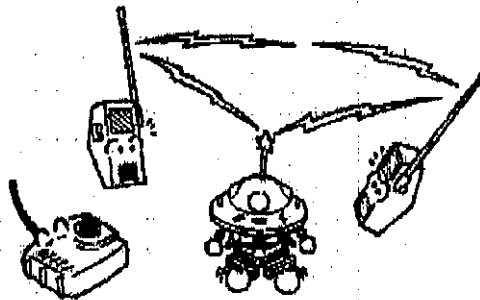
If you want to keep moving UBO/MBO straight forward (or backward), press the forward (or reverse) button on the transmitter lightly once, and then press it again continuously. This will help to keep UBO/MBO stable.

{ Try other operations to master your own super-techniques! }

DAMAGED? Wait a minute!

What's wrong?	Check and see	What to do
<p>U B O / M B O does not move.</p>	<ul style="list-style-type: none"> ① The power switch of UBO/MBO is OFF. ② The distance between the transmitter and UBO/MBO is a little too far. ③ The (+) and (-) ends of the transmitter battery is positioned in the wrong direction. ④ The metal tab touching the transmitter battery does not work. ⑤ There is rust on the metal tab touching the transmitter battery. ⑥ The battery power of the transmitter or UBO/MBO is weak. 	<ul style="list-style-type: none"> ① Turn ON the power switch. ② Shorten the distance. ③ Position the battery properly. ④ Bend the metal tab back to touch the battery. ⑤ Remove the rust with fine grain sandpaper. ⑥ Replace the battery or fully re-charge the Ni-Cd battery cassette.
<p>U B O / M B O moves errati- cally.</p>	<ul style="list-style-type: none"> ① There is radio interference. ② There is another R/C vehicle in the vicinity using the same frequency band. ③ The battery power of the transmitter or UBO/MBO is weak. 	<ul style="list-style-type: none"> ① Play in a different place or at a different time. ② Play in a different place or at a different time. ③ Replace the battery or fully re-charge the Ni-Cd battery cassette.

UBO/MBO is operated by radio waves. Sometimes erratic behavior or loss of control of vehicle happens as a result of interference caused by other radio waves. This is not a defect. If you encounter this type of behavior, change to a different location or play at a different time.



OPERATING SAFETY RULES



CAUTION

Be sure to read!

Don't touch wheels when UBO/MBO is in operation. It's very dangerous.

Don't operate UBO/MBO with a dangerous bent antenna.

Don't play where there is traffic, a crowd or at dangerous places.

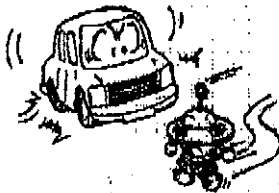
Don't play near small children. It's dangerous.

Don't let your hair or clothes get caught or wound up in the spinning wheels.

Don't play outside in rain or in puddles. This may cause damage to UBO/MBO.

Don't play in thunderstorms because it's dangerous.

Don't play on sand or in sandy places. These hazards can impair performance.



MAINTENANCE AND STORAGE

If UBO/MBO gets dirty, wipe off the filth with a damp towel and then wipe off the dampness with a dry towel.

The small parts can be cleaned easily with a used brush.



CAUTION

Be sure to read!

- Never use chemicals. They can deform or damage the body and may impair performance.
- Avoid leaving or storing where the temperature is extremely high or low or where the humidity is very high (in the car or under direct sunlight). These hazards may cause damage to UBO.
- Make sure to remove all the batteries both from UBO/MBO and the transmitter when storing.

Cleaning and maintenance:

This toy vehicle needs periodic maintenance and cleaning.

Warning to the parents

The charger for the Ni-Cd battery pack needs periodic inspection to see that the lead wires, plugs, outer case, and other parts are not damaged in any way. If any of the parts are damaged, do not use the charger until it is completely repaired.

Caution

Keep out of reach of small children under 36 months old as there is danger of getting hurt.



THE RBRC™ Seal on the nickel cadmium battery pack indicates that Nikko America is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life. The RBRC program provides a convenient alternative to disposing nickel-cadmium batteries into the trash or municipal waste stream, which is illegal in some areas.

Nikko America's payments to RBRC makes it easy for you to drop off the spent battery pack at local retailers who sell replacement nickel-cadmium batteries.

You may also contact your local recycling center for information on where to return the spent battery pack.

RBRC is a trademark of the Rechargeable Battery Recycling Corporation.

THE FCC WANTS YOU KNOW

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Your R/C boat might cause TV or radio interference even when it is operating properly.

To determine whether your R/C boat is causing the interference, turn off your R/C boat.

If the interference goes away, your R/C boat is causing the interference.

Try to eliminate the interference by:

- Moving your R/C boat away from the receiver.
- Contacting your local store for help.

If you cannot eliminate the interference, the FCC requires that you stop using your R/C boat.

CAUTION:

Changes or modifications not expressly approved by the manufacturer for compliance could void the user's authority to operate the equipment.