



## EI-158a Instruction Manual

### Contents:

- I-Cybot
- Controller
- Removable battery drawer for 6"AA" size batteries
- Instruction manual

### Key Features:

- Full function I-Cybot with interactive reaction
- Home guard function
- Intelligent sensors
- 2 demo mode

### Safety Precautions:

• Parents, this toy is recommended for children 5 years and older. To ensure that your child's play is both safe and fun, please review the operating instructions with your children. If toy in the presence of children under 6 years of age, adult supervision is recommended.

- **DO NOT** pick up moving vehicle
- Never handle, hair and loose clothing away from the tires and the wheel hubs when power switch is turned ON.
- Remove battery pack and transmitter battery when not in use.

• **DO NOT** operate your vehicle on street. Avoid hitting people, pets or home furnishings.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Battery Cautions:

- Do not recharge battery pack if it's hot. Allow it to cool before recharging.
- Do not charge a battery pack that shows leakage or corrosion.
- Do not disassemble the battery pack. The battery pack is a sealed NiCd (Nickel-Cadmium) battery.
- Do not dispose of the battery pack in fire.
- Exercise caution in handling a hot battery pack.

### Cautions:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged.
- Rechargeable batteries are only to be charged under adult supervision.
- Different types of batteries or new and used batteries are not to be mixed.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with correct polarity.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.

### Care and Maintenance:

- Always remove batteries from the toy when it is not being used for a long period of time.
- Wipe the toy gently with a clean damp cloth.
- Keep the toy away from direct sunlight and/or direct heat.
- Do not submerge the toy into water that can damage the electronic assemblies.

### Note:

- Parental guidance is recommended when installing or replacing batteries.
- New and alkaline batteries are recommended to use in this toy to obtain best and maximum performance.
- You are advised to replace with new batteries as soon as the function becomes impaired.
- This vehicle may only be raced against other vehicles using different infrared signal. Loss of control will result if another infrared controlled vehicle is operated near this vehicle.
- Users should keep and retain this information for future reference.
- Users should keep strict accordance with the manufacturer's instructions while operating the product.

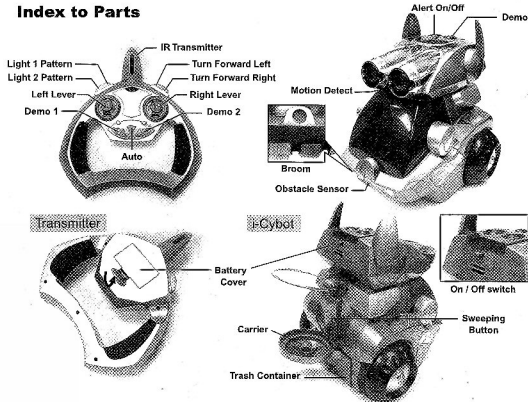
### Battery requirement for Transmitter:

- Power Supply: DC 3V 0.15W
- Rating: 2 x 1.5V "AA" LR6 / AM3
- Batteries: Requires 2 x "1.5V" size alkaline batteries (not included)

### Battery requirement for Robot:

- Power Supply: DC 9V 19W
- Rating: 6 x 1.5V "AA" LR6 / AM3
- Batteries: Requires 6 x "1.5V" size alkaline batteries (not included) or 9.6V Ni-Cd battery pack (not included)

## Index to Parts

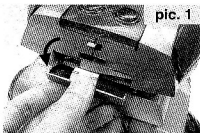


## Trouble Shooting:

Symptom	Cause	Correction
Vehicle does not react, or react poorly to operation by transmitter.	<ul style="list-style-type: none"> <li>• IR signal is weak under sunlight or strong light beam.</li> <li>• In sleep mode.</li> </ul>	<ul style="list-style-type: none"> <li>• Avoid these if possible, or put the controller in top of I-Cybot to operate I-Cybot.</li> <li>• Push ON/OFF switch once to start the play.</li> </ul>
Loss of control	<ul style="list-style-type: none"> <li>• Another IR device using the same coding is operated near your I-Cybot.</li> <li>• Out of the control range of distance.</li> </ul>	<ul style="list-style-type: none"> <li>• Race against other IR device using different coding.</li> <li>• Move to another place where without infrared signal interference from another device.</li> </ul>
I-Cybot runs slowly or does not run.	<ul style="list-style-type: none"> <li>• Loose battery connection</li> <li>• Main power switch is not in "ON" position.</li> <li>• Batteries are not placed in compartment correctly.</li> <li>• Batteries are exhausted.</li> </ul>	<ul style="list-style-type: none"> <li>• Check battery connection.</li> <li>• Switch on the power.</li> <li>• Check the battery polarity.</li> <li>• Replace with fresh battery for controller, for vehicle, replace with fully charged NiCd battery.</li> </ul>

**Hints:** This I-Cybot vehicle will automatically enter into sleep mode after 5 minutes when not in use. To turn it on again, simply push the ON/OFF switch once to start the play.

## Getting Started



pic. 1

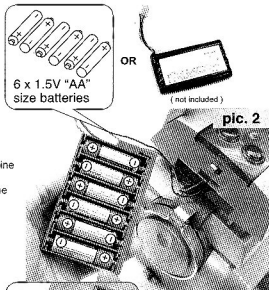
### Batteries:

- Your i-Cybot is powered by 6 x 1.5V "AA" size alkaline batteries or 9.6V battery pack (pic. 2)
- Your transmitter is powered by 2 x 1.5V size alkaline batteries (pic. 3 & 4)

### Charging Battery Pack:

The 9.6V battery pack is not charged. It has to be charged before being used for the first time. please proceed as follows:

- Rechargeable batteries are charged under adult supervision.
  - Collect the plug of the battery pack to the plug of the transformer, then plug the transformer to the A.C. socket.
  - After charging, plug out of the socket and disconnect the transformer.
- The specifications of the utilized unit must be absolutely observed.



pic. 2



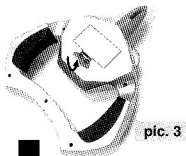
(Connect the plug)

### Battery Installation -- i-Cybot

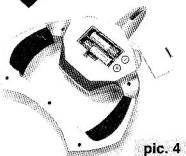
Make sure the power switch is on "OFF" position. Open the battery cover (pic. 1). Install batteries with polarity as shown inside battery drawer. Connect the plug from inside the battery compartment to the plug of the battery drawer (pic. 2). Put the battery cover back in position.

### Battery Installation -- transmitter:

- Remove the battery cover with a coin. (pic. 3)
- Insert new 2 x 1.5V "AA" size alkaline batteries with "+" and "-" signs as shown below. (pic. 4)
- Close the battery cover.



pic. 3



pic. 4

## Running Your i-Cybot

### Start to play :

- Start with a full charging battery.
- Switch on the i-Cybot.
- Steer the i-Cybot by adjusting the control levers of controller in different combinations to perform different actions.
- After use, switch off the i-Cybot.
- If the i-Cybot is to be "parked" for a relatively long time, remove all batteries from the i-Cybot and the controller.



Left Lever	Right Lever	Action
↑	↑	↑
↓	↓	↓
↘	↑	↶
↑	↘	↷
↘	↓	↷
↓	↘	↶
↑	↓	↻
↓	↑	↻

### Other Feature :

- Transport Simple Stuff**  
Open the carrier at the back of the i-Cybot

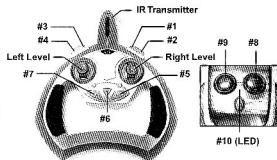


- Sweeping Floor Brush**

Select the sweeping button in "Broom Position". The i-Cybot go forward with sweeping function. Pull out the trash container to clean off.



### Remote Control :



### Other Function :

- Express Turning Action Key**  
#1 Key: Turn Forward Left  
#2 Key: Turn Forward Right
- Light Pattern Key**  
#3 Key: Light 1 Pattern  
#4 Key: Light 2 Pattern
- Demo Mode Key**  
#5 Key: Demo2  
#7 Key: Demo1  
#8 Key: Demo 1 or 2  
Press the button to stop the i-Cybot.
- Interactive Searching Key**  
#6 Key: Auto free walk  
Press the button to stop the searching.
- Home Guard Function**  
#9 Key: Alert "On" and red indicator turn "On".  
After the blinking of two eye, the i-Cybot enter the home guard mode.  
i-Cybot will be alert with light / movement when something approach in front of the i-Cybot.  
Press the button alert to exit the home guard mode and the red indicator turn "OFF".

### Driving Tips:

- Operate only on flat, smooth (but not slippery), dry surfaces and low pile carpet.

Don't drive your i-Cybot in sand or through water or snow, if your i-Cybot get wet, wipe with a towel and allow to dry completely.

- When your i-Cybot runs erratically, the problem is usually the result of interference caused by other IR device close by on the same IR coding as yours. You may have to choose on alternate place to race.
- Do not operate near windows as sunlight may disturb the IR transmission.
- Intelligent sensor is working cleverly to avoid obstacle but can be override by player.