R.A.D.™ 2.0 Robot Instruction Sheet

Congratulations! You are now in control of R.A.D.™ 2.0 Robot, the most sophisticated Radio Controlled Robot on the planet!

Attaching R.A.D.™ 2.0 Robot's Arms:
Before playing with your R.A.D.™ 2.0 Robot, attach the arms as shown.

Be sure the arms are inserted in the correct way with the screw holes facing DOWN.

Battery Power:
- A 6V Ni-CD (or NiMH) battery (sold separately) powers your R.A.D.™ 2.0 Robot.
- The 6V rechargeable battery must be fully charged (follow directions included with the battery) before it can be used.
- A standard 9V alkaline battery (not included) powers the Radio Transmitter.

To Install The 9V Transmitter Battery:
- Ask an adult to unscrew the battery cover on the back of the radio control unit.
- Insert the battery as shown and screw the battery cover back in place.
To Operate Your R.A.D.™ 2.0 Robot

1. Insert a fully charged 6V rechargeable battery into the battery slot on the back of your R.A.D.™ 2.0 Robot. Be sure that it is installed with the proper polarity.
2. Switch the on/off switch on the bottom of your R.A.D.™ 2.0 Robot to the "on" position.
3. R.A.D.™ 2.0 Robot will perform the "System Check" sequence. REMOVE TRAY BEFORE "SYSTEM CHECK" SEQUENCE.
4. After R.A.D.™ 2.0 Robot has performed the System Check, your R.A.D.™ 2.0 Robot will sound a series of tones alerting you that all systems are go!
   NOTE: You can stop the system check by pressing any button during the system check.
5. Turn the radio control unit to the "on" position.
   Whenever R.A.D.™ 2.0 Robot is in the "on" position, you will hear minor static coming from his speaker. This is normal. It is caused by the voice-link™ feature.

R.A.D.™ 2.0 Robot is now in your control!

- R.A.D.™ 2.0 Robot can be used indoors or outdoors.
  
  Indoors: R.A.D.™ 2.0 Robot will work on most surfaces including flat floors, tile, and carpet.
  
  Outdoors: R.A.D.™ 2.0 Robot can be used outdoors on hard surfaces. Do not run R.A.D.™ 2.0 Robot through WATER, SAND or lose dirt - this will damage R.A.D.™ 2.0 Robot's electronics and gears.

Speed Select:

- You can select the speed at which R.A.D.™ 2.0 Robot moves by turning the Speed Select Dial on the bottom of R.A.D.™ 2.0 Robot.

  High Speed:
  High speed is for fast motion on flat surfaces. High speed is not recommended for plush carpet or steep inclines.

  Low Speed:
  Low speed makes R.A.D.™ 2.0 Robot easy to maneuver and VERY powerful. In low speed, R.A.D.™ 2.0 Robot can go up steep inclines and be used on plush carpet. NOTE: To make R.A.D.™ 2.0 Robot climb up and down steep inclines, you may need to bend the waist (forward for inclines/back for declines) to help R.A.D.™ 2.0 Robot keep his balance.

Radio Interference:

- Interference can be caused by a variety of devices both inside and outside.
- If R.A.D.™ 2.0 Robot is not responding to the signal from the transmitter, try using R.A.D.™ 2.0 Robot in a different location or at a different time.

Controls:

- When operating R.A.D.™ 2.0 Robot, refer to the R.A.D.™ 2.0 Robot function chart. Keep in mind that the buttons on the controller refer to the direction that the R.A.D.™ 2.0 Robot's treads are moving, NOT necessarily the direction R.A.D.™ 2.0 Robot is moving.

  For example: To move R.A.D.™ 2.0 Robot forward and left, you will need to push the "Right Forward" button on the radio control unit.

- Each time R.A.D.™ 2.0 robot is turned on, it resets to the default setting which is:
  - Lights On • Sound Effect On

Missiles:

- To load missiles into R.A.D.™ 2.0 Robot, simply turn the missile shooter until the triangle markings on the cannon line up with the triangle markings on R.A.D.™ 2.0 Robot. Push the missile into the tube on R.A.D.™ 2.0 Robot's chest until it locks into place.
  WARNING: NEVER FIRE ANYTHING OTHER THAN R.A.D.™ 2.0 ROBOT MISSILES FROM THE CHEST MOUNTED CANON!

Tray:

- R.A.D.™ 2.0 Robot's tray is for transporting objects. R.A.D.™ 2.0 Robot can not bend all the way down if the tray is in place. If you want to make R.A.D.™ 2.0 Robot pick things up, you MUST first remove the tray. The tray can be removed by simply pulling it up and out.
When moving R.A.D.™ 2.0 Robot refer to the chart below.
Keep in mind that the buttons on the controller refer to the direction that the R.A.D.™ 2.0 Robot's treads are moving, NOT the direction that R.A.D.™ 2.0 Robot is moving. For example - to move R.A.D.™ 2.0 Robot forward and left, you will need to push the "Right Forward" button on the radio control unit.

If R.A.D.™ 2.0 Robot says "Warning":
- Something is blocking R.A.D.™ 2.0 Robot's path • R.A.D.™ 2.0 Robot is attempting to climb an incline that is too steep
- R.A.D.™ 2.0 Robot is lifting an object that is too heavy • R.A.D.™ 2.0 Robot's arms can not open/close any further
- R.A.D.™ 2.0 Robot's waist can not go up/down anymore.

### R.A.D.™ 2.0 Function Chart:

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
<th>Button(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forward</td>
<td>Moves R.A.D.™ 2.0 Straight Forward</td>
<td>Left Forward + Right Forward</td>
</tr>
<tr>
<td>Backward</td>
<td>Moves R.A.D.™ 2.0 Straight Backwards</td>
<td>Left Backward + Right Backward</td>
</tr>
<tr>
<td>Left Forward</td>
<td>Moves R.A.D.™ 2.0 Forward and Left</td>
<td>Right Forward</td>
</tr>
<tr>
<td>Right Forward</td>
<td>Moves R.A.D.™ 2.0 Forward and Right</td>
<td>Left Forward</td>
</tr>
<tr>
<td>Left Backward</td>
<td>Moves R.A.D.™ 2.0 Backward and Left</td>
<td>Right Backward</td>
</tr>
<tr>
<td>Right Backward</td>
<td>Moves R.A.D.™ 2.0 Backward and Right</td>
<td>Left Backward</td>
</tr>
<tr>
<td>360° Spin Right</td>
<td>R.A.D.™ 2.0 performs a tight 360° Spin to the Right</td>
<td>Left Forward+ Right Backward</td>
</tr>
<tr>
<td>360° Spin Left</td>
<td>R.A.D.™ 2.0 performs a tight 360° Spin to the Left</td>
<td>Right Forward+ Left Backward</td>
</tr>
<tr>
<td>Fire</td>
<td>R.A.D.™ 2.0 Fires Foam Missiles from his Chest Cannon</td>
<td>Fire</td>
</tr>
<tr>
<td>Talk</td>
<td>You can talk through the Microphone on the transmitter and hear your voice through R.A.D.™ 2.0's speaker</td>
<td>Talk</td>
</tr>
<tr>
<td>Lights Off</td>
<td>Turn R.A.D.™ 2.0's headlight off</td>
<td>Shift + Left Backward</td>
</tr>
<tr>
<td>Lights On</td>
<td>Turn R.A.D.™ 2.0's headlight on</td>
<td>Shift + Left Forward</td>
</tr>
<tr>
<td>Sound Off</td>
<td>Turn all sound effects off</td>
<td>Shift + Right Backward</td>
</tr>
<tr>
<td>Sound On</td>
<td>Turn all sound effects on</td>
<td>Shift + Right Forward</td>
</tr>
</tbody>
</table>

**NOTE:** R.A.D.™ 2.0 Robot is highly advanced. Maneuvering R.A.D.™ 2.0 Robot takes practice and skill.
WARNING! Do not plug anything other than specified items into the accessory port. Doing so may damage your R.A.D. 2.0 Robot.

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.

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.

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 needed.
- Consult the dealer or an experienced radio/TV technician for help.

We're Always Here to Help! We know you are going to enjoy playing with your R.A.D. 2.0 Robot

If you have any questions or comments, our Customer Service Representatives will be glad to help you.

Call: 1-800-222-9060

between 9:00am and 5:00pm EST, Monday through Friday, or write to:

TOYMAX INC. 125 East Bethpage Road, Plainview, N.Y. 11803

Please include the following information: Name of Product, Item Number, Sales Receipt, Date of Purchase, Where Purchased and a Brief Description of Problem.

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