HELPFUL TIPS:

1. FOR VOICE COMMAND TO WORK, YOU MUST SPEAK SLOWLY AND CLEARLY!

2. THE MORE YOU USE R.A.D.™ 4.0 - THE BETTER YOU WILL BECOME AT MAKING R.A.D.™ 4.0 UNDERSTAND YOU!

3. IF R.A.D.™ 4.0 DOES NOT UNDERSTAND YOUR COMMAND, REPEAT THE COMMAND CLEARLY.

4. DO NOT TALK WHEN R.A.D.™ 4.0 IS TALKING OR MAKING SOUNDS - HE WILL NOT HEAR YOU!

5. GIVE R.A.D.™ 4.0 A VERY BRIEF MOMENT AFTER HE FINISHES SPEAKING OR MOVING BEFORE YOU GIVE YOUR NEXT COMMAND!

6. THE CONTROLLER MUST BE IN R.A.D.™ 4.0’S HEAD IN ORDER TO RESPOND TO VOICE COMMANDS!

7. IF R.A.D.™ 4.0 “HANGS UP”, SIMPLY TURN R.A.D.™ 4.0 OFF AND ON.

8. IF R.A.D.™ 4.0 STOPS UNDERSTANDING YOUR COMMANDS, RECHARGE THE BATTERY.

9. IF R.A.D.™ 4.0 IS NOT RESPONDING TO COMMANDS FROM THE CONTROLLER, CHANGE THE BATTERY IN THE CONTROLLER AND/OR CHANGE THE LOCATION WHERE YOU ARE USING R.A.D.™ 4.0 AS THERE MAY BE INTERFERENCE FROM OTHER ELECTRICAL DEVICES.
OPERATING
YOUR R.A.D.™ 4.0 ROBOT:

VOICE COMMAND MODE:

- Command Mode is the mode where you control R.A.D.™ 4.0 with VOICE COMMANDS.
- WHENEVER THE CONTROLLER IS IN R.A.D.™ 4.0'S HEAD, R.A.D.™ 4.0 is in Command Mode!
- R.A.D.™ 4.0 recognizes more than 50 voice commands.

To give a voice command (refer to SPEECH TREE for Commands).
1. Say "RAD" to let R.A.D.™ 4.0 know that you want to give a command.
2. R.A.D.™ 4.0 will reply with "READY FOR COMMAND".
3. You can then give any of the commands in LEVEL 2 of the SPEECH TREE Chart.
4. Give R.A.D.™ 4.0 a very brief moment after he finishes speaking or moving before you give your next command!

"HELLO" COMMAND:
- R.A.D.™ 4.0 -say one of several greetings.
- After the reply, you will be taken back to the top of the Speech Tree and you must say "RAD" again to initiate another command.

"HELP" COMMAND:
- R.A.D. 4.0™ will provide you with information for customer service.
- After the reply, you will be taken back to the top of the Speech Tree and you must say "RAD" again to initiate another command.

"GOOD-BYE" COMMAND:
- R.A.D.™ 4.0 will say one of several greetings.
- After the reply, you are taken back to the top of the Speech Tree and you must say "RAD" again to initiate another command.
"MOVE" COMMAND:
- R.A.D.™ 4.0 will be put into MOVE MODE.
- The Middle of R.A.D.™ 4.0's eye will change to green to let you know he is ready for commands.
- Any command in the move group can be given.
- Another command from the move group can be given AFTER R.A.D.™ 4.0 has finished the previous command (within 3-4 seconds) as long as R.A.D.™ 4.0's eyes are still green.
- If R.A.D.™ 4.0's eyes change back to RED, you must say the word "RAD" followed by the word "MOVE" to get R.A.D.™ 4.0 back into MOVE MODE.
- If you want to get out of MOVE MODE, you can either:
  A. Wait 3-4 seconds for R.A.D.™ 4.0 to get out of Mode on his own.
  B. Say "RESET" - this command will bring you back to LEVEL 1 of the Speech Tree.

"DRIVE" COMMAND:
- The Drive Command will put R.A.D.™ 4.0 into DRIVE MODE.
- R.A.D.™ 4.0's head will open and you can take the controller out.
- You can now control R.A.D.™ 4.0 with the hand controller.

R.A.D.™ 4.0 WILL NOT BE IN DRIVE MODE UNTIL THE CONTROLLER IS REMOVED FROM HIS HEAD!

NOTE: Be sure to raise the ANTENNA on the controller!
TO DRIVE R.A.D.™ 4.0:

Controller Front

Right Forward
Right Backward
Listen Button
Fire Button
Shift Button
Left Forward
Left Backward
Power Button

(See R.A.D.™ 4.0 FUNCTION CHART on back).
<table>
<thead>
<tr>
<th>FUNCTION</th>
<th>BUTTON(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORWARD</td>
<td>LEFT FORWARD + RIGHT FORWARD</td>
</tr>
<tr>
<td>BACKWARD</td>
<td>LEFT BACKWARD + RIGHT BACKWARD</td>
</tr>
<tr>
<td>LEFT FORWARD</td>
<td>RIGHT FORWARD</td>
</tr>
<tr>
<td>RIGHT FORWARD</td>
<td>LEFT FORWARD</td>
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<td>LEFT BACKWARD</td>
<td>RIGHT BACKWARD</td>
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<tr>
<td>RIGHT BACKWARD</td>
<td>LEFT BACKWARD</td>
</tr>
<tr>
<td>360° SPIN LEFT</td>
<td>RIGHT FORWARD + LEFT BACKWARD</td>
</tr>
<tr>
<td>360° SPIN RIGHT</td>
<td>LEFT FORWARD + RIGHT BACKWARD</td>
</tr>
<tr>
<td>FIRE</td>
<td>FIRE MISSILES</td>
</tr>
<tr>
<td>LISTEN</td>
<td>LISTEN TO WHAT R.A.D.™ 4.0 HEARS</td>
</tr>
<tr>
<td>OPEN HEAD</td>
<td>SHIFT + FIRE</td>
</tr>
<tr>
<td>TURN ON THE SOUND</td>
<td>SHIFT + RIGHT BACKWARD</td>
</tr>
<tr>
<td>TURN OFF THE SOUND</td>
<td>SHIFT + LISTEN</td>
</tr>
</tbody>
</table>
“SPY” COMMAND:
- The Spy Command will put R.A.D.™ 4.0 into **SPY MODE**.
- **SPY MODE** is EXACTLY the same as DRIVE MODE, only R.A.D.™ 4.0 will be silent.

NOTE: In DRIVE and SPY MODE - YOU are controlling R.A.D.™ 4.0 with the Radio Control Unit - Interference can be caused by a variety of devices both inside and outside. If R.A.D.™ 4.0 Robot does not seem to be responding to the signal from the transmitter, try using R.A.D.™ 4.0 in different location or at a different time.

“GUARD” COMMAND:
- The Guard Command will set R.A.D.™ 4.0 to guard your room or any area.
- To set R.A.D.™ 4.0 to **GUARD**:
  1. Give the **GUARD** Command **RAD GUARD**.
  2. When R.A.D.™ 4.0 asks, you must say what you want your password to be. Your password can be any of the words listed in the **PASSWORD SELECT CHART** (see next page).
  3. R.A.D.™ 4.0 will confirm your password.
  4. When R.A.D.™ 4.0 says **"I WILL PROTECT YOU"**, he will begin guarding.

- In **GUARD** Mode:
  1. If R.A.D.™ 4.0 hears a loud sound, he will ask, **"WHAT IS THE PASSWORD?"**
  2. If the correct password is given, R.A.D.™ 4.0 will stop guarding.
  3. If the wrong password is given, R.A.D.™ 4.0 will arm!
  4. If R.A.D.™ 4.0 hears a sound after he is armed, he will attack!

**NOTE:** Each time R.A.D.™ 4.0 is turned “OFF” and “ON”, the password will be reset.
PERSONALIZING:

- You can change R.A.D.™ 4.0's name at any time by pressing the PERSONALIZE button (on the top of R.A.D.™ 4.0's head).
- When R.A.D.™ 4.0's asks, you must say what you want to name your "RAD".
- You can name R.A.D.™ 4.0 any of the given names listed on the NAME CHART.
- After R.A.D.™ 4.0's name has been changed, you MUST call him by the name, NOT "RAD".
- Each time that R.A.D.™ 4.0 is turned on, his name will automatically go back to "RAD".

### PASSWORD SELECT CHART

<table>
<thead>
<tr>
<th>ICE CREAM</th>
</tr>
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<tbody>
<tr>
<td>PIZZA</td>
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<tr>
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<td>HOT DOG</td>
</tr>
<tr>
<td>HAMBURGER</td>
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<td>CANDY</td>
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### NAME SELECT CHART

<table>
<thead>
<tr>
<th>RAD</th>
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<tbody>
<tr>
<td>ROBOT</td>
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<td>HAPPY</td>
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<tr>
<td>ROVER</td>
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<tr>
<td>Z-18</td>
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<tr>
<td>JOE</td>
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