



WowWee
ROBOTICS



User manual

Ages 8+
Item No. 8042

RS TRI-BOT™

A FUSION OF TECHNOLOGY AND PERSONALITY

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Thank you for purchasing Tri-bot™ from WowWee™!

Introduction

The RS symbol identifies WowWee's exclusive Robosapien™ products, which feature a unique fusion of technology and personality. Each RS product incorporates the latest in robot technology, skillfully mixed with a dynamic and entertaining personality. The WowWee Robotics [RS] symbol is a sign of quality, ensuring each customer of a unique and emotive robotic experience.

Tri-bot™ is one of the latest in the line of personal robots from WowWee™.

This innovative talking companion is more than just your average robot -- Tri-bot is fresh off the robot assembly line and is ready to interact with you, whether he is making comments or inviting you to play his built-in games! Remember though, he's only a young robot so he will need you to help him by giving him commands using the remote controller.

Take a few minutes to look through this user manual to get your Tri-bot working!

NOTE: When using Tri-bot, adult supervision is required, especially when changing the batteries.

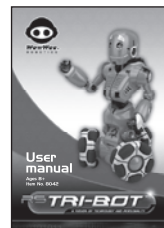
Package contents:



1 x Tri-bot



1 x Remote controller



1 x User manual

Important safety information

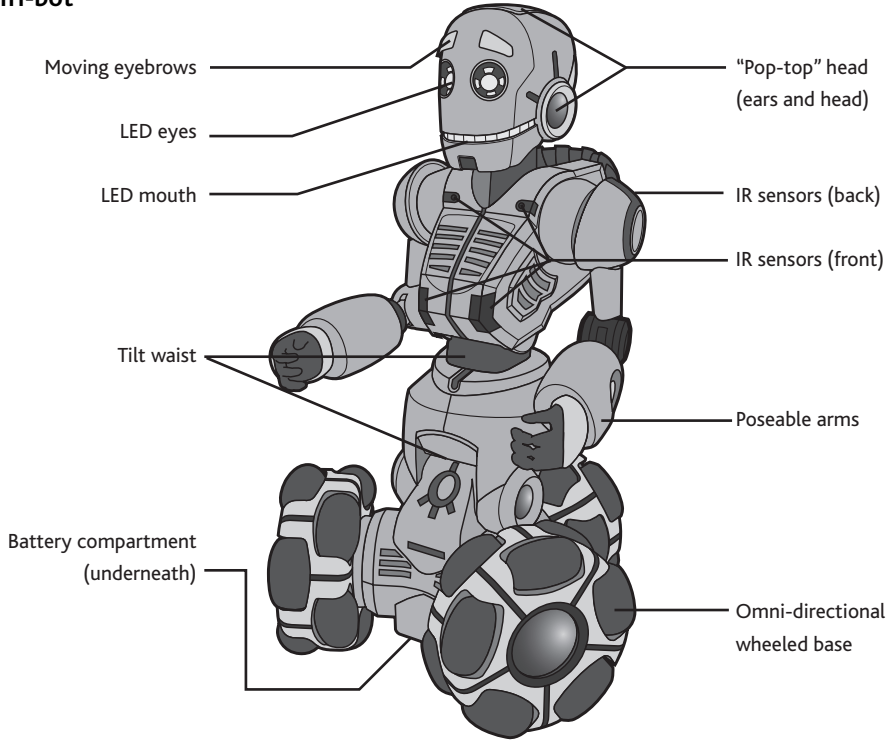
Please note the following when operating Tri-bot:

- Do not immerse Tri-bot or any parts of him in water or any other form of liquid.
- Do not drop, throw, or kick Tri-bot as this might damage his mechanical functions.

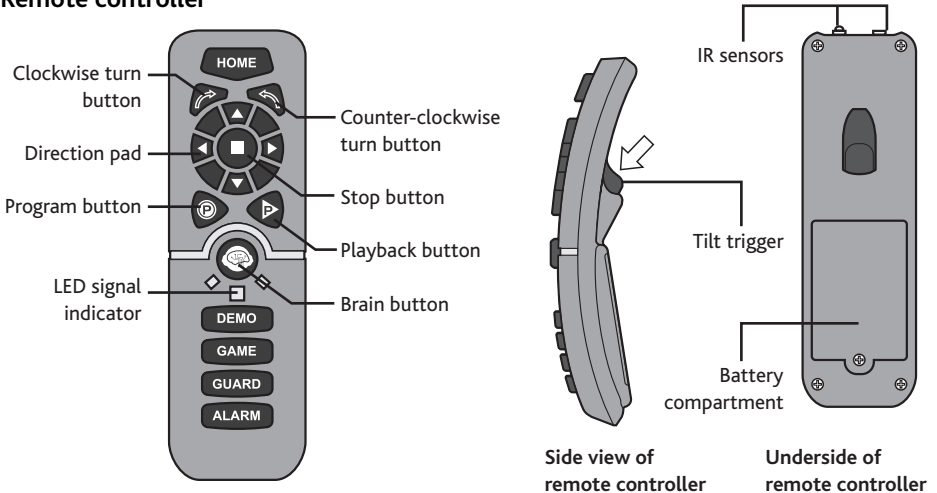
Quick overview

Quick overview

Tri-bot



Remote controller



Battery details

Battery requirements

Tri-bot requires 8 x "AA" size alkaline batteries (not included).

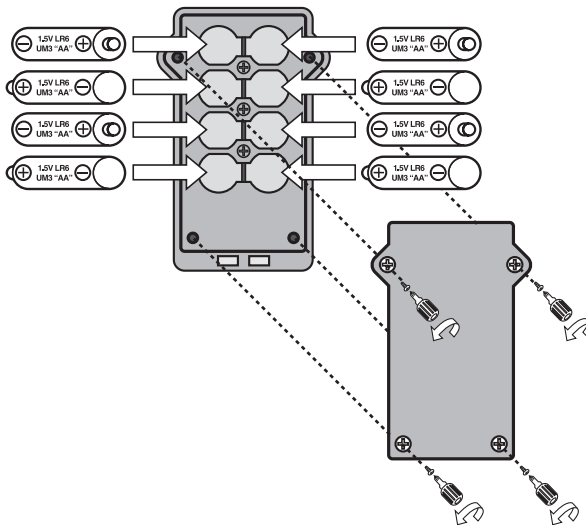
The remote controller requires 3 x "AAA" size alkaline batteries (not included).

Installing or changing batteries in Tri-bot:

To change the batteries in Tri-bot, first carefully lay him on his back. Do not balance him or place him near a table edge. Install the batteries as follows:

1. Using a Phillips screwdriver (not included) remove the screws on the battery compartment cover located on the under side of Tri-bot's wheel base.
2. Insert the batteries according to the diagram. Ensure that the positive and negative polarities match the illustrations inside the battery compartment.
3. Replace the battery compartment cover and replace the screws using the screwdriver. Do not over-tighten.

NOTE: You will know when Tri-bot's batteries are nearly depleted because he will make a comment.

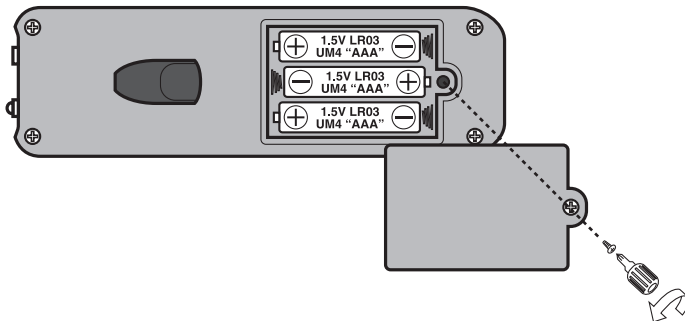


Battery details - remote controller

Installing or changing batteries in the remote controller:

1. Open the battery compartment on the remote controller using a Phillips screwdriver (not included) to remove the screw on the battery compartment cover.
2. Insert the batteries according to the diagram. Ensure that the positive and negative polarities match the illustrations inside the battery compartment.
3. Replace the battery compartment cover and replace the screw using the screwdriver. Do not over-tighten.

NOTE: The remote controller is equipped with an LED indicator that lights up when you press any button. You will know when the batteries in the remote controller are nearly depleted when the LED indicator shines dimly.

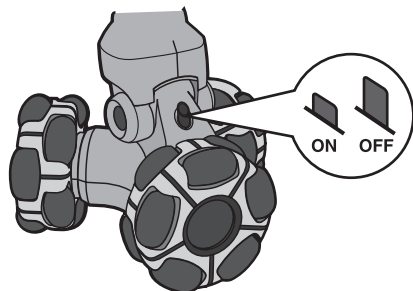


IMPORTANT BATTERY INFORMATION

- Use only fresh batteries of the required size and recommended type
- Do not mix old and new batteries, different types of batteries [standard (Carbon-Zinc), Alkaline or rechargeable] or rechargeable batteries of different capacities
- Remove rechargeable batteries from the toy before recharging them
- Rechargeable batteries are only to be charged under adult supervision
- Please respect the correct polarity, (+) and (-)
- Do not try to recharge non-rechargeable batteries
- Do not throw batteries into the fire
- Replace all batteries of the same type/brand at the same time
- The supply terminals are not to be short-circuited
- Remove exhausted batteries from the toy
- Batteries should be replaced by adults
- Remove batteries if the toy is not going to be played with for some time
- The packaging should be kept because it contains important information

Getting started

After you have inserted batteries in Tri-bot and the remote controller, you are ready to meet your Tri-bot! First, place him upright, on a large smooth, flat surface, away from edges and obstacles. Next, locate the power switch on the back, just above the wheels. Press it once to turn Tri-bot ON.



He will begin one of his many start-up routines as he introduces himself! He will rove around, speak, and his face will be animated. If you want to stop him at any time during his start-up routine, press any button on the remote controller.

Demo mode

Tri-bot has various demo routines to show his motions, animations and personality! He will tell you more about his features and even joke with you. To access these functions, point the remote controller at Tri-bot and press the **DEMO** button.

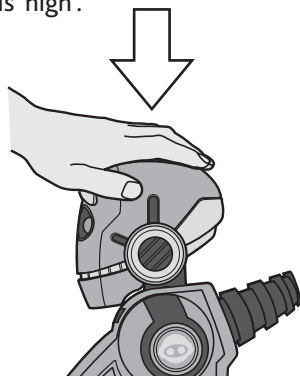
NOTE: Tri-bot moves around during any demo routine. Ensure his surrounding area is free from obstacles and edges.

Volume control

Tri-bot has three volume levels: high, medium or low. You can not change the volume when Tri-bot is in a function mode or playing a game. The best time to change the volume is when he is first turned on. The default volume is 'high'.

To change the volume, do the following:

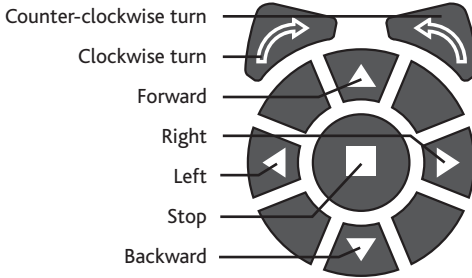
1. Gently press Tri-bot's head in a vertical, downwards direction, as shown.
2. Press his head once to set his volume to 'medium', and twice for 'low'. Pressing his head a third time will set the volume back to 'high'.



Controlling Tri-bot

Tri-bot has a three-wheeled omni-directional base. He can easily move in any direction (including diagonally), turn, and even spin on the spot. He detects signals from the remote controller regardless of the direction he is facing.

Driving control

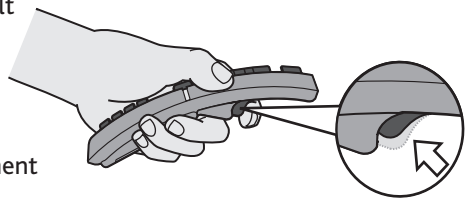


To control his movements you can use the direction pad on the remote controller. For example, press the left direction button, to move Tri-bot to his left. To make him turn on the spot, use the arrow buttons for either clockwise, or counter-clockwise turns.

As he drives around, Tri-bot can detect obstacles in his range. He can only see obstacles that are directly in front of, or behind him. He cannot detect obstacles when he is driving sideways, diagonally or turning on the spot. He talks and makes comments as he goes!

Tilt sensor control

The remote controller is equipped with a tilt sensor. You can move Tri-bot left, right, forwards and backwards by pressing the trigger located on the back of the remote controller while tilting it. Tri-bot will comment that he is ready for commands.



Remote controller direction	Tilt direction	Tri-bot's direction
	Left	Tri-bot moves to his left
	Right	Tri-bot moves to his right
	Up	Tri-bot moves backwards
	Down	Tri-bot moves forwards

The tilt sensor feature works best when you are located a few paces away from Tri-bot.

NOTE: You cannot use the tilt function to make Tri-bot turn or spin on the spot, or move diagonally.

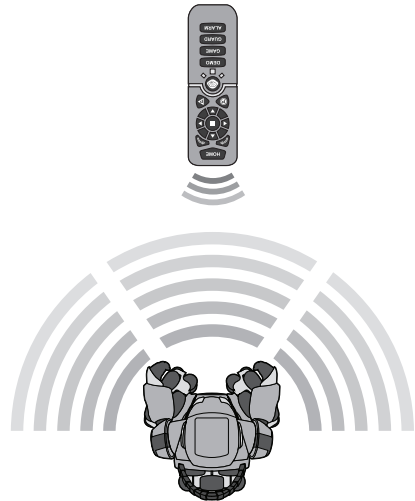
Fall detection

If Tri-bot falls over he will tell you. His wheels will automatically stop spinning, but you will need to stand him back upright to get him going again.

Homing function

Tri-bot is equipped with a homing function which allows him to follow you, or locate and move towards you. Be sure to give him time to locate you, before you start moving, if you want him to follow you.

Press and hold the **HOME** button on the remote controller. Tri-bot will look for you, and make comments as he goes. If he moves away from you, continue to press the **HOME** button as he scans the area and looks for you. If you release the **HOME** button, Tri-bot thinks he has reached home, and will make another comment. Press the **HOME** button again if you want him to continue tracking you.



NOTE: Avoid using the Homing function in a cluttered area, as it will confuse Tri-bot and make it harder for him to detect the homing signal. Tri-bot's IR sensors are based reflection. He can see highly reflective surfaces, such as white walls or mirrors more easily and from greater distances than matte or black surfaces.



Modes

Tri-bot has several different function modes and games which are described in this section.



Program Mode


In *Program Mode* you can program and store a sequence of up to 60 drive command program steps that Tri-bot can play back on request. He cannot detect or avoid obstacles while he is in *Program Mode*.

To enter *Program Mode*, do the following:

1. Press the **Program** button . Tri-bot will make a comment when he is ready to receive driving commands.
2. Use the direction pad on the remote controller to direct Tri-bot's movements. He will store the length of the movement as a single program step.
3. To add more program steps, repeat step 2.
4. If you want to add a pause to the sequence, press the **STOP** button. The length of time you hold the button will be equal to the length of the pause.
5. When you have finished, press the **Playback** button . Tri-bot will exit *Program Mode* and play the program back.

NOTE: If you do not enter any commands for approximately 30 seconds, Tri-bot will store the program and exit *Program Mode*.


6. To clear the program, enter *Program Mode* by pressing the **Program** button  and press the **Playback** button , without entering any drive instructions.

To playback the program at any time, press the **Playback** button . Tri-bot will not remember any stored programs once you turn him off.

NOTE: Tri-bot can only store one program at a time. If you store a new program, you will overwrite and delete the previously stored program.

Free Roam Mode

In *Free Roam Mode* Tri-bot can rove around his environment without your commands; he can detect and avoid obstacles as he goes, and make comments.

To enter *Free Roam Mode*, press the **Brain** button  on the remote controller. After approximately 3 minutes, Tri-bot will exit *Free Roam Mode* and go to *Standby Mode* (refer to page 11 for details). To exit *Free Roam Mode* before this, press the **STOP** button on the remote controller or press Tri-bot's head in a vertical, downwards direction.

Guard Mode

In *Guard Mode*, Tri-bot will scan his immediate environment in front of, and behind him. He will sound an alarm if he detects movement or a change to the environment.

NOTE: You cannot give Tri-bot drive commands while he is in *Guard Mode*.

To activate *Guard Mode*, do the following:

1. Press the **GUARD** button on the remote controller.
2. Tri-bot will ask you to "tap" his head. To do so, gently press his head in a vertical, downwards direction. He will then tell you that he is in *Guard Mode*.
3. When he first enters *Guard Mode* he will perform a long range scan of his immediate environment in front of, and behind him. This is approximately 4 - 6 feet (1.2 - 1.8 m) depending on the environment. If there are objects nearby he will perform a short range scan, this is approximately 12 inches (30 cm).

NOTE: If there are objects in front of, and behind Tri-bot within 12 inches (30 cm) he will not enter *Guard Mode*. Try moving him to a clearer environment.

4. If Tri-bot detects any movements or new objects, he will sound an alarm.
5. After approximately 30 minutes he will exit *Guard Mode* and wait for a command. If you do not enter a command within 10 minutes, he will enter *Standby Mode* (refer to page 11 for details).

To exit *Guard Mode* before the 30 minutes is over, press the **STOP** button on the remote controller, or press his head.

When he exits *Guard Mode* he will tell you if he saw anything.

Alarm Mode

Tri-bot is equipped with an alarm based on minute-long intervals. You can make the alarm sound from 1 to 12 minutes ahead of the time you set the alarm.

To activate *Alarm Mode*, do the following:

1. Press the **ALARM** button on the remote controller.
2. Tri-bot will ask you to “tap” his head for the number of minutes you want to wait, before the alarm sounds. For instance, if you want the alarm to sound in two minutes, gently press his head twice in a vertical, downwards direction.
3. Each time you press his head, Tri-bot will confirm how many minutes he will wait before he sounds the alarm. When you have reached the desired number of minutes, wait a few seconds and Tri-bot will tell you that he will begin countdown.
4. When the alarm sounds, Tri-bot will rove around.

To stop the alarm you will have to catch Tri-bot and press his head!

NOTE: To cancel the alarm before it sounds, press the **STOP** button on the remote controller or press Tri-bot’s head.

After the alarm sounds, Tri-bot will not be in any function mode, and is ready to receive new commands.

Standby Mode

Tri-bot is equipped with a *Standby Mode*. If you do not interact with him for approximately 10 minutes he will make a comment, and enter *Standby Mode*. To wake him you can press his head, or press any button on the remote controller.

Sleep Mode

If Tri-bot is left for approximately 10 minutes more (that is approximately 20 minutes altogether) he will enter *Sleep Mode*. To wake him from *Sleep Mode* gently press his head.

NOTE: If you are done playing with Tri-bot, remember to turn him off after he has entered *Sleep Mode*.

Games

Tri-bot has three driving-based games. Use the direction pad on the remote controller to drive Tri-bot. If you do not interact with him for approximately 3 minutes, he will ask if you want to play again. If you do not respond, he will exit *Game Mode*.

To activate *Game Mode*, do the following:

1. Press the **GAME** button on the remote controller.
2. Tri-bot will say the name of the games, pausing after each name. To select the game you want, press the **GAME** button after he says the name. If you do not select a game after he has said all of the names he will exit *Game Mode*.
3. Once you have selected a game, Tri-bot will explain the rules of the game to you, and begin!
4. To stop the game or to exit *Game Mode*, press **STOP** on the remote controller or press Tri-bot's head.

Pattern game

In Pattern game, Tri-bot will drive out a pattern on the ground and then ask you to repeat the pattern by controlling him using the direction pad on the remote controller. Tri-bot is equipped with lots of patterns for hours of fun!

Maze game

Tri-bot will drive out the shape of the maze on the ground. He will then ask you to drive him in the same pattern, using the remote controller. You have a fixed amount of time to run through the maze correctly. He makes comments as he goes to tell you whether or not you are moving in the correct direction. Drive into a maze "wall" and he will "bump" off them harmlessly. Tri-bot has lots of mazes in his memory!

Minefield game

Similar to Maze game, but with mines, Tri-bot will drive out the shape of the minefield on the ground. He will then ask you to drive him using the remote controller. You must follow the same pattern to avoid the mines! If you are facing a mine, Tri-bot will beep. If the mine is directly in front of him, he will beep more quickly. Turn away from the mine to find a clear path -- if he beeps slowly, or does not beep at all, you can move forward. If you hit a mine, Tri-bot will blow his top! He has plenty of minefields to test you!

FAQs

Q. My Tri-bot is not responding to commands from the remote controller...

A. Make sure you point the remote controller directly at Tri-bot. Verify that Tri-bot's arms are not positioned in front of the IR sensors. If they are, reposition them. If there is still no response, try changing the 3 x "AAA" size alkaline batteries in the remote controller.

Q. My Tri-bot has trouble performing turns and is moving too slowly...

A. Make sure there are neither dirt nor fibers trapped around the wheels. If there are, remove carefully with adult supervision, if required. If Tri-bot still moves slowly, try replacing the 8 x "AA" size alkaline batteries in Tri-bot.

Q. I cannot turn off my Tri-bot's alarm...

A. To stop the alarm sounding press Tri-bot's head. Refer to the 'Alarm Mode' section on page 11 for details.

Q. My Tri-bot does not respond when I use the tilt sensor function...

A. Make sure that you are holding down the tilt trigger, tilting the remote controller, and pointing it at Tri-bot simultaneously. Stand approximately 6 feet (1.8 m) away from him so that he can detect the signal easily.

Q. My Tri-bot cannot avoid obstacles...

A. Try resetting Tri-bot by turning him OFF for a few seconds and then ON again using the power switch located on the back, just above the wheels. Tri-bot's IR sensors are based reflection. He can see highly reflective surfaces, such as white walls or mirrors more easily and from greater distances than matte or black surfaces.

For more information on Tri-bot, go to
www.tri-botonline.com

If you have any questions that are not answered in this manual, refer to
www.wowweesupport.com

To see the full range of WowWee products, go to
www.wowwee.com

Limited warranty

WowWee Group Limited warrants to the original consumer purchasers that Tri-bot ("Product") will be free from defects in material and/or workmanship under normal use for a period of 90 days from the date of purchase. This Warranty is in lieu of all other express or implied warranties which might arise with respect to this Product, including the warranties of merchantability or fitness for a particular purpose. IN ADDITION, INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED BOTH FOR PROPERTY AND TO THE EXTENT PERMITTED BY LAW, FOR PERSONAL INJURY DAMAGE. Some states do not allow the exclusion of limitation of incidental and consequential damages.

Should you experience any difficulty with your Product, please return it to the place of purchase, along with an original proof of purchase, and either the original box or the UPC Code label from the box. You will receive a replacement for the Product, or be issued a refund for the purchase of the Product in the event a replacement is not available at the place of purchase. Note that this warranty is automatically void for any hardware modifications (including tampering or disassembly), accidental damage, damage outside what is considered normal use, or abuse.

This warranty does not cover any hardware, software or other add-on components installed by the end-user.

Valid only in U.S.A.

Register your Tri-bot at
www.registerwowwee.com



CAUTION

Changes or modifications 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 and 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 experienced radio/TV technician for help

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We recommend that you retain our address for future reference.

Product and colors may vary.

Packaging printed in China.

This product is not suitable for children under 3 years because of small parts - choking hazard.

MADE IN CHINA.

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