Silverlit 88493

Maze Breaker 2 Instruction Manual

Model: 88493

1. PRODUCT OVERVIEW

The Maze Breaker 2 is an interactive robot designed for children aged 3 years and up. This robot features advanced capabilities including maze navigation, line following, and loop riding. Equipped with a built-in sensor, it can accurately follow printed or drawn tracks. It also includes programmable functions, an auto-balance system for two-wheel operation, voice recording, and the ability for multiple Maze Breaker robots to interact.

Figure 1: Maze Breaker 2 Robot. This image shows the robot's design, highlighting its LED eyes and compact form factor.

2. SAFETY INFORMATION

- **Age Recommendation:** Suitable for children aged 3 years and up. Adult supervision is recommended for younger children.
- **Battery Safety:** Use only recommended battery types. Do not mix old and new batteries, or different types of batteries. Insert batteries with correct polarity. Remove batteries if the robot will not be used for an extended period.
- **Choking Hazard:** Small parts may be present. Keep away from children under 3 years of age.
- **Operating Environment:** Operate the robot on clean, flat surfaces. Avoid water, extreme temperatures, and direct sunlight.
- **Cleaning:** Clean with a dry, soft cloth. Do not use harsh chemicals or immerse in water.

3. Wʜᴀᴛ's ɪɴ ᴛʜᴇ Bᴏx

Upon opening the package, verify that all components are present:

- 1 x Maze Breaker 2 Robot
- 1 x Instruction Manual (this document)
- 1 x Maze (pre-printed)
- Other accessories as specified on packaging (e.g., track markers if included)

Figure 2: Maze Breaker 2 Packaging. The box illustrates the robot's capabilities and included maze.

4. Sᴇᴛᴜᴘ

1. **Battery Installation:** Locate the battery compartment on the robot (usually on the back or bottom).

Open the compartment cover using a small screwdriver if necessary. Insert the required batteries (e.g., AAA, not included) ensuring correct polarity (+/-). Close the compartment securely.

2. **Power On:** Locate the power switch (typically on the back or side of the robot). Slide the switch to the "ON" position. The robot's LED eyes should light up, indicating it is powered on.

3. **Initial Placement:** Place the robot on a flat, smooth surface before beginning operation.

5. OPERATING INSTRUCTIONS

5.1. Following a Track

The Maze Breaker 2 can follow a black line drawn on a white surface. Use a thick black marker (minimum 1 cm width) to draw a clear line. Place the robot's sensor (located on its underside) directly over the line. Activate the line-following mode (refer to specific button on robot, usually indicated by a line icon). The robot will then follow the drawn path.

Figure 3: Robot Following a Track. This image demonstrates the robot's line-following capability with a child observing.

5.2. Maze Navigation

The robot comes with a pre-printed maze. Place the robot at the designated start point within the maze. Activate the maze-breaking mode (refer to specific button on robot). The robot will use its sensors to

navigate and find its way out of the maze.

5.3. Programmable Functions

The Maze Breaker 2 offers basic programming capabilities. Consult the quick start guide or on-robot button labels for specific programming sequences. This typically involves pressing a record button, moving the robot manually or via simple commands, and then pressing play to execute the recorded sequence.

5.4. Voice Recording and Playback

To record your voice, locate the microphone and record button on the robot. Press and hold the record button, speak clearly into the microphone, then release the button. To play back the recorded voice, press the playback button. The robot will play your voice with a robotic effect.

5.5. Multi-Robot Interaction

Multiple Maze Breaker 2 robots can interact with each other. Ensure both robots are powered on and within close proximity. Specific interaction modes (e.g., dancing, synchronized movement) can be activated by pressing designated buttons on each robot. Refer to the robot's on-device instructions for detailed interaction commands.

5.6. Auto-Balance Function

The robot is designed with an auto-balance function, allowing it to maintain balance while moving on two wheels. This feature is typically active automatically when the robot is in motion.

6. MAINTENANCE

- **Cleaning:** Wipe the robot's exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents. Avoid getting water into any openings.
- **Storage:** When not in use, store the robot in a cool, dry place away from direct sunlight. If storing for an extended period, remove the batteries to prevent leakage.
- **Battery Replacement:** Replace batteries when the robot's performance diminishes or it fails to respond.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not power on.	Batteries are dead or incorrectly installed.	Check battery polarity. Replace with fresh batteries.
Robot does not follow the line.	Line is too thin, light, or sensor is dirty.	Ensure line is thick and dark. Clean the sensor on the robot's underside. Ensure proper lighting.
Voice recording is unclear or not working.	Microphone blocked or recording distance too far.	Speak closer to the microphone. Ensure no obstructions.
Robot moves erratically or falls over.	Surface is uneven or batteries are low.	Operate on a flat, smooth surface. Replace batteries.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	7 x 3.5 x 8 inches
Item Weight	11 ounces
Model Number	88493
Recommended Age	3 years and up
Manufacturer	Silverlit SAS
Release Date	March 8, 2024

9. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller are available for embedding at this time.

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided on the product packaging or visit the official Silverlit website. Keep your proof of purchase for any warranty claims.