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## Xtrem Bots Mazzy

# Xtrem Bots Mazzy Programmable Robot Instruction Manual

Model: Mazzy (843659803)

## 1. PRODUCT OVERVIEW

The Xtrem Bots Mazzy is an interactive and programmable robotics kit designed to introduce users to the fundamentals of robotics and programming. This kit allows for the construction of two distinct forms: a robot and a vehicle, offering versatile play and learning experiences. Mazzy features two programming modes, an obstacle detector, and a dance mode, encouraging creativity and logical thinking.



Image: The Xtrem Bots Mazzy in both its robot and vehicle configurations, alongside a tablet displaying the control application. This illustrates the two-in-one build option and app-based control.

## Key Features

- **2-in-1 Construction:** Assemble Mazzy as either a humanoid robot or a tracked vehicle.
- **Dual Programming Modes:** Program directly from the control panel or via the dedicated mobile application.
- **Interactive Functions:** Performs up to 200 actions and displays 20 unique facial expressions.
- **Obstacle Detection:** Equipped with sensors to detect and react to obstacles in its path.
- **Dance Mode:** Features a pre-programmed dance mode with accompanying sounds.
- **Bluetooth Connectivity:** Connects wirelessly to compatible devices for app control.
- **LED Lights:** Integrated LED lights enhance visual interaction.

# 2 IN 1, PROGRAMMABLE CONSTRUCTION ROBOT



**Bluethooth**



**Music and sounds**



**Control through APP**



**Programmable**



**LED lights**



**Facial expressions**

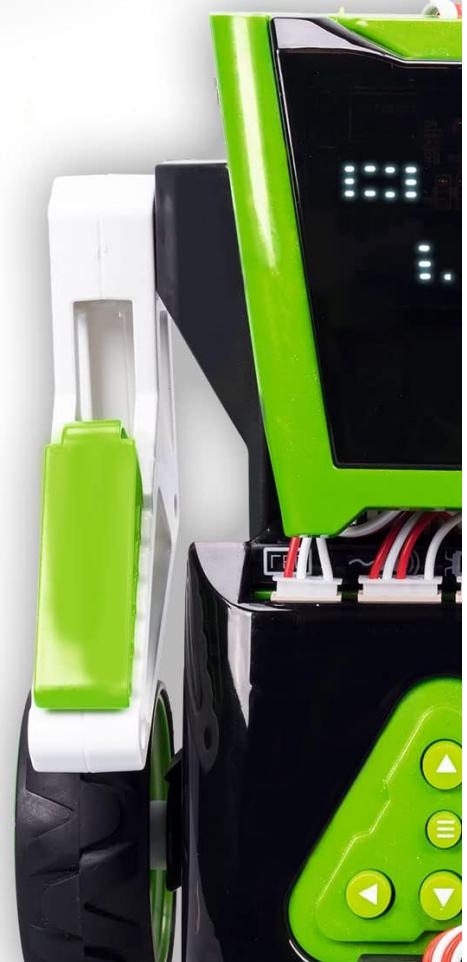


Image: A visual representation of Mazzy's core features, highlighting Bluetooth connectivity, music and sounds, app control, programmability, LED lights, and facial expressions.

## Educational Benefits

Mazzy is designed to foster critical STEM skills through hands-on engagement:

- **Robotics Fundamentals:** Introduces basic concepts of robotic construction and function.
- **Digital Literacy:** Enhances understanding of the digital world through app-based interaction.
- **Programming Skills:** Develops foundational programming logic and planning abilities.
- **Problem-Solving:** Encourages analytical thinking and problem-solving during assembly and programming.
- **Creativity:** Supports imaginative play and customization through different build options and programming sequences.

# LEARNING RESOURCES



Image: An illustration detailing the educational benefits of Mazzy, such as understanding robotics, developing planning and programming skills, and fostering creativity.

## 2. ASSEMBLY INSTRUCTIONS

The Mazzy kit includes over 100 pieces, allowing you to construct your robot in one of two forms: a robot or a vehicle. Detailed assembly instructions are provided in the included manual. Adult assistance may be beneficial for younger users.

### 2.1 Unpacking and Part Identification

Carefully unpack all components from the box. Refer to the parts list in the included instruction manual to identify each piece. Ensure all more than 100 pieces are present before beginning assembly.

### 2.2 Construction Options

Mazzy offers two primary construction options:

1. **Robot Form:** Assemble the components to create the humanoid robot.

## 2. **Vehicle Form:** Assemble the components to create the tracked vehicle.

Follow the step-by-step diagrams and instructions in the physical manual for your chosen configuration.



Image: An exploded diagram illustrating the various components of the Mazzy robot, including over 100 pieces and the two independent electric motors, essential for assembly.

## 2.3 Battery Installation

Mazzy requires **4 AA batteries** and **1 9V battery** (not included). Locate the battery compartments on the main unit. Insert the batteries, ensuring correct polarity. Secure the battery compartment covers.

### 3. OPERATING YOUR MAZZY ROBOT

Once assembled and powered, Mazzy can be operated through its onboard control panel or via the dedicated mobile application.

### 3.1 Powering On/Off

Locate the power switch on the main unit of Mazzy. Flip the switch to the 'ON' position to power on the robot. To

power off, flip the switch to the 'OFF' position.

### 3.2 App Connection (Bluetooth)

Download the official Xtrem Bots Mazzy app from your device's app store (compatible with iOS and Android). Enable Bluetooth on your mobile device. Open the app and follow the on-screen instructions to pair with your Mazzy robot. The app allows for advanced control and programming.

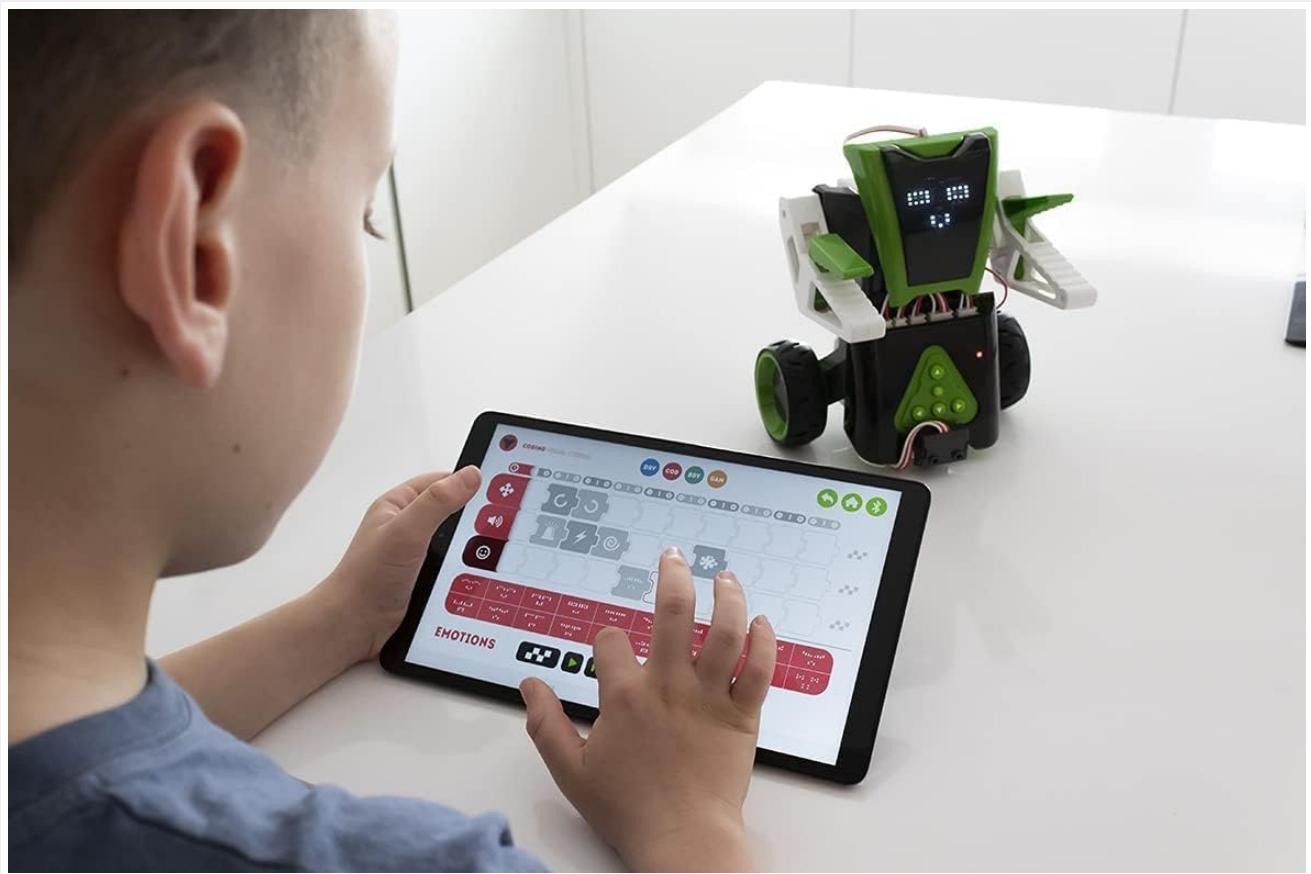


Image: A child interacting with the Mazzy robot using a tablet, showcasing the intuitive app interface for programming and control.

### 3.3 Programming Modes

Mazzy offers two ways to program its actions:

- **Control Panel Programming:** Use the buttons on Mazzy's body to input simple command sequences.
- **App Programming:** Utilize the visual programming interface within the app to create complex sequences of up to 200 actions.

### 3.4 Facial Expressions

Mazzy can display 20 different facial expressions using its LED screen. These can be programmed via the app to correspond with specific actions or emotions.

# PROGRAMMABLE



Image: The Mazzy robot's LED screen showcasing a variety of facial expressions, illustrating the programmable emotional responses.

### 3.5 Special Modes

- **Dance Mode:** Activate the dance mode for Mazzy to perform a series of movements accompanied by sounds.
- **Obstacle Detection:** In certain modes, Mazzy will automatically detect obstacles and adjust its movement to avoid collisions.

# DANCING MODE



Image: A family enjoying the Mazzy robot's dance mode, with musical notes indicating sound output, highlighting its interactive entertainment feature.

## 4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Mazzy robot.

### 4.1 Battery Care

- Always use fresh batteries of the specified type (4 AA and 1 9V).
- Remove batteries if the robot will not be used for an extended period to prevent leakage.
- Do not mix old and new batteries, or different types of batteries.

### 4.2 Cleaning

Wipe the robot's surface with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners. Do not immerse the robot in water.

## 4.3 Storage

Store Mazzy in a cool, dry place away from direct sunlight and extreme temperatures.

## 5. TROUBLESHOOTING

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If you encounter issues with your Mazzy robot, please refer to the following common solutions:

- Robot does not power on:** Ensure batteries are correctly installed and fully charged. Check the power switch position.
- Robot does not move:** Verify that the robot is in an operating mode and not paused. Check for any obstructions to its movement. Ensure motors are properly connected during assembly.
- App connection issues:** Make sure Bluetooth is enabled on your device and Mazzy is powered on. Try restarting both the app and the robot. Ensure your device meets the app's compatibility requirements.
- Incorrect movements or commands:** Review your programmed sequences in the app or on the control panel for errors.
- Parts falling off:** Re-examine the assembly steps for any loose connections or incorrectly attached pieces.

If problems persist after attempting these solutions, please contact customer support.

## 6. SPECIFICATIONS

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| Feature            | Detail                   |
|--------------------|--------------------------|
| Product Dimensions | 7.4 x 35.1 x 50.1 cm     |
| Weight             | 1.2 kg                   |
| Recommended Age    | 8 years and up           |
| Educational Value  | Programming and Robotics |
| Model Number       | 843659803                |
| Number of Pieces   | 100+                     |
| Assembly Required  | Yes                      |
| Batteries Required | Yes (4 AA and 1 9V)      |
| Batteries Included | No                       |
| Material Type      | Plastic                  |
| Color              | Black, Green             |

## 7. SUPPORT AND WARRANTY

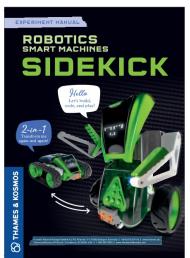
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For technical assistance, missing parts, or any other inquiries regarding your Xtrem Bots Mazzy robot, please refer to the contact information provided in the product packaging or visit the official Xtrem Bots website.

## 7.1 Warranty Information

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. Specific warranty terms and conditions may vary by region; refer to the documentation included with your product for full details.

### Related Documents - Mazzy

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><a href="#"><u>SAM Your Robotic Friend: Assembly and Instruction Manual</u></a></p> <p>Comprehensive instruction and assembly manual for the SAM Your Robotic Friend robot toy by XTREM BOTS. Includes safety warnings, maintenance tips, parts list, and step-by-step building instructions.</p>                                                    |
|   | <p><a href="#"><u>Xtrem Bots Robbie Instruction Manual</u></a></p> <p>Learn how to set up, operate, and enjoy the Xtrem Bots Robbie robot toy with this comprehensive instruction manual. Discover its functions, modes, and smart controls.</p>                                                                                                        |
|  | <p><a href="#"><u>Xtrem Bots: Interactive Robotics and STEM Toys for Kids</u></a></p> <p>Explore the world of robotics with Xtrem Bots. Discover a range of interactive toys designed to build, program, and play, fostering STEM skills and creativity in children of all ages. Featuring robots like Andy, Woki, James, Charlie, Rex, and more.</p>   |
|  | <p><a href="#"><u>Robotics Smart Machines Sidekick: Experiment Manual</u></a></p> <p>An experiment manual for the Thames &amp; Kosmos Robotics Smart Machines Sidekick, detailing assembly instructions for two robot models (rover and humanoid), app programming, and game modes. Includes safety information and historical context on robotics.</p> |