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› [Xtrem Bots](#) /

› [Xtrem Bots Sam Programmable Robot Instruction Manual](#)

Xtrem Bots Sam (843659803)

Xtrem Bots Sam Programmable Robot Instruction Manual

MODEL: SAM (843659803)

Welcome

This manual provides detailed instructions for assembling, operating, and maintaining your Xtrem Bots Sam programmable robot. Sam is designed to introduce children aged 8 and above to programming and robotics through interactive play and construction.

Safety Information

- Recommended age: 8 years and older.
- Adult supervision is recommended during assembly and initial use.
- Keep small parts away from young children to prevent choking hazards.
- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Ensure batteries are inserted with correct polarity.
- Remove batteries if the robot will not be used for an extended period.

Package Contents

Your Xtrem Bots Sam robot package includes:

- Over 130 pieces for robot assembly.
- Electronic motherboard.
- Control panel.
- 2 electric motors.
- Instruction manual with step-by-step illustrations.



This image displays the various components of the Sam robot, including the control panel, electronic motherboard, eyes with LED lights, 2 electric motors, and over 130 pieces required for assembly. An instruction manual is also shown.

Setup

Assembly Instructions

The Sam robot requires assembly. Follow the step-by-step illustrations provided in the included physical instruction manual. The assembly process involves connecting over 130 pieces to form the robot structure, integrating the electronic motherboard, control panel, and motors.

An illustrated assembly guide is provided in the box. For additional guidance, refer to the application manual available through the Xtrem Bots app.



This image illustrates the three core aspects of the Sam robot: construction with an exploded view, programming capabilities for up to 200 actions, and the two play modes (remote control and programmable) accessible via the app.

Battery Installation

The robot requires 4 AA batteries (not included). To install the batteries:

1. Locate the battery compartment on the robot.
2. Using a screwdriver, open the battery compartment cover.
3. Insert 4 new AA batteries, ensuring correct polarity (+/-).
4. Replace the battery compartment cover and secure it with the screw.

Note: Non-rechargeable batteries are specified. Do not attempt to recharge them.

App Installation and Connection

The Xtrem Bots Sam robot is controlled and programmed via a dedicated mobile application. The app is compatible with both iOS and Android devices.

1. Download the "Xtrem Bots" app from your device's app store (Apple App Store for iOS or Google Play Store for Android).
2. Ensure Bluetooth is enabled on your mobile device.

3. Turn on the Sam robot.
4. Open the Xtrem Bots app and follow the on-screen instructions to connect to your Sam robot via Bluetooth.



This image shows the various screens of the Xtrem Bots mobile application, including remote control driving, a workshop game, visual coding interface, and options for unlocking new robot skins.

Operating Instructions

Operating Modes

Sam offers two primary modes of operation:

- **Remote Control Mode:** Control the robot's movements directly using the app's remote control interface. This mode allows for real-time navigation and interaction.
- **Programmable Mode:** Create sequences of up to 200 actions using the app's visual coding interface. This mode allows users to design custom behaviors for the robot.



A child's hands are shown interacting with a tablet displaying the programming interface for the Sam robot. The image highlights the robot's ability to be programmed for up to 200 actions and its two control modes.

Controlling Sam with the App

Once connected via Bluetooth, the app provides a comprehensive interface for controlling Sam:

- **Drive:** Use the on-screen joystick or gyroscope controls to move Sam forward, backward, left, and right.
- **Coding:** Access the visual coding environment to drag and drop commands, creating custom programs for Sam.
- **Sounds and LED Lights:** Activate various sounds and control the multi-colored LED lights in Sam's eyes through the app.
- **Workshop Game:** Engage in interactive games within the app to control and fix Sam, enhancing the play experience.
- **Skins:** Unlock new screens and customization options for Sam within the app.

SOUNDS AND LED LIGHTS



The Sam robot is shown interacting with a family in a living room, emitting musical notes and glowing LED eyes, illustrating its sound and light features during play.

Care and Maintenance

- **Cleaning:** Wipe the robot with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the robot in a cool, dry place away from direct sunlight when not in use.
- **Battery Removal:** If the robot will not be used for an extended period, remove the batteries to prevent leakage and damage.
- **Component Check:** Periodically check all assembled parts to ensure they are securely connected.

Troubleshooting

- **Robot Not Responding:**
 - Ensure batteries are correctly installed and not depleted. Replace with fresh batteries if necessary.
 - Verify the robot is powered on.
 - Check Bluetooth connection between the robot and your device. Try reconnecting.

- **App Connectivity Issues:**

- Ensure Bluetooth is enabled on your device.
- Restart the app and the robot.
- Check if your device's operating system is compatible with the app.

- **Assembly Problems:**

- Refer to the detailed instruction manual for step-by-step guidance.
- Ensure all 130+ pieces are correctly identified and placed according to the diagrams.
- If parts are missing or damaged, contact customer support.

- **Unexpected Behavior:**

- Reset the robot by turning it off and on again.
- Clear any active programs in the app and try a simple command.

Technical Specifications

Feature	Detail
Model Name	Sam
Model Number	843659803
Product Dimensions (L x W x H)	50 x 7 x 33 cm (19.7 x 2.8 x 13 inches)
Weight	1.25 kg (2.75 lbs)
Recommended Age	8 years and up
Number of Pieces	130
Assembly Required	Yes
Batteries Required	Yes (4 AA batteries)
Batteries Included	No
Battery Type	Non-rechargeable
Main Material	Plastic
Connectivity	Bluetooth
Programming Capability	Up to 200 actions via app
Features	LED lights, Sounds, App Control, Remote Control, Visual Coding



The Sam robot is depicted in a home setting with a family, with an arrow indicating its height of 24 cm, providing a visual reference for its size.

Warranty and Customer Support

Specific warranty information is not provided in the product details. For warranty details, please refer to the documentation included with your purchase or contact Xtrem Bots customer service directly.

For technical support, missing parts, or further assistance, please visit the official [Xtrem Bots website](#) or contact their customer support channels.