



## **TTR-893 Teach Tech Zivko The Robot**



# **Elenco TTR-893 Teach Tech Zivko The Robot User Manual**

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**Elenco TTR-893 Teach Tech Zivko The Robot**



**Launch Date:** August 31, 2019.

**Price:** \$74.59

## Introduction

When kids are learning about robotics and artificial intelligence, the Elenco TTR-893 Teach Tech Zivko The Robot is a fun and interesting teaching robot. This kit is for kids ages 10 and up and lets them build and program things with their hands. This helps them learn how to solve problems, think critically, and be creative. Zivko has sensors that let it do different things, follow directions, and avoid barriers. It also has two modes, "Follow" and "Explore," that make learning about AI fun and engaging. Kids can learn important STEM skills while having fun making and programming a real robot with this toy.

## Specifications

### Measurements:

- **Item Weight:** 1 Pound
- **Number of Pieces:** 100
- **Item Dimensions:** 14.5" L x 9" W x 3" H
- **Unit Count:** 1 Count

### Style & Design:

- **Color:** Elenco Teach Tech “Zivko the Robot”
- **Collection Name:** Elenco – Robots
- **Occasion Types:** Ideal for 10–13-year-old birthdays
- **Theme:** Robot, Robots

#### **Materials & Care:**

- **Finish Type:** Glossy
- **Material Type:** Plastic
- **User Guide:** Included
- **Required Assembly:** Yes, assembly is required for building the robot.

#### **Manufacturer Details:**

- **Minimum Age (Months):** 120 months (12 years and older)
- **Required Assembly:** Yes
- **Global Trade Identification Number (GTIN):** 00756619012759, 39254857646306
- **Model Name:** Zivko the Robot
- **Model Number:** TTR-893
- **Brand Name:** Elenco
- **Toy Figure Type:** Miniature Figure
- **Subject Character:** Robot
- **Number of Batteries:** 4 AAA batteries required (not included).
- **Play Activity Location:** Tabletop
- **Is Autographed:** No
- **Batteries Required:** Yes, for operation.

#### **Package Includes**

- 1 x Elenco TTR-893 Teach Tech Zivko Robot
- 1 x Instruction Manual
- 1 x Remote control for programming (if applicable)
- 1 x Set of sensors
- 1 x Set of motors
- 1 x Set of assembly tools
- 1 x Battery compartment (batteries not included)

#### **Features**



1. **Interactive and programmable:** The Zivko robot is fun to play with because you can teach it simple orders like how to move forward or backward, turn, and do certain tasks. By letting users control and change the robot's behavior, it pushes them to learn how to code.
2. **Educational Design:** Zivko was made to help people learn about basic robotics ideas, like how circuits and sensors work and how to program a robot to do things. Anyone who wants to learn more about robotics and science should start with this robot.
3. **Sensor-Based Navigation:** Zivko can find objects in its way and get around them because it has built-in sensors. This sensor-based navigation mimics how robots act on their own in the real world and shows people how robots interact with their surroundings, giving them an introduction to autonomous systems.
4. **Hands-On Assembly:** One of the coolest things about the Zivko robot is that people can put it together themselves. This process helps kids learn how to solve problems and gets them started with building ideas. It lets kids learn in a fun, hands-on way that gives them the power to figure things out.
5. **Multiple Movements:** Zivko can move in many ways and can be programmed to do many things, like dancing, avoiding obstacles, or even turning at certain angles. This makes the robot more flexible, which makes it better at doing difficult jobs and more fun, which keeps kids interested.
6. **Functionality for Remote Control:** Zivko can be handled by a remote (if it comes with your model), which lets users run the robot in real time. This lets you control the robot with your hands, which makes it more fun and involved. The remote control also makes it easy to use several pre-programmed features.
7. **Build Robots That Work:** The Zivko kit is fun and educational for kids ages 10 and up, and it helps teach mechanical engineering. Building a real, working robot helps kids learn by making the complicated world of robotics easier to reach and understand through step-by-step instructions.
8. **Technology Using Artificial Intelligence:** Zivko has two different modes, "Follow" and "Explore," that help

young students learn about AI and how it works in robots. The “Follow” mode lets the robot follow a person, and the “Explore” mode lets the robot explore its surroundings on its own, which gets people interested in AI technologies.

9. **Check Out All of Its Features:** Zivko can get around barriers, follow people, and use sound and light effects to respond to its surroundings. These features make the robot more interesting and let you connect with it more. Kids can learn about AI and sensor-based technology by playing with the robot and seeing how it interacts with its surroundings.
10. **Not Just Robots:** The Teach Tech Zivko kit does more than teach robots; it also encourages kids to think critically, solve problems, and be curious. Kids learn useful skills that help them in many areas of life and school by building and controlling the robot. This makes it a complete learning tool.
11. **Hands-On Fun:** The Teach Tech kit makes learning STEM subjects (Science, Technology, Engineering, and Math) more fun by putting all of these things into one fun product. Building and controlling a robot is fun for kids, and it also helps them learn useful skills like problem-solving and critical thinking.
12. **STEM Development:** Zivko is a great way to get kids interested in STEM topics. It helps schools grow in many ways, such as by teaching science and technology, encouraging a love of learning, and boosting engineering and technology skills.
13. **Making learning robotics and programming fun:** Zivko’s sound effects, movements, and light responses make learning robots and programming feel like a game. This fun part makes kids want to keep studying and learning about robotics without getting too stressed out.
14. **Strong and Reliable:** Zivko is made from strong materials that are designed to last for a long time. Its strong construction means that it will keep working for many learning and playing sessions, making it an investment in education that will last for a long time.
15. **Instructions That Are Easy to Follow:** The Zivko robot comes with simple, clear instructions that make it simple for kids to put together and program. The step-by-step instructions are meant to be easy to understand so that kids can build the robot with little help from an adult.

## Usage

- **Home Learning:** Ideal for kids and young learners who are interested in robotics and programming.
- **Classroom Activities:** A great tool for STEM teachers to demonstrate basic robotics and programming principles.
- **Hobby Projects:** Can be used for DIY robotics projects and experiments, offering a fun and educational experience.
- **Programming Introduction:** Introduces children to the concepts of programming through simple instructions and interactive features.

## Care and Maintenance

1. **Battery Care:** Replace the batteries regularly to ensure optimal performance. Always use fresh, high-quality AA batteries to avoid damage to the robot.
2. **Cleaning:** Clean the robot’s exterior using a soft, dry cloth. Avoid using harsh chemicals or abrasive materials, as they may damage the surface.
3. **Storage:** When not in use, store the robot in a cool, dry place. Avoid exposure to moisture or extreme temperatures, as this could damage the internal components.

4. **Inspect Components:** Regularly inspect the sensors and motors for any signs of wear or damage. Ensure all parts are securely attached before use.
5. **Remote Control Care:** Keep the remote control in a safe place and ensure the battery is replaced when needed.

## **Troubleshooting**

### **Robot Won't Turn On:**

- Ensure that fresh AA batteries are installed correctly in the battery compartment.
- Check that the battery contacts are clean and make a proper connection.

### **Robot Isn't Responding to Commands:**

- Ensure the remote control (if applicable) has working batteries.
- Check that the robot is within the operating range of the remote.
- Reset the robot by turning it off and on again.

### **Zivko Robot Moves Erratically or Doesn't Move:**

- Check if the wheels and motors are properly assembled and connected.
- Ensure the sensors are clean and not obstructed by dirt or debris.
- If the robot moves erratically, try reprogramming it or adjusting its settings.

### **Robot's Sensors Aren't Detecting Obstacles:**

- Clean the sensors with a soft cloth to remove any dust or dirt.
- Ensure the sensors are positioned correctly on the robot for optimal detection.

### **Poor Battery Life:**

- Ensure high-quality AA batteries are used.
- If the robot has been left on for extended periods, turn it off when not in use to preserve battery life.

## **Pros and Cons**

### **Pros**

- Encourages STEM learning through interactive play.
- Dual-function modes enhance engagement.
- Simulates emotional responses, making it relatable for children.

### **Cons**

- Requires assembly, which may be challenging for some users.

- Battery life may vary based on usage patterns.

## Contact Information

- 150 Carpenter Ave. Wheeling, IL 60090
- [847-541-3800](tel:847-541-3800)

## Warranty

Elenco provides a limited warranty on Zivko The Robot against manufacturing defects. Please refer to the warranty documentation included in the packaging for specific terms and conditions.

## FAQs

What is the Elenco TTR-893 Teach Tech Zivko The Robot?

The Elenco TTR-893 Teach Tech Zivko The Robot is a STEM robot kit that allows users to assemble, program, and control the robot to perform various tasks, introducing kids to basic robotics and AI technology.

What age group is the Elenco TTR-893 designed for?

The Elenco TTR-893 is recommended for kids aged 10 years and older, making it an excellent educational tool for pre-teens and teens interested in robotics and STEM fields.

What are the two main modes of the Elenco TTR-893 Zivko robot?

The Elenco TTR-893 Zivko robot features two modes: Follow and Explore. These modes teach users about AI and enable the robot to navigate its environment autonomously.

How does the Elenco TTR-893 Zivko robot navigate obstacles?

The Elenco TTR-893 Zivko is equipped with sensors that allow it to detect and avoid obstacles while moving around, simulating autonomous behavior.

What educational concepts does the Elenco TTR-893 teach?

The Elenco TTR-893 teaches various STEM concepts, including mechanical engineering, artificial intelligence, robotics, circuits, and programming, making it a hands-on learning experience.

How does the assembly process work for the Elenco TTR-893?

The Elenco TTR-893 requires assembly, where users can put together the components of the robot, gaining hands-on experience with basic engineering concepts.

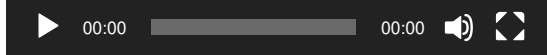
What are the battery requirements for the Elenco TTR-893 Zivko robot?

The Elenco TTR-893 Zivko robot requires 4 AAA batteries to operate, which are not included in the kit.

What kind of learning experience does the Elenco TTR-893 offer?

The Elenco TTR-893 offers a fun, interactive learning experience that introduces kids to STEM concepts, enhancing problem-solving and critical thinking skills through robotics.

### Video-Elenco TTR-893 Teach Tech Zivko The Robot



[References.plus/wp-content/uploads/2024/12/Elenco-TTR-893-Teach-Tech-Zivko-The-Robot.mp4](https://www.references.plus/wp-content/uploads/2024/12/Elenco-TTR-893-Teach-Tech-Zivko-The-Robot.mp4)  
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