

Experiential Robotics Platform (XRP) Chassis with Plastic Parts - Beta

SKU: ROB-25002

Product Overview

The Experiential Robotics Platform (XRP) is a hands-on, comprehensive robotics platform and includes everything needed to build and program a robot to perform beginning through advanced tasks - building the foundation for innovative thinking, science, engineering, and problem solving. The platform provides:

- Progression from fundamental robotics to driving, line following, using sensors, using a robotic arm, and culminates in building an autonomous delivery robot
- Coding environment includes Blockly tools/libraries, Python, and the FIRST® Robotics coding development tool, WPILib
- Easy-to-assemble hardware kit that can be assembled completely tool free (no soldering, no screws)
- Online activities and modules that build on one another
- Content designed for middle and high-school students and beginners
- Jumping off point for customizing the robot in countless ways

Includes:

- 1x Single Part Frame
- 1x Reflectance Sensor Bracket
- 1x Peripheral - Ultrasonic Clip
- 1x Lifter Hook
- 1x Lifter Clip
- 1x Battery Cover
- 2x Wheel