

[Click Here](#)



Heathkit hero 1 manual

Hero 1 manual. Heathkit hero-1.

Heathkit Hero Robots MENU HERO 1, an educational robot, features advanced attributes like flexibility, power, and intelligence. Its on-board microprocessor allows programming in machine language or the higher robot command language. Seven stepper motors control movements, while powerful front wheel DC motors enable exceptional maneuverability. The robot's top-mounted breadboard enables users to conduct experiments and interface circuits of their own design with the on-board microprocessor. There are four methods for commanding HERO 1: a top-mounted keyboard for entering, verifying, and modifying programs; an attachable Teaching Pendant for controlling motor and arm movements or storing them for later duplication; remote control via radio frequency transmitter; or linking directly to a host computer using the optional Memory Expansion Board and RS-232 Interface. HERO 1 is powered by four rechargeable gel cell batteries and comes with a charger. The robot measures 20 inches high, 18 inches in diameter, and weighs 39 pounds with accessories. Optional components include a robot arm, speech module, remote control, and various ROM modules for programming HERO 1's actions. The HERO 1 robot offers four command methods: keyboard input, a teaching pendant, remote control via radio frequency transmitter, and computer interface using an optional memory expansion board. This versatile tool allows users to design and interface custom circuits with the on-board microprocessor. A top-mounted breadboard enables experiments and programming, while four rechargeable batteries power the system. The robot's dimensions are 20" high and 18" in diameter, weighing 39 lbs with accessories. For educational purposes, HERO 1 serves as an ideal teaching tool for learning robotics components, circuitry, and artificial intelligence. Additional options include various arm attachments, speech capabilities, remote control upgrades, memory expansion, demo ROMs, and a RS-232 serial interface.