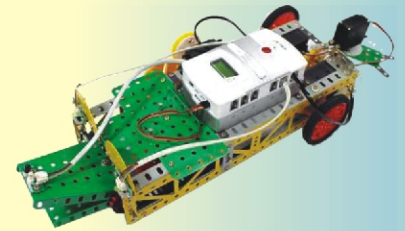


ROBOT DEVELOPMENT KIT

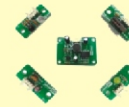
KE - ROBOKIT1

- ✦ Robot Development Kit, KE- ROBOKIT1 is a comprehensive Do-It-Yourself kit which allows users to build various Robots using different modularized frames, pulleys, gears, bolts, nuts, etc.
- ✦ It teaches users how to logically program, sense the environment & control actuators.



COMPONENT SET

- ✦ Assembly parts for making various models.
- ✦ Sensors like light, touch, infrared, sound.
- ✦ DC motor.
- ✦ Servo motor.



SOFTWARE

- ✦ Manage a programming process easily using Graphical User Interface.
- ✦ Users can make a program by simple drag of icon that is initially installed for a certain motion.
- ✦ Multiple Program structure for performing various actions simultaneously.
- ✦ Compatible with C program.
- ✦ Controller functions can be tested in real time.

CONTROLLER

- ✦ Easy management through Controller status on LCD window.
- ✦ Wide Range of application through 10 ports (For both input / output mode).
- ✦ USB download is supported.
- ✦ Maximum 7 servo motors are available for its application without the complicated programming process.

CURRICULUM

- ✦ There are 8 levels with 8 workbooks.
- ✦ 2 levels can be conducted for 6 months based on 1 class per week.

Level 1~2

Course for studying the principle of a machine structure. Users can learn machine parts, safe structure and principle of simple machines such as gear & belt.

Level 3~4

Course for applying the method of transmission for the power with use of motor. Users can learn the principle of motor, accelerator, deceleration, power & action.

Level 5~6

Course for studying the principle of Sensors & Robot programming. Users can learn how to apply the software and build the robot step by step.

Level 7~8

Course for development of creativity to build a robot. Users can learn how to use IR, CDS, Mic, Limit, sensors, algorithm, robot design & complicated programming.

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