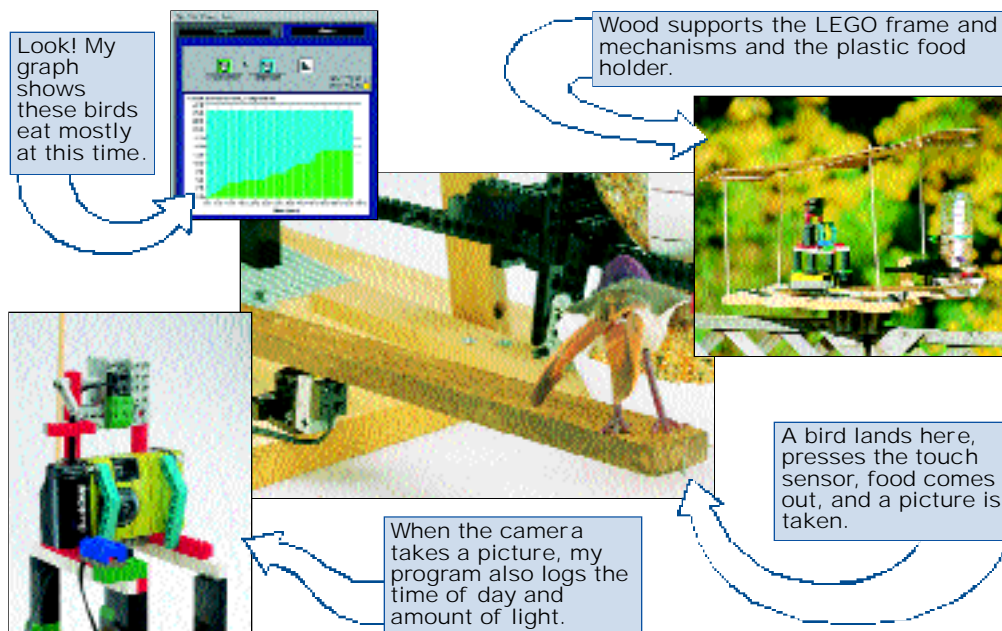




A NEW APPROACH TO DATA LOGGING FROM LEGO DACTA

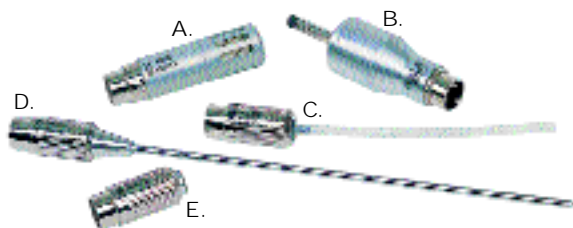
Students are naturally curious and ask many questions. They love science, technology, and other activities in which they create and explore. Using the power of the LEGO RCX programmable brick, the ROBOLAB software, and their own imaginations, students INVENT instruments so they can INVESTIGATE and find answers to their questions. They become scientists and engineers, using technology to learn in a powerful way.

What types of birds live in my backyard? How often do they eat? Do they eat the most in the morning? Which food do they like the best? Which type of bird eats the most?



DCP SENSORS **NEW**

DCP produces data-logging products that are used throughout the world.



A. HUMIDITY SENSOR
0-100% relative humidity over a temperature range of -20°C to +80°C
D990250—\$179

B. AIR PRESSURE SENSOR
0-200 kPa (approx. 0-30 psi)
D990253—\$135

C. MOTION SENSOR
360-degree rotation, 340 degrees measured
D990248—\$95

D. PROTEMP SENSOR
-30°C to +130°C
D990249—\$49

E. SOUND SENSOR
50dBA to 100dBA; frequency response is nominal A-weighted
D990247—\$75

PH SENSOR (NOT PICTURED)
Works with pH electrodes with an output of 59.1 mV per unit of pH at 25°C.

D990251—\$75
VOLTAGE SENSOR (NOT PICTURED)
+/- 25 volts DC; resistance over probes: 410 ohms
D990252—\$49

DCP SENSOR PACK
All seven of the above sensors!
D990254—\$625

NOTE: EACH DCP SENSOR LISTED ABOVE MUST USE A LEGO - DCP SENSOR ADAPTER (#779917) SHOWN ABOVE.



LEGO - DCP SENSOR ADAPTER **NEW**

This adapter allows you to connect DCP's range of sensors directly to the RCX. Using the ROBOLAB Investigator software, you can now include a broader range of sensors into your robotics and science activities. Remember, each RCX can only have three sensors connected at one time.

D779917—\$53.75

ROBOLAB INVESTIGATOR CD, TEACHER'S GUIDE PART II, AND LEGO - DCP SENSOR ADAPTER

This package includes everything required to begin data logging with the RCX. Just choose the sensors you need to conduct your science experiment.

D990246—\$121

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STANDARDS

These activities meet or exceed national standards in the areas of math, science, and technology. For information about correlations to standards in your state, contact your regional sales representative or visit our Web site:
www.pitsco-legodacta.com/html/standards.html

12 Section Supplements

The RCX microcomputer is the heart of the ROBOLAB system. It receives programs from the ROBOLAB software (PC or Mac) via an infrared computer link, storing up to five programs at a time. The RCX then runs the programs when activated.

Up to three inputs can be used by the RCX to sense events in its environment, which in turn can determine what the three outputs will do to react to the sensing data.

The RCX is great for modeling and experimenting with robotics, machines, vehicles, manufacturing systems, . . . anything that can be controlled using inputs and outputs!



EXCLUSIVE

INFRARED TRANSMITTER AND CABLE PACK (PC AND MAC) #979713

Connects to a serial COM port on the computer. Allows the user to download programs from a computer into the RCX. We recommend purchasing one per computer.

D979713—\$26

EXCLUSIVE

THE RCX, ROBOTICS COMMAND SYSTEM #979709

A programmable LEGO computer. Comes with five built-in programs. Use the ROBOLAB software to create and download new programs into the RCX memory.

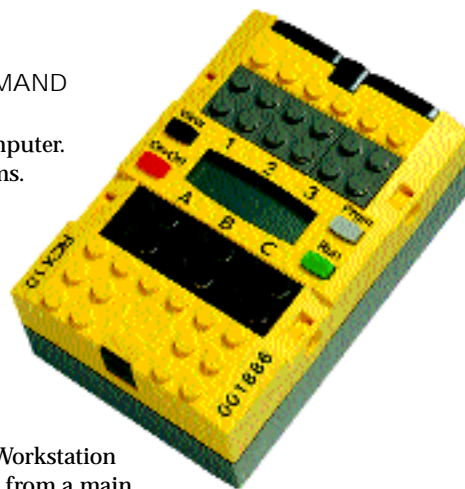
D979709—\$124.25

EXCLUSIVE

ADAPTER #979833

(Optional. Not included in Workstation Pack) Allows the RCX to operate from a main power supply rather than from batteries. We recommend purchasing one per RCX.

D979833—\$19.50

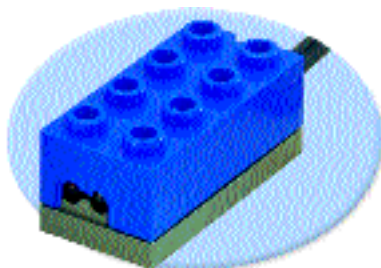


New

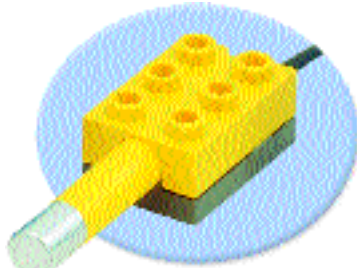
ENTREGA USB ADAPTER

The USB adapter from Entrega allows you to connect the *Infrared Transmitter* to your iMac or iBook (using a Mac cable). You will need one for each computer you will be using. Software for connection is included.

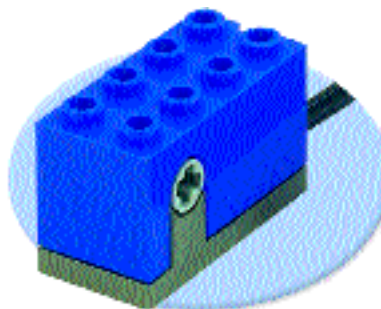
D990243—\$59



LIGHT SENSOR
0.6 to 760 Lux
D779758—\$22



TEMPERATURE SENSOR
-20°C to +50°C
D779755—\$27.50



ROTATION SENSOR
16 positions per rotation; max.
500 RPM
D779756—\$16.50

New

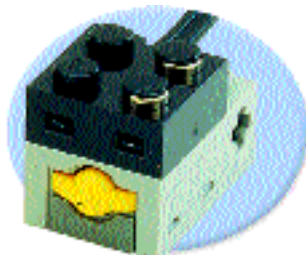
LEGO SENSOR PACK

Includes one each of the following sensors: *Temperature, Light, Rotation and Touch*

D900098—\$70



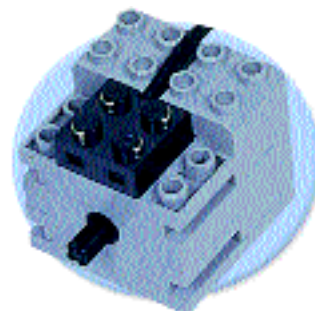
1 X 2 LAMP BRICK 9V
(WHITE) 2 PCS
D970005—\$10



TOUCH SENSOR AND LEADS (9-VOLT)
D779757—\$11



MICROMOTOR
D775119—\$10.25



9V MOTOR W/GEAR REDUCTION
D775225—\$16.25

Order Online!
www.pitsco-legodacta-store.com