



DIGITAL COMPUTER Wrist Watch

flashes exact hour, minute, and date at a glance

Sweep-second hand for split-second accuracy

only **\$19.95**

Just read the numbers in the 3 windows, and you've got the hour, minute, and date at a glance—with this space-age triumph of Swiss watchmaking skill! Amazingly accurate, amazingly easy to read! Precision, shock-resistant, antimagnetic timepiece has Swiss movement, unbreakable main-spring! Handsomely designed with gold-tone color case, brushed chrome back, genuine leather strap. Unbeatable for precision timing, easy reading, and exciting value! A most unusual gift!

10 day money-back guarantee: 1-year warranty.

LABORATORY TESTS CONFIRM SCIENTIFIC "MIRACLE"

NOW YOUR OLD BATTERY CAN ACT YOUNG AGAIN!

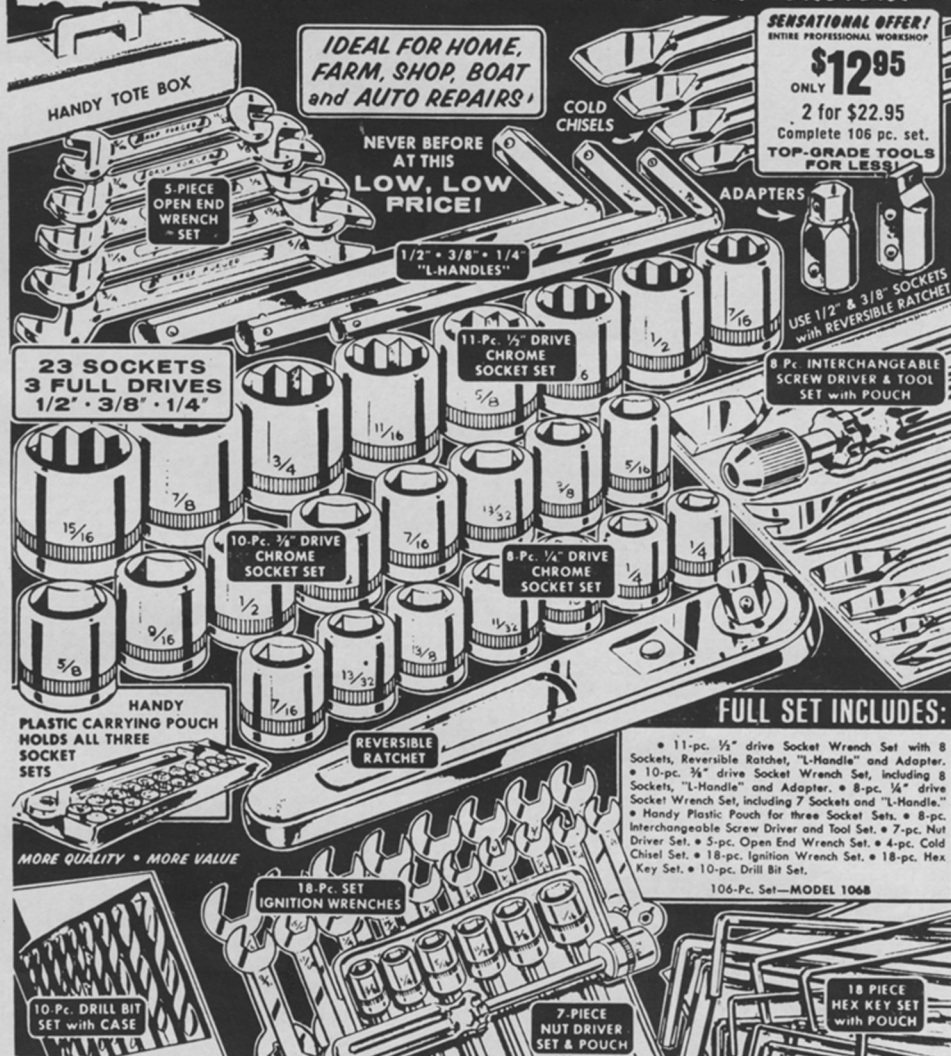
NEW BATTERIES STAY YOUNG LONGER

One treatment with Sure Start Battery Additive lasts for the life of your car! So don't junk your old batteries—zoom them back to useful extra life...with Sure Start Battery Additive! Put Sure Start in your new battery to keep it young longer. For your car, truck, tractor, boat—works in any 6 or 12 volt storage battery. Order today.

\$2.95 each — 2 for \$4.50

(1 tube restores any 6 or 12 volt battery)

106 Pcs. PROFESSIONAL SOCKET WRENCH & TOOL SET
DO ANY JOB · FASTER · BETTER · EASIER!



IDEAL FOR HOME, FARM, SHOP, BOAT and AUTO REPAIRS!

NEVER BEFORE AT THIS LOW, LOW PRICE!

SENSATIONAL OFFER! ENTIRE PROFESSIONAL WORKSHOP ONLY **\$129.95** 2 for \$229.95 Complete 106 pc. set. TOP-GRADE TOOLS FOR LESS!

USE 1/2" & 3/8" SOCKETS with REVERSIBLE RATCHET

8 Pcs. INTERCHANGEABLE SCREW DRIVER & TOOL SET with POUCH

FULL SET INCLUDES:

- 11-pc. 1/2" drive Socket Wrench Set with 8 Sockets, Reversible Ratchet, "L-Handle" and Adapter.
- 10-pc. 3/8" drive Socket Wrench Set, including 8 Sockets, "L-Handle" and Adapter.
- 8-pc. 1/4" drive Socket Wrench Set, including 7 Sockets and "L-Handle."
- Handy Plastic Pouch for three Socket Sets.
- 8-pc. Interchangeable Screw Driver and Tool Set.
- 7-pc. Nut Driver Set.
- 5-pc. Open End Wrench Set.
- 4-pc. Cold Chisel Set.
- 18-pc. Ignition Wrench Set.
- 18-pc. Hex Key Set.
- 10-pc. Drill Bit Set.

106-Pc. Set—MODEL 106B

106 WAYS TO SAVE BIG MONEY YEAR AFTER YEAR!

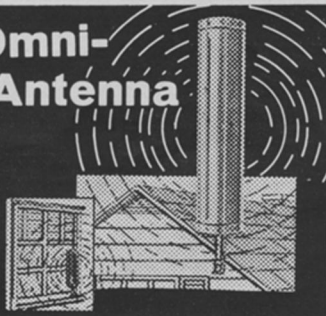
Home handyman, amateur mechanic, or just plain tinkerer — here's your chance to get a whole workshop of professional quality hand tools . . . in their own handy tote box — all at an

unbeatable low price! Equip yourself with this tremendously versatile, amazingly complete outfit . . . and you're ready for just about any repair job that comes along!

Revolutionary New Omni-Directional Outdoor Antenna

PULLS IN 360° CIRCLE, SHARP & CLEAR!
Receives signals over 75 mile radius

SKYPROBE Pulls in Color and Black & White TV (UHF & VHF), AM-FM Stereo Multiplex Radio ...from Every Direction—over a 75 Mile Radius!



OUTPERFORMS COSTLY ROOF ANTENNAS 20 TIMES ITS SIZE!

- Cylinder shape replaces costly motorized antenna systems!
- Highest gain ratio—for strongest signal!
- Chromatically adjusted for perfect color and black & white!
- Clearest sound reception!
- 3 separate reception units—two for TV, 1 for FM-Stereo!
- Pre-assembled with 2 30-Foot lead-in wires—one for TV—one for FM-Stereo!
- Only 18" high—mounts outside window or on roof!
- Practically windproof!
- No exposed metal—can't corrode!
- One full year mechanical warranty!

Pre-assembled—includes all hardware and accessories . . . so you can mount it yourself in minutes!

You just can't begin to imagine how sharp the pictures and how clear the sound you can receive in your own home, until you've installed this revolutionary new SKYPROBE omni-directional antenna system! SKYPROBE — the result of advanced electronic research — with a uniquely efficient cylinder shape and a superior integrated component system — reaches out to pull in signals over a 360° circle . . . over a radius of up to 75 miles! Color pictures come in snow-free and stable in critical color and contrast! Your TV set and FM receiver work at their fullest potential! You couldn't get better results from a motorized, rotating antenna system selling for 10 times SKYPROBE'S low price! ONLY \$12.98.

SEND COUPON TODAY—MONEY BACK IF NOT DELIGHTED

JAY NORRIS CORP., Dept. JB-13
31 Hanse Ave., Freeport, N.Y. 11520

Please rush me the following:

Quan.	Item	Size	Price
			\$
			\$
			\$
			\$
	Add 10% for postage & handling		\$
	TOTAL		\$

Enclosed is check money order for \$ (Add 10% for postage & handling)

Charge to my American Express, Diners Club BankAmericard Master Charge

Acct. # _____

(Signature) _____

Name (Print) _____

Address _____

State _____ City _____ Zip _____

Circle No. 7 on Readers' Service Card





AMERICA'S GREATEST VALUES IN SCIENCE LABS AND COURSES!

Now! Space Age Science for Everyone AMAZING KIT-A-MONTH CLUB

You Get ALL the following in nine monthly kits!

NO EXPERIENCE NECESSARY
Everyone will enjoy the easy-to-use equipment and exciting, learn-by-doing courses. It's easy—it's fun!

DEVELOPED BY TOP SCIENTISTS
The ABC Club program is a real science course developed with world famous Southwest Research Institute—a non-profit public service organization, nationally recognized as the center of scientific research in the Southwest.

EQUIPMENT IS GOOD QUALITY
These kits are not toys. They consist of standard components by Centralab, General Electric, Strobelite, Leviton, Precision Tube, Cinch-Jones, Mallory, Lancaster Lens, General Instrument, Trum, RCA, Stackpole, Eastman Kodak and other reliable manufacturers.

NO SPECIAL TOOLS REQUIRED
All you need are a screwdriver and pliers. Also included: hardware, wire, solder, etc.

FUN FOR THE WHOLE FAMILY
This program offers such a variety of activities that every member of the family can find a field of interest. In many homes, working with the kits is a family affair enjoyed by all.

INVALUABLE FOR STUDENTS
Makes school science fascinating and easy. Gives students a real head start. The kits are a valuable source of ideas and equipment for school projects.

MEMBERS ARE ENTHUSIASTIC
Over 50,000 members have successfully used and enjoyed these kits. All the projects are proven and practical.

"Every kit is very complete in explanation, illustrations, materials, hardware and extras. This is what I like."
F. Batorick, Manhall, Pa.

"I have enjoyed every kit. I wish I could give them to all my students."
Allen T. Ayers, Physics Dept., Jamestown High School, Jamestown, New York.

"Hard-to-get equipment at a great price. Thanks to your kits I am enjoying new fields of science."
J. Allemon, White Springs, Illinois.

"The ABC Club kits are very practical, interesting and educational... and the projects always work."
Larry Schutts, Eden, New York.

"I have immensely enjoyed every minute with the kits, and eagerly await the postman every month."
Fred Carter, Sanford, Florida.

"A wealth of information presented in an easy-to-learn manner."
Tom Webster, Vidor, Texas.

"It is incredible that we can obtain so much material for such a price. The manuals alone are of great value."
Sister M. Maris, Bishop Dwenger High School, Fort Wayne, Indiana

"I am an electronics student in the Air Force. We have not covered anything in school that your kits have not covered."
John G. Dill, Keesler Air Force Base, Biloxi, Miss.

"When I started your program I knew little about any of the topics that you presented. I now am repairing radios and photography is my main hobby."
Bruce Russell, Denver, Colo.

"I have been working with the kits with my wife... because it's more fun. Your program is great."
Paul Snyder, Air Travel Service, Detroit City Airport.

"A friend of mine is taking a correspondence course in electronics. I've learned more from your first two kits than he has in twenty lessons."
Ray P. Bilodeau, Leominster, Mass.

ELECTRICAL LAB

All the equipment for basic electrical experiments with Wheatstone Bridge (measures resistance), Magnetizer and Demagnetizer, Thermocouple, Mystery Shock Box, Continuity Tester, Extinction Voltmeter, Solenoid Coin Toss, Electromagnetic Relay, Neon Lamp, Galvanometer, Induction Coil, Resistors, Chemicals and Electrodes for Plating and Electrolysis. **FOR SAFETY** a step-down Isolation Transformer provides required current.



RADIO LAB AND COURSE

YOU BUILD A SHORTWAVE AND BROADCAST RADIO. 2-Tube regenerative circuit. Uses 115V AC. CARBON MICROPHONE with AUDIO AMPLIFIER, RADIO TRANSMITTER for code or voice, RIPPLE TANK WAVE GENERATOR with variable frequency, invaluable in the understanding of wave theory. CODE PRACTICE OSCILLATOR with manual. "Steps to a Ham License." All you need to pass the FCC Ham License Exam.



ATOMIC ENERGY LAB

ATOMIC CLOUD CHAMBER WITH PROJECTOR ILLUMINATOR. See the vapor trails of alpha and beta particles, and of cosmic rays. SPINTHARISCOPES. Shows exploding atoms. ELECTROSCOPE—metal housed with Scale and Magnifying Viewer. Measures background radiation and tests sample sources. **SAFE RADIOACTIVE MATERIALS.** Alpha Source in handy container and Uranium Ore. Full instructions and explanations open up the fascinating field of nuclear physics.



STROBE LIGHT

A Neon Lamp that flashes at intervals you can synchronize with the speed of rotating or vibrating objects in order to "freeze" their motion to permit close study and checking frequencies and RPM. Flashes are timed by a variable frequency oscillator with a range of 20 to 600 cycles per second.



RADIO SERVICING TOOLS

Signal Tracer. A valuable trouble shooting tool which permits you to "listen in" as you probe through a faulty circuit until you find the trouble spot. **CONTINUITY TESTER.** Pinpoints open circuits and test voltages. The use of both pieces fully described in accompanying manual. "Simplified Radio and TV Servicing."



SPECTROSCOPE

Analyze spectra of glowing gases. See and identify the Fraunhofer lines. A quality instrument featuring an easy-to-read built-in scale and a powerful condensing system for a bright spectrum. Equipment includes Alcohol Burner and a 2 Watt Neon Spectral Lamp. Full instructions cover theory and use.



PHOTOELECTRIC RELAY

Crystal PhotoCell, Electronic Amplifier, Relay, large Condensing Lens in Cabinet Mount. Features automatic on-or-off or holding circuit operation. Sensitivity Control. Plug-in Outlet for controlled circuit. Use for alarms, counters, etc. Operates on 115V AC. A basic unit for many exciting experiments.



DC POWER SUPPLY

Changes regular 110-120V AC to the direct current required for electronic projects and experimenting. Consists of a Power Transformer, Vacuum Tube Rectifier, 20,70 MFD. Capacitor Filter Circuit, and a potentiometer Voltage Selector. A Safe Isolated Power Supply eliminates the need of expensive multi-volt batteries.



ULTRAVIOLET LAMP

140 watt filter type UV LAMP. Heavy metal cabinet, 6 Foot Cord, Rotary Switch. Produces dazzling color effects with invisible black light. Has many uses in the fields of Mineralogy, Crime Detection and Science. Accessories include Invisible Ink, Tracer Pen-der, Fluorescent Crayons.



ANALOG COMPUTER

Electronic Computer multiplies, divides, calculates powers, roots. Set up the problem on the scales of two potentiometers and find the answer on the scale of third potentiometer as indicated by a sensitive meter. Instruction Manual covers computer theory and practical use. Over 150 sample problems and answers demonstrate use with fractions, trigonometry, logarithms, physics formulas, ballistics, etc.



MICROCRAFT LAB

Microprojector shows microscopic subjects enlarged with brilliant detail on wall or screen. Has sturdy Steel Cabinet, large Condensing Lens for extra brightness, and a GE Projection Lamp. Microscope features Ramsden Eyepiece for wide field viewing, Substage Light and Polarizing Filters. Magnifies up to 200X. Includes: Slides, Cover Glasses and Microscopy Manual.



SURVEYOR'S TRANSIT

A practical Transit. 6X erect image telescope with Range Finder. Reticle for measuring remote distances and heights. Vernier reading for both horizontal and vertical scales. Leveling Head with Thumb Screw Adjustment and Spirit Level. Clamps under head hold wooden legs of Tripod. (Legs not included.) Instructions cover elementary surveying, range-finding.



LIGHT AND OPTICS LAB

Exciting optical projects for the study of light. Equipment includes: five Precision Lenses, Prism, Polarizing Filters, Diffraction Grating, Mirror, Telescoping Tubing; Lens Mounts, Tube Holders and Brackets. All the parts and instructions to build a Camera Obscura, Camera Lucida, Polaroscope, and many other optical devices.



PHOTOMICROGRAPHY CAMERA

Photographs subjects mounted on microscopic slides. Enlarges up to 100X. Takes clear, sharp pictures of specimens too small to be seen with the naked eye. A fully self-contained unit—no microscope required. Uses standard roll film, either 120 or 620, black and white or color. Make a photographic record of your projects with microscopic subjects.



TELESCOPE AND MOUNT

30X erect image. Extends to 30" length. Five ground and polished Lenses. Ramsden Eyepiece. Sturdy Equatorial Mount makes it easy to follow the movement of heavenly bodies. Mount has fittings for wooden legs that complete the tripod (legs are regular 1x2 lumber not included).



PHOTOGRAPHY LAB

A PRECISION 35MM ENLARGER... horizontal type with twin condensing lenses and 3" F/11 projection lens. Produces quality enlargements up to 8"x10", Contact Print Frame makes negatives up to 3 1/2" x 4 1/4". 3 Plane! Developing Trays, Neon Safelight, Tray Thermometer, Film Clips, Developing Chemicals, Printing and Enlarging Paper and Darkroom Handbooks. Make quality enlargements for \$6. Make prints for only 2¢. Full instructions.



LIGHT TRANSMITTER-RECEIVER

The TRANSMITTER consists of a Light Source, a Modulating Reflector Diaphragm and an Optical Projection System. The RECEIVER is a Two-Stage Audio Amplifier, controlled by a Photo-electric Cell that catches the projected light beam and causes the original sound waves to be reproduced in the headphones. Talking on a Light Beam.



WEATHER STATION

A REMOTE READING ANEMOMETER and WIND-VANE... Flashing Red Lights on indoor indicator board show wind speed and direction. Safety Power Card makes all connections safe. 100 Ft. of Lead-in Wire. Plus—Air Tank Barometer with alt. indicator column. Sling psychrometer measures relative humidity. Rain Gauge measures rainfall to 1/100 inch. ALSO Cloud Chart, Weather Map and Forecasting Manual—a complete set-up for amateur meteorology.



You get ALL the equipment for ALL the above in nine monthly kits

SEND ONLY \$100 TO ENROLL PAY ONLY \$4.95 FOR EACH KIT THAT YOU RECEIVE

Take as few as you wish—or get all nine... it's up to you!

SOME QUESTIONS ANSWERED

- Q. How is it possible? It seems incredible to be able to get all the equipment shown above in just nine kits—at only \$4.95 per kit!
- A. The direct-to-you "no middleman" club plan is just part of the answer. The other key is ABC Club's especially designed multi-use equipment. For example: the Microprojector quickly and easily converts into the Spectroscope, Photo Enlarger and Cloud Chamber Illuminator. Similarly, the Transit doubles as a Telescope Mount. Such multi-purpose design... plus club plan economy... makes possible this all-science program at a price everyone can afford.
- Q. May members choose the order in which they receive their kits?
- A. Yes. With the first kit members receive a list of the equipment and projects contained in each of the remaining eight kits. With this information they are able to choose the kit sequence that best suits their particular interest.
- Q. Can members get their kits all at once instead of one-a-month?
- A. Yes. At any time members can have the balance of their kits sent in one shipment. We recommend that you start on the kit-a-month plan because the monthly spacing will give you time to get the full measure of knowledge and enjoyment that each kit has to offer.

NO OBLIGATION—NO RISK!

- ★ You take only as many kits as you wish. No minimum—you may cancel anytime.
- ★ Two weeks approval on each kit you take. You may return any kit for full refund.

Send coupon today—get your first kit on its way!

TRIAL MEMBERSHIP COUPON

- I wish to try the Kit-a-Month Program:
- I enclose \$1.00 to enroll and \$4.95 for the first kit postpaid.
- I enclose \$1.00 to enroll. Send first kit COD. I'll pay COD fee.
- I understand if I am not satisfied with the first kit I may return it for a complete refund including the \$1.00 membership fee.

NAME _____
ADDRESS _____

CITY AND STATE (PLEASE PRINT) _____ ZIP CODE _____
AMERICAN BASIC SCIENCE CLUB, INC.
104 Heimann, San Antonio, Texas 78205

NO EXPERIENCE NECESSARY — IT'S FUN! IT'S EASY!

Circle No. 2 on Readers' Service Card