

Olson®

FOR THE ELECTRONICS IN YOUR LIFE

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1974 ELECTRONICS
CATALOG NO. 740

**FEATURING THE NEWEST AND THE
BEST NAME-BRAND PRODUCTS!**

• STEREO AND 4-CHANNEL SOUND
SYSTEMS • TAPE RECORDERS AND
ACCESSORIES • TV • CB AND HAM
GEAR • RADIOS • PHONOS • KITS •
ANTENNAS • PA SYSTEMS • VHF-UHF
MONITORS • SECURITY • TEST EQUIP-
MENT • CALCULATORS • PARTS •
TUBES • BATTERIES • MUCH MORE

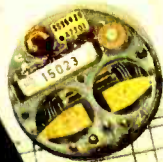
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LAWRENCE LAKASHMAN, President

A TELETYPE COMPANY

The electronics field has expanded into a galaxy of products not even dreamed of as little as five years ago--NO industry has moved as fast! Our experts have sorted through these new products and brands in order to bring you the best of these miracles in terms of performance, serviceability and value. We have worked diligently to make our 1974 catalog an essential guide to exciting new electronic products plus parts, accessories and staples that keep existing products in top shape. Our selection is backed by our 40 years of continuous growth...by service facilities at every one of our retail locations...by guaranteed satisfaction for our customers. You can purchase from us with confidence.

Lawrence Lakashman
President, Olson Electronics



mits

Build-'em Yourself "Information" Kits

Kit Savings + Versatility + Accuracy = VALUE!

**59⁵⁰**

12 or 24-Hour
Operation

6-Digit LED Electronic Clock Kit

Model DC-6. A "space-age" device that's easy and fun to build — gives you a digital LED readout of the hours, minutes and seconds — with "computer-like" accuracy thanks to its *totally silent* all-electronic movement. Has large numerals for easy visibility at home or office, large-scale integrated circuits and double sided-fiberglass PC boards that make assembly really easy, 1/8" brushed and anodized aluminum case. 3 time set buttons, 12-hour operation with leading zero suppression, standard 24-hour operation. 4 x 3 x 5". For 117 VAC, 50 or 60 Hz.

KB-304J. Shpg. wt. 2 lbs. **59.50**
XM-097J. Factory Assembled Version of Above. Wt. 2 lbs. **89.95**

**79⁹⁵**

Alternates Time
and Calendar Date

Electronic Day/Date Clock Kit with Alarm

Model DC-100. Really versatile instrument shows the time and date in a bright 6-digit LED (light emitting diode) display. Has built-in alarm circuit with auxiliary timer — use as regular alarm clock, turn appliances on or off at pre-set times. Unique sequential display shows time (hours, minutes and seconds) for 8 seconds, date for 2 seconds continuously. Has a "snooze alarm" — type 10-minute alarm reset, 12 or 24-hour operation. Provision for external oscillator on one-chip 60 Hz back-up clock. Stylish brushed and anodized aluminum case. 4 x 3 x 5". For 117 VAC, 50 or 60 Hz.

KB-347J. Shpg. wt. 2 lbs. **79.95**

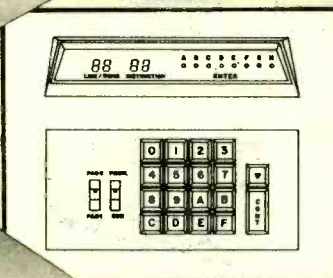
**199⁹⁵**

These kits include pre-cut and pre-stripped wire, IC with sockets, full instructions with exploded views and schematics for fool-proof assembly.

"Pro" Capability 14-Digit Desk Calculator Kit

Model 1440. For the person who needs fast and accurate answers to complex problems — here's the calculator that's got them! 14-digit readout means you can handle large-figure problems. Four arithmetic functions PLUS square and square root cover geometrics, logs, formulas etc. Has constant AND independent memories, exchange operations key, decimal and negative number entry. It's one of the most versatile calculators you can buy — and the price is really low because you build it yourself! 8 3/4 x 4 x 12 3/4". For 117 VAC.

KB-300J. Shpg. wt. 5 lbs. **199.95**



Computer Programmer Kit

Turn either of these calculator kits into a desk-top computer. Accessory device lets you enter up to 256 program steps for automatic operation of complex calculations. Has instructions for assembly, branching, transfer, return — 16-key array for hexa-decimal entering, 8 annunciator lights for identification of programmed pauses. Use expansion device below for 512 steps.

XM-246J. Model 1440P. For 1440 above. Wt. 5 lbs. **199.95**

XM-247J. Model 816J. For 816 below. Wt. 5 lbs. **199.95**

XM-248J. Expansion Device. For either above. 5 lbs. **79.95**

EASY Assembly!

**139⁹⁵**

4-Function Calculator Kit with 16-Digit Readout

Model 816. Buy it, build it and figure on big savings — because this calculator will pay for itself in time, trouble and error-elimination! Features big 16-digit answer capacity and 8-digit readout — has keys for equals, decimal point, clear entry, clear, decimal select and alternate display, numbers and arithmetic functions. Stored constant for series calculations with a single figure. Easy-to-read display with error indication. 8 3/4 x 4 x 12 3/4". For 117 VAC.

KB-301J. Shpg. wt. 4 1/2-lbs. **139.95**

Electronic "Tools of Knowledge" from **mits**

Hand-Held 8-Function Calculator

Model 150. About the size of a paperback, but filled with the answers you need for even very complex calculations. It's the pocket calculator for engineers, math majors, scientists, accountants, people who NEED fast answers. Features selectable floating or fixed decimal (with entry at any of seven positions), algebraic logic for automatic negative-number answers, big 16-digit answer capacity with 8-digit readout. Has memory register for instant storage and retrieval of figures (also can be used as stored constant), automatic roundoff in fixed decimal mode, lots more. Special display blanks after 60 seconds to conserve battery life (restores instantly at the push of a button). Low battery indicator too. Operates on four penlight batteries (order below), AC with optional adapter. High-impact case, $3\frac{1}{4} \times 5\frac{3}{4} \times 1\frac{1}{2}$ ".

XM-244J. Fully Assembled. 1½ lbs. **119.95**
KB-346J. Above, Kit Form. 1½ lbs. **99.95**
BA-219J. AC Adapter for Above. 1 lb. **7.95**

119⁹⁵ Fully
Assembled
8 Math Functions!

- \sqrt{x} **Calculates Square Root of Any Number**
- x^2 **Multiplies a Number By Itself with Single Entry**
- $\frac{1}{x}$ **Instant Reciprocals for Fraction Problems**
- % **Figures Percentages for Interest, Mortgages, Taxes, Etc.**
- + **Addition**
- - **Subtraction**
- X **Multiplication**
- ÷ **Division**



Pocket Calculators with 12-Digit Capacity

Model 1206. The ideal calculator for students, housewives, businessmen. Adds, subtracts, multiplies, divides — instantly, accurately, electronically. Has pre-set decimal with automatic roundoff, clear key to erase previous entry only, clear entry key to erase all entries. Display cutoff saves batteries. Does chain and mixed calculations, shows true credit balance. A practical work saver for just about everyone! Order five batteries and AC adapter below. $5\frac{1}{4} \times 3\frac{1}{4} \times 1\frac{1}{2}$ ".

XM-108J. With 6-Digit Display. Shpg. wt. 1 lb. **59.95**

Model 1212. Same fine features as above, but has 12-digit answer capacity with 12-digit display.

XM-110J. Shpg. wt. 1 lb. **99.95**

59⁹⁵ 6-Digit Display

99⁹⁵ 12-Digit Display

- **Easy-to-Use Telephone-Type Keyboard**
- **Bright, Easy-to-Read Digital Display**
- **Special Battery-Saver Display Cutoff**
- **Compact Size — Goes Just About Anywhere**



Carrying Case

Rugged, velvet-lined case for all calculators above. Offers protection from dust and dirt, cushioning if dropped. Wt. 1 lb.
CA-607J. **2.49**

Calculator Batteries

Long-life penlight batteries for use with calculators above. Use five for models 1206 and 1212, four for Model 150 (kit or wired).
BA-196J. ½ lb. **Pair 1.08**



AC Adapter

Permits operation of Models 1206 and 1212 from standard 117 VAC house current. Has jack and plug for calculators, AC line cord.
BA-219J. 1 lb. **7.95**

calculators by **TEXAS INSTRUMENTS**

11 Function 10-Digit Model

- **Fixed or Floating Decimal**
- **Positive and Negative Number Entry**
- **11 Full Functions**
- **Entry and Overflow Indicators**

179⁹⁵

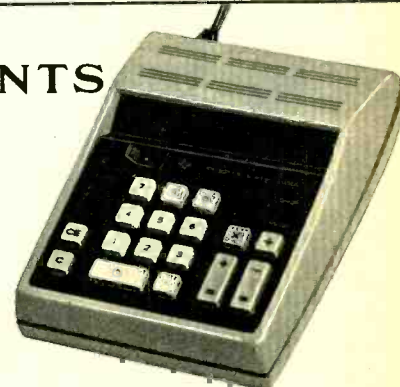


Model SR-20. Engineering desk-top calculator — versatile enough for the most complex calculations, simple enough for anyone to use. Adds, subtracts, multiplies, divides, figures square roots, percentages, reciprocals, and squares. Has special process keys for INT-X, x^2 , \sqrt{x} , x^1 , $\frac{1}{x}$, π , and e logo. $6\frac{1}{4} \times 8\frac{1}{4} \times 2\frac{3}{8}$ ". For 117 VAC. With dust cover.
XM-252J. Shpg. wt. 2 lbs. **179.95**

10-Digit Desk Model

- **Chain/Constant Switch**
- **3-Position Decimal**
- **Automatic Roundoff**
- **Shows True Credit Balance**
- **Eliminates Zeroes at Left of Answer**

84⁹⁵



Model TI-3500. Low-priced desk calculator has full four-function capability including chain and mixed calculations, floating or pre-set decimal, easy-to-read 10-digit display. Latest circuitry, streamlined styling. $6\frac{1}{4} \times 2\frac{3}{8} \times 8\frac{1}{4}$ ". For 117 VAC. With dust cover.
XM-145J. Shpg. wt. 2 lbs. **84.95**
XM-253J. Above, with 12-Digit Display, memory and % Keys. **169.95**

Portable and Desk Model Calculators

UDM

UNIVERSAL DATA MACHINE



1 69⁹⁵



2 84⁹⁵



3 99⁹⁵

1 9-Digit Hand Held Model

Model 9V9. Students, accountants, housewives, here's a model that's on-the-job anywhere. Use it at home with the 117 VAC adapter, "in-the-field" with 9-volt transistor radio battery (included). Has big 9-digit capacity—adds, subtracts, multiplies, divides—instantly, silently, electronically! Performs chain and mixed calculations, shows true credit balance, has a clear entry key to erase last entry, clear key to clear machine completely. 2-position decimal, easy-to-read bright red display. High impact plastic case, 3¼ x 6 x 1½". With vinyl carrying case.

XM-143J. Shpg. wt. 2 lbs. **69.95**

2 Stored Component Model

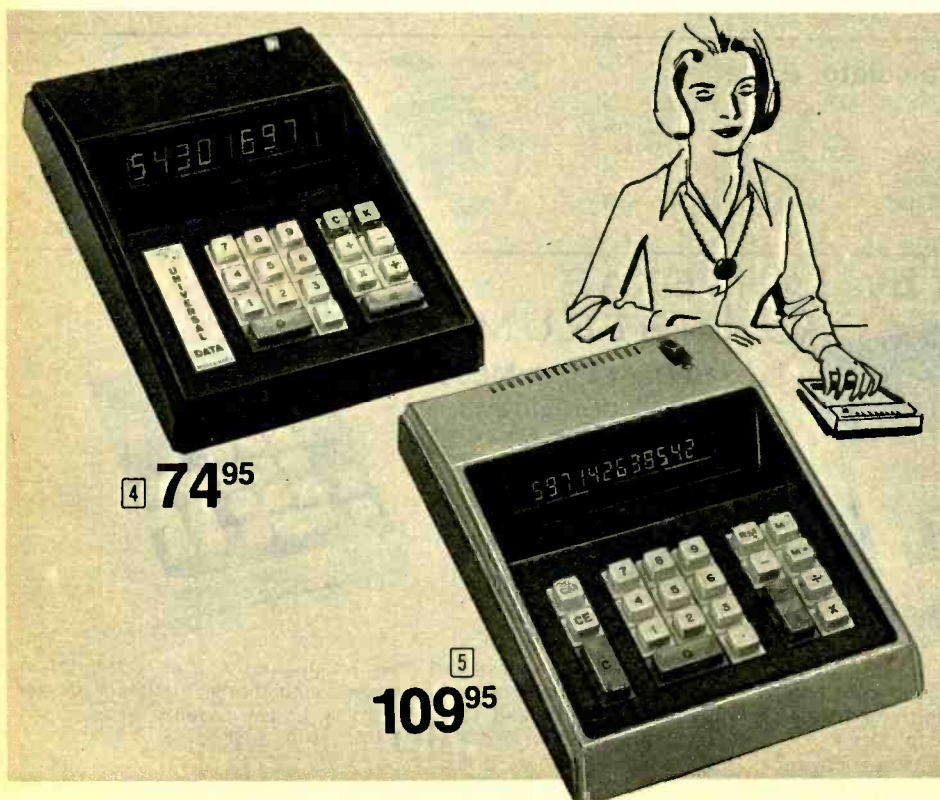
Model TKB02. Offers the most advanced method of handling calculations that exceed its 8-digit capacity—features stored component and floating decimal to allow numbers in the range of 10^{79} to 10^{-20} to be entered and handled! When doing large number calculations, the absence of a decimal point shows that the answer exceeds 8 digits—simply divide by 10 until the decimal point appears to establish how many digits are in your answer. Has all other standard features including stored constant for series calculations with the same number. 3¼ x 6 x 2". With batteries and AC adapter.

XM-233J. Shpg. wt. 2 lbs. **84.95**

3 8-Digit with Floating Decimal

Model TKB-0001. Very easy to read—boasts a visual field approximately three times the size of others! Features automatic display cutoff after 20 seconds (restores immediately at the touch of a button) really helps conserve battery life. Floating decimal point with automatic roundoff of answers over 8 digits, automatic entry and result overflow indication, automatic credit balance and constant or chain capabilities. Includes built-in rechargeable NiCad battery pack, 117"VAC adapter/charger. It's the one you need for tax work, grocery list checking, any arithmetic work. 3¼ x 6 x 2".

XM-231J. Shpg. wt. 2 lbs. **99.95**



4 74⁹⁵

5 109⁹⁵

4 8-Digit Desk-Top Calculator

Model 8TK-1. Ideal for all kinds of general office work — price calculations, invoicing, purchasing — features a brilliant large display area with numbers slanted upward for really easy reading. Has stored component feature — handles numbers from 10^{-20} to 10^{76} ! Has individual function keys, separate key, single key for Clear and Clear entry functions. Large, raised keys for easy operation without fatigue. Stored constant function for series calculations with the same number. Negative indication for true credit balance, floating decimal system. 3 x 7 x 10". With dust cover. For 117 VAC.

XM-232J. Shpg. wt. 4 lbs. **74.95**

5 12-Digit with Memory Feature

Model 12-TM12. The perfect businessman's calculator. Memory capability lets you store sub-totals for use in further calculations—ideal for computing commissions, payroll applications such as overtime and deductions, etc. Stores and recalls both plus and minus totals! Has pre-set decimal entry (any position from 0-5), decimal entry for floating decimal system, easy-to-use raised function keys and brilliant easy to read display. Big 12-digit answer capacity. 7 x 3 x 10". For 117 VAC. With dust cover.

XM-234J. Shpg. wt. 5 lbs. **109.95**

"Space-Age" All-Electronic Digital Calculators



Summit
International
Corporation

These machines give you the answers, lightning fast, to all your arithmetic questions. They add, subtract, multiply, divide, show credit balance, more. They're perfect for income tax figuring, checking grocery lists, balancing bank accounts, etc. There's one here for you!

1 Shirt-Pocket Size with 8-Digit Readout

Model K16. A marvel of modern electronics measuring a mere $2\frac{3}{4} \times 4 \times 1\frac{1}{2}$ " and weighing just $8\frac{1}{4}$ ounces. Performs standard arithmetic functions plus chain and mixed calculations, algebraic problems with automatically correct number sign, constant calculations with pre-set multiplier or divider. 16-digit calculating capacity with 8 digit readout. Has automatic zero suppression (zeroes to left of answer are cancelled), large, easy-to-use keyboard, clear entry and clear key, constant switch, on-off switch, decimal entry key.

XM-151J. Shpg. wt. 9 oz. 3-Up .. Each 87.00 .. Each 89.95

2 Truly Tiny with 10-Digit Readout

Model MB-10. Slim-line style lets this one go anywhere with ease—just $\frac{5}{8}$ " deep, $2\frac{1}{2} \times 3\frac{3}{4}$ ". Weighs a scant $5\frac{1}{2}$ ounces. Performs standard functions PLUS constant multiplication or division, chain or mixed calculations. Special sign indicators show overflow, error, battery condition, credit balance—minus key serves both as subtraction key, negative number multiplier. Has clear entry key for erasing previous entry, clear key for clearing entire machine (including stored constant), decimal entry key. Floating decimal. Easy to read LED 10-digit display. Uses 6 "AA" penlight cells.

XM-183J. Shpg. wt. 6 oz. 3-Up .. Each 117.00 .. Each 119.95

3 8-Digit Readout with Memory

Model K08M. Advanced calculator features memory storage and retrieval, % key for fully automatic percentage figuring, decimal entry key to pre-set decimal in any of eight positions with automatic roundoff or in conventional floating system. Has eight-digit entry and readout with 16-digit calculating capacity: error, low-battery indicators, unwanted zero suppression, more. Performs mixed and chain calculations, shows true credit balance automatically. Measures just $2\frac{3}{4} \times 4 \times 1\frac{1}{2}$ ", weighs just $8\frac{1}{4}$ ounces. Fully functional on AC or DC power.

XM-184J. Shpg. wt. 9 oz. 3-Up .. Each 97.00 .. Each 99.95

4 8-Digit Readout with Square Root Function

Model SE88M. For engineers, chemists, anyone who requires 16-digit arithmetic functions PLUS memory, squares, square roots and reciprocals—instantly, electronically, accurately. Has preset decimal positioning with automatic roundoff, memory storage and retrieval, algebraic entry, direct negative entry, suppression of unwanted zeroes in floating decimal mode. Has magnified LED display for easy reading, easy-to-use telephone type entry keys, automatic overflow protection, low battery indicator. $2\frac{3}{4} \times 4 \times 1\frac{1}{2}$ ", weighs $8\frac{1}{4}$ oz.

XM-185J. Shpg. wt. 9 oz. 3-Up .. Each 135.00 .. Each 139.95

XM-239J. Model SRQ-16M. Above, less percentage key.

3-Up Each 115.00 .. Each 119.95

5 Desk-Top Model for Professional Users—12-Digit Readout with Memory

Model S1224. Especially designed for all-around office use—accounting, sales invoicing, estimating, more. Features memory storage and retrieval with special memory modification—add or subtract from stored numbers without clearing memory! Has basic function keys with minus doubling as negative entry key, constant storage of multiplier or divider, special "EX" key lets you recall the last entry in a chain calculation to regain your place. % key for instant percentage calculations, "AM" switch for automatic accumulation of totals even when running a series of mixed or chain calculations—decimal key for entry of decimal numbers. Automatic overflow protection—keyboard locks when entries exceed capacity. Has easy-to-operate keyboard with finger-contoured keys, large 12-digit readout with automatic zero suppression, minus and overflow indicators. $10 \times 7\frac{7}{8} \times 2\frac{3}{4}$ ". For 117 VAC.

XM-186J. Shpg. wt. 3 lbs. 3-Up .. Each 240.00 .. Each 249.95



89⁹⁵

1

119⁹⁵

2



AC Adapter/Charger,
Carry Pouch, Included
with All Portable Models
Except 2



139⁹⁵

4

99⁹⁵

3



249⁹⁵

5