

New Programmables from Texas Instruments

With plug-in Solid State Software™ ROM modules.
Up to 100 memories and 960 program steps.

The New Programmables

with Solid-State Software

Lectro-Media Ltd., the nation's leader in programmable calculators, introduces the new Texas Instruments line-up. Now available for the first time—plug-in Solid State Software—known in the electronics field as CROM (constant read-only memory).

The Super-Powerful Card Programmable

TI-59 — gives you up to 960 program steps or up to 100 memories to work with. Add the plug-in CROM and you have 5000 steps of subroutines at your disposal. The most powerful programmable on the market — at an incredibly low cost! You can allocate the 120 storage registers between program steps & memories based on your unique problem. You have the flexibility from the keyboard or from under program control.

AOST™ — T.I.'s algebraic operating system with 9 sets of parentheses lets you code problems the way you formulate them. Now you have an independent register for testing, 10 more test registers, 72 labels, 6 levels of subroutines, indirect addressing, complete program editing. All this plus 175 functions and operations for science, engineering, finance and statistics.

Data & Program Storage — with the magnetic card capability of the TI-59, you may record the entire contents of the 120 storage registers, which you also have allocated between program & data, on 2 magnetic cards. Use this feature to store data for future analysis—no more aggravation with costly time-sharing or batch computer systems. Program protection feature acts like an object code for proprietary applications.

SR-52 Program Conversions

Your SR-52 programs may be transferred to the TI-58/59 with minor modifications (Magnetic cards not interchangeable).

TI Programmable 58 — The same powerful features as the TI-59 but no magnetic card I/O and only 60 storage registers. Easily affordable for students, sales personnel and production staff.

Is Programming the TI58 / 59 Difficult?

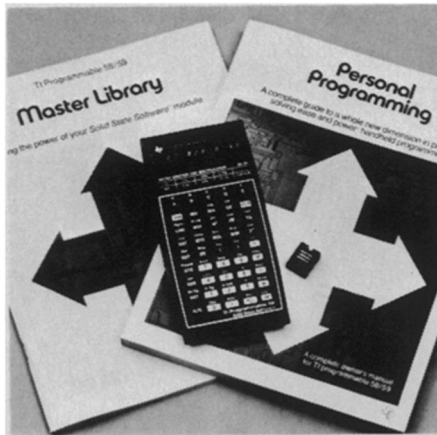
With the aid of "Personal Programming" anyone with a logical mind can operate the new powerful hand-helds from T.I. This 260-page book is your complete guide to a whole new dimension in problem solving ease and power. Available immediately for \$12.95 (deductible from your TI-58 or TI-59 purchase price.)

Custom CROMs and Seminar Program

Lectro-Media Ltd., in conjunction with Texas Instruments, will provide seminars for your staff to demonstrate the productivity potential of the new T.I. programmables. Costly time-sharing programs can be eliminated through the development of custom-designed CROMs. Write on your company for details.

TI Programmable 57 (replaces SR-56)

Now with 50 efficient fully-merged program steps, the equivalent of up to 150 keystrokes; 10 labels now provided for ease of programming.



Plotting, Printing & Editing

With the alphanumeric PC100A printer.

The PC100A thermal printer turns your TI-58 or TI-59 into a quiet, high-speed printing calculator that prints, lists and traces your program at 60 characters a second. In the editing mode, the PC100A prints each memory location, the memory instruction coded and its alpha equivalent for ease of debugging. In the trace mode, the PC100A lists every calculation performed and the number generated.

Alphanumeric Prompting

```

1 7 8 9 A B C D E
2 - F G H I J K L
3 M N O P Q R S T
4 . U V W X Y Z +
5 × ÷ √ π e ( ) ,
6 ↑ ↓ ≠ / = ' × ×
7 ? ? ? ? ? ? ? ?
    
```

64 characters entered by 2-digit address code.
Maximum 20 characters /line

Program Headings

```

1# VS %X TESTS 3/22
    
```

Easy reference and identification.
User prompting for non-technical staff use.

Data Labels

All program numerical labels may be printed on command to simplify program documentation for re-use

Data Plotting & Headings

Plot curves and histograms from keyboard or under program control.

Hewlett-Packard or Texas Instruments ?

For a head-to-head complete comparison with the equivalent Hewlett-Packard models send \$2. and we'll let you decide if the extra \$150 to \$300 for HP is justified.

TI Programmable 59	\$299.95
with PC100A printer	449.95
Blank Cards..40 per pack (TI59 only)	14.95
TI Programmable 58	\$124.95
with PC100A printer	274.95
Guide Book for TI-58/59	\$12.95
deductible from TI-58 or 59 purchase price	
Solid State Software Modules ea.	34.95
TI Programmable 57	\$79.95
120/240 Adapter/Charger	\$12.95
Thermal paper for PC100A..3 rolls	9.95

Solid-State Software™ Library Modules

Equivalent to a 25-card library in one small plug-in ROM memory module. The 5000 program-step module may be used in three ways:

- A) Standalone for conventional library programs with your data.
- B) As a base to call your specialized subroutines and functions entered from magnetic cards or keyboard.
- C) As a set of subroutines that your program can call. Perform chaining by calling subroutines both ways.

Library Modules Available:

all modules include diagnostic program and detailed instruction books

1. Master Library

(included free with TI58 or TI59)

25 programs including Matrix algebra, determinants, simultaneous equations, complex functions and arithmetic, polynomials, random number generator, combinations & permutations, compound int'st, annuities, checking acct management, and more

2. Applied Statistics

Random number generator, data entry programs, means & moments, histogram construction, theoretical histogram, data transforms, 2-way analysis of variance, rank sum, multiple linear regression, normal, binomial, chi-square, t & F distrib'tn and 3 more.

3. Real Estate/ Investment

Annuities, remaining balance/accumulated interest, compound interest; straight line, declining balance, sum-of-the-years digits, composite and excess depreciation; curve fit, optimal regression, internal rate of return, cash flow analysis, yearly amortization schedule, investment feasibility, annual property operating data, installment sale analysis.

4. Aviation

Flight plan: with wind, verification, and long range; atmosphere, speed, temp., and altitude; predicting freezing level; lowest usable flight level; the wind triangle, dead reckoning, rhumbline navigation, and 13 more.

5. Marine Navigation

Coastal: time-speed-distance with current sailing, distance short of, beyond or to horizon; velocity, VMG and current vectors; course to steer and SMG; DMG,SMG, CMG from 2 pts. map initialization and 5 more.
Celestial: time of sunrise/sunset/twilight, star iden.; sextant correction; sight reduction, noon sight fix and 3 more
Ocean Sailing: great circle sailing; dead reckoning and rhumbline navigation.
Sailing & Tactics: Modified wind; CMG, SMG & time-to-lay-line; distance & bear'g to mark.

6. Surveying

Azimuth/bearing, inverse, field angle and circle traverse; closure; compass and transit rule balance; horiz. and vert. curve design; EDM slope reduction and 12 more

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Lectro-Media Ltd. will match any advertised price. Simply clip ad and attach to order.

Shipping/Handling: \$3.50-1st unit, \$1 each add'l. PC100A: \$4 each. CAN/PR/HA/AK: add \$3 to order. Street Addresses only. PA.res: add 6% sales tax. Please, no CODs. Free Digital Thermometer with order.

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- Ideal for brightfield, dark-field and phase contrast observations.
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- Graduated mechanical stage; low, coaxial controls.
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- Bausch & Lomb guarantee, and nationwide service.

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*Monocular model \$746, Binocular model shown \$895.

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