

SHARP
THE COMPANY THAT CREATED THE INDUSTRY®

PC-1261
Pocket Computer

A Wider-perspective Pocket Computer with 24-digit Dual Line Display, Enlarged Memory, and Built-in Instant Software



promsoft.com

The PC-1261 Guides You Through Every Step—

Easy Simulation Program

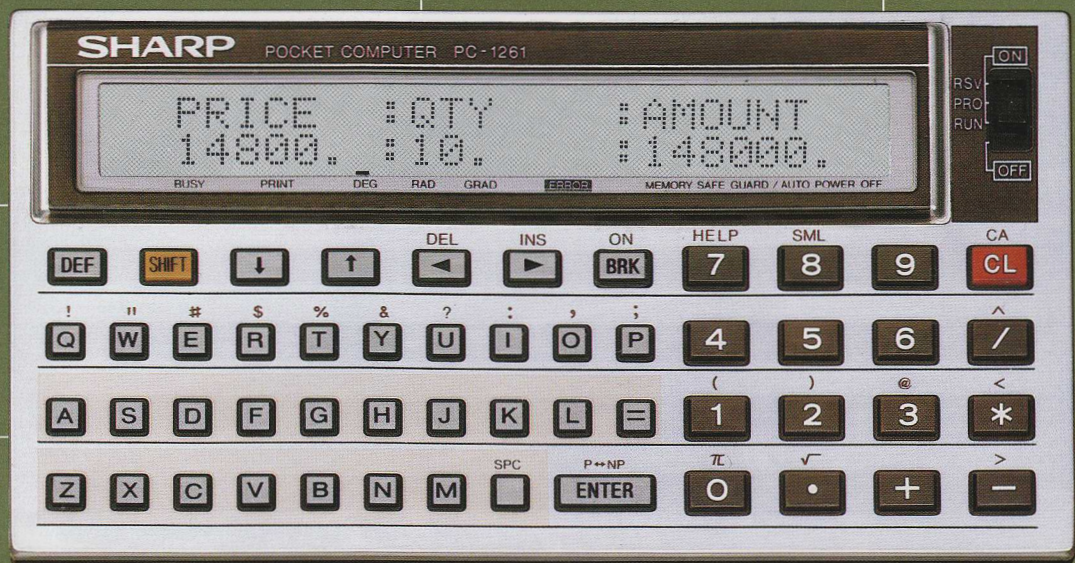
A new dimension in pocket computing. The built-in Easy Simulation program helps you make numerical computation programs easily. In these programs, input an equation simply and directly in plain English—you don't have to use BASIC commands. In addition, the program has eliminated the complex steps needed for changing individual values in a programmed calculation; simply use the cursor to insert new values and results will vary accordingly.

Large Dual-line 24-digit Liquid Crystal Display

You can display both upper and lower case letters on the 2-line 24-digit LCD. You now get more information readout for greater computing control and convenience.

HELP Function

Whether you're new to computers or not, you'll appreciate the PC-1261's HELP function. Just press the **[SHIFT]** and **[HELP]** keys for display of BASIC commands and usages, error messages and error locations (pointed out with the cursor), and ASCII codes* for hexadecimal notation.



Enlarged 10.4KB RAM

The PC-1261 has memory enough to keep up with your needs and skill as you use longer, complex programs. You get more computing versatility for a wider variety of applied programs.

Greater BASIC Command Flexibility

Expanded BASIC command functions consisting of two-letter variables, variable arrays (two-dimensional arrays), and line numbers from 1 to 65279 give greater data input flexibility.

Additional Features

- Ultracompact and light for true pocket portability
- 8-bit CPU for fast data processing
- 18 reservable/definable keys for convenient data input
- PASSWORD function
- "beep" sound function

System Options



CE-125 thermal printer/microcassette tape recorder
A quiet, 24-digit thermal printer and a microcassette tape recorder for storing programs and data are combined for upgraded computing. Together, the PC-1261 and the CE-125 make a book-sized computer system.



CE-126P thermal printer/cassette interface
A quiet, 24-digit thermal printer. Programs and data can be stored through the built-in cassette interface when connected to the CE-152 cassette tape recorder.

For Simpler Operation and Faster, Accurate Results.

Showing You the Way...

Are you hesitant about purchasing a computer because you're worried about BASIC operating techniques? Have you ever been confused while programming because of complicated key operation? Computer use would be greatly simplified if you could confirm just what's going on with a glance at the display.

Now the Sharp PC-1261 pocket computer solves these problems. It's a friendly little computer that can put you on the right track towards practical computing.

Take a look at the PC-1261's HELP function. It will be appreciated by both first-time and experienced users because it (1) displays a list of BASIC commands and usages, (2) gives error messages which let you know error types and locations, (3) displays ASCII codes* table.

The Easy Simulation program also makes operation easier by freeing you from the inconvenience of long, repetitive key operation. Unlike present pocket computers, the PC-1261 avoids repeating steps to change individual values in programmed equations. Now you can use the cursor to simply change values in any equation, quickly and easily. You can even use everyday English to set up a numerical computation program.

Because of the large 10.4KB RAM and expanded BASIC command capability, you don't have to worry about outgrowing the PC-1261. The two-line LCD gives more data readout, helpful in long calculations.

Any way you look at it, pocket computing has come of age for everybody with the Sharp PC-1261.



Easy Simulation Program

Use the Easy Simulation program function for changing individual values in a continuing programmed equation for fast, convenient calculations. If you need the calculation printed out, attach the optional CE-125 printer/tape recorder and operate the PC-1261 in the PRINT mode.

EXAMPLE:

PRO mode

#AMOUNT=PRICE*QTY [ENTER]

#AMOUNT=PRICE*QTY

RUN mode

#AMOUNT [ENTER]

PRICE :QTY :AMOUNT

—

14800 [ENTER]

PRICE :QTY :AMOUNT
14800. :10. :148000.

10 [ENTER]

PRICE :QTY :AMOUNT
14800. :10. :148000.

⬅(new quantity can be entered with the cursor)

PRICE :QTY :AMOUNT
14800. :10. :148000.

20 [ENTER]

PRICE :QTY :AMOUNT
14800. :20. :296000.

HELP Function

Use the HELP function if you get lost and need an explanation of your error or if you just want a display of control data and operating procedures.

1) When you see an ERROR sign on the LCD display press [SHIFT] and [HELP] keys and the

Error Message Function

explains the type of error and locates it on the display with the cursor.

10:A=5/0+3
CALCULATION ERROR

2) The **Reference Function**

displays BASIC commands and their correct usage. For example, when you press the [L], [SHIFT] and [HELP] keys, BASIC commands with the initial L are displayed.

LEFT# LEN LET
LIST LIST# LLIST

Further, if you need to know how to use LEN for example (one of the commands with L), just press the [L], [E], [N], [SHIFT] and [HELP] keys and you'll get the necessary information.

X=LEN A\$
X=LEN (A\$+"SHARP")

3) When you press [A], [S], [C], [I], [I], [SHIFT] and [HELP] keys, the **ASCII Table***

Function displays ASCII codes* used in hexadecimal notation. In this example a=&61, g=&67,

o=&6F, etc. (The display can be scrolled with the [UP] and [DOWN] keys.)

0123456789ABCDEF
6 : abcdefghijklmno

Expanded BASIC Commands

The expanded BASIC commands give you more input flexibility as your skills increase. These expanded input commands allow the PC-1261 to continue responding to your growing needs as you apply longer and more complex programs.

*The PC-1261's character codes are in accordance with ASCII codes which include √, %, etc.

Specifications

Model	PC-1261
Number of calculation digits	10 digits (mantissa) + 2 digits (exponent)
Calculation system	According to mathematical formula (with priority judging function)
Program language	BASIC
Capacity	Program memory: 9,342 steps Reserve memory: 48 steps Easy Simulation area: 128 steps
Stack	For data: 8 stacks For function: 16 stacks For subroutine: 10 stacks For FOR-NEXT statement: 5 stacks
Calculation	Four arithmetic calculations, power calculation, trigonometric and inverse trigonometric functions, logarithmic and exponential functions, angular conversion, extraction of square root, sign function, absolutes, integers, and logical calculations
Editing function	Cursor shifting (►, ◄) Insertion (INS) Deletion (DEL) Line up and down
Memory protection	C-MOS battery back-up
Display	2-line 24-digit alphanumeric dot matrix liquid crystal display
Component	C-MOS LSI, etc.
Power supply	Lithium cell (CR-2032) × 2, approx. 300 hours
Power consumption	0.03W
Operating temperature	0°C~40°C (32°F~104°F)
Dimensions	135 (W) × 70 (D) × 9.5 (H) mm 5-5/16" (W) × 2-3/4" (D) × 3/8" (H)
Weight	115 g (0.25 lb.)
Accessories	Hard cover, cell (CR-2032) × 2, template
Options	CE-125 thermal printer/microcassette tape recorder, CE-126P thermal printer/cassette interface

BASIC LANGUAGE SPECIFICATIONS

Command	RUN, NEW, LLIST, PASS, LIST, CONT, TR ON, TR OFF, MEM,
Statement	INPUT, PRINT, LPRINT, PAUSE, USING, WAIT, CURSOR, CLS, IF...THEN, STOP, GOTO, ON...GOTO, GOSUB, ON...GOSUB, RETURN, FOR...TO...STEP, NEXT, END, DIM, LET, REM, DATA, READ, RESTORE, BEEP, AREAD, CLEAR, RANDOM, DEGREE, RADIAN, GRAD
Operation	+, -, *, /, (), >, <, >=, <=, <>, =, ^, AND, OR, NOT, &
Function	SIN, COS, TAN, ASN, ACS, ATN, LN, LOG, EXP, DEG, DMS, RND, SGN, ABS, INT, PI(n), LEFT\$, RIGHT\$, MID\$, ASC, VAL, LEN, CHR\$, STR\$, SQR (√)
Variable control	A~Z, A\$~Z\$, two-dimensional arrays applicable
Cassette control	CSAVE, CLOAD, CLOAD?, MERGE, CHAIN, INPUT#, PRINT#
Other	INKEY\$, ,, ;, :, "
Easy Simulation program	LIST#, LLIST#, EQU#, MEM#, NEW#

CE-125 Specifications PRINTER

Type	Thermal printer
Printing digits	24 digits
Printing speed	Approx. 0.8 line/second
Printing paper	Thermal printing paper Width: 58 mm (2-9/32"), Diameter: 18 mm (23/32")

TAPE RECORDER

Type	Monaural microcassette tape recorder
Track system	2-track, 1-channel monophonic
Tape	Microcassette tape
Tape speed	15/16" ips. (2.4 cm/sec.)
Input terminal	3.5 ϕ matching impedance under less than 1 k Ω

GENERAL

Power source	Rechargeable Ni-Cd battery Approx. 2,000 lines (when using printer only) Approx. 4 hours (when using cassette tape recorder only) AC adaptor (EA-23E)
Power consumption	2.5W
Operating temperature	0°C~40°C (32°F~104°F)
Dimensions	205 (W) × 149 (D) × 23 (H) mm 8-1/16" (W) × 5-7/8" (D) × 29/32" (H)
Weight	550 g (1.2 lbs.)
Accessories	Carrying case, microcassette tape × 1, AC adaptor (EA-23E), paper roll × 3, cassette cable, cotton swab, instruction manual

CE-126P Specifications

Type	Thermal printer/cassette interface
Printing digits	24 digits
Power source	AA dry battery (UM3) × 4, approx. 2,000 lines
Power consumption	3W
Dimensions	140.5 (D) × 116 (W) × 23 (H) mm 5-17/32" (D) × 4-9/16" (W) × 29/32" (H)
Weight	280 g (0.62 lb.) with battery
Accessories	Paper roll × 3, cassette cable, EA-23E AC adaptor (option)

*Design and specifications subject to change without notice.