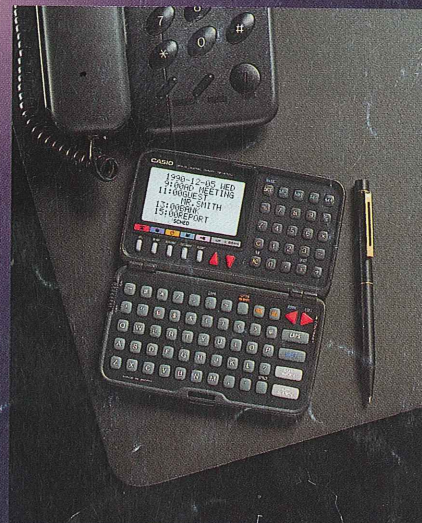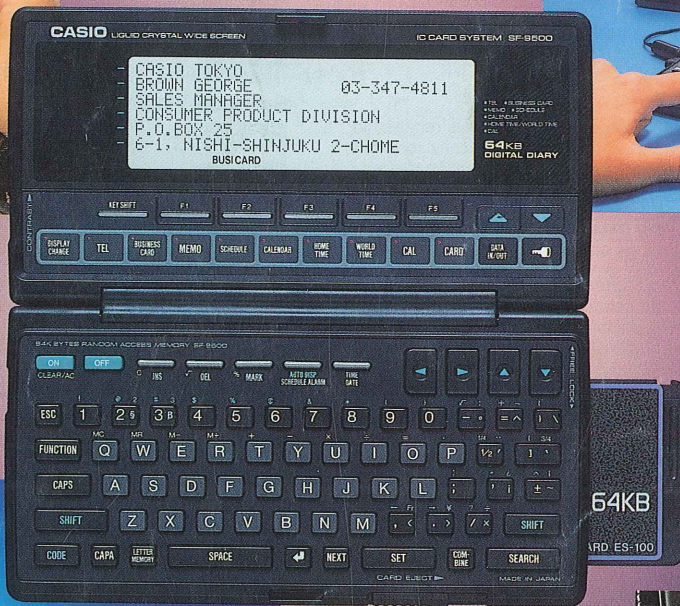# ELECTRONIC CALCULATORS
Casio's Creativity Gets Wider & Wider

General Catalog December, 1990

CASIO®

DIGITAL DIARY

The Casio Digital Diary Series provide an exciting selection of innovative new time and data management tools. Each model features large memory capacity, a large display plus the ASCII keyboard layout for quick and easy data input.

Wide screen
32-column × 6-line Wide Screen shows two-month calendar at a glance.
(SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Telephone directory
Enter the first letter of a name and the name is recalled in a moment (Initial search). All data is automatically sorted in alphabetical order.
(SF-4000/SF-4100/SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Business card library
A business Card Library makes it possible to store such vital business information as name, employer name, telephone number, telex number, and much more.
(SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Memo function
The Memo function is suited for storage of all types of data, including: currency exchange rates, price lists, airplane schedules, movie schedules, concert schedules, anniversaries.
(SF-4000/SF-4100/SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Schedule function
A complete schedule can be constructed for both work and play by simply specifying the proper date, month, and year.
(SF-4000/SF-4100/SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Calendar function
A collection of calendars up to the year 2099. A handy set of symbols lets you know at a glance when specific days have events schedules.
(SF-4000/SF-4100/SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Home Time function
Digital quartz clock tells you the hour, minute, second and am/pm.
(SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

World time function
World time tells you what time it is at virtually any point on the globe.
(SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Schedule alarm
When a schedule date and time arrives, a message appears on the display and an alarm buzzer sounds.
(SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Secret function
The Secret function keeps personal data private. Once a password is registered, data is locked away until the password is used to access the secret area.
(SF-4000/SF-4100/SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Random search function
The random search function helps to locate data quickly and easily. Enter any part of data item and the unit locates all items that contain the specified characters or numbers, in any portion.
(SF-4000/SF-4100/SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Data communications
Enables data communication between Digital Diary and a personal computer.
(SF-9000/SF-9500/SF-7500/SF-8000/SF-7600SP)

Pen printing
Connect the Digital Diary to an optional CP-9 Copy Pen using the data transfer cable (SB-60/SB-61) and you can easily produce hardcopies of Digital Diary data anywhere you want.
(SF-9000/SF-9500/SF-7600SP)

IC cards
A choice of IC cards lets you tailor the Digital Diary to perform the functions you need.
(SF-9000/SF-9500)

■Digital Diary System Configuration

PC-Link Software
SFD TOOL
SFD TOOL-B

Database series
MF-10
MF-11
MF-12
MF-13

SB-80
SB-81
RS-232C
cross cable

SB-60
SB-61

FA-100
Interface Unit (option)

IBM PC
PC/AT
PC/XT
PS/2

*Use limited to certain models

Printer

SB-60
SB-61

CP-9
Pen Printer (option)

SF-7500
SF-8000
SF-9000
SF-9500
SF-7600SP

SF-7500
SF-8000
SF-9000
SF-9500
SF-7600SP

SF-7600SP
SF-9000
SF-9500
SF-7500
SF-8000

ES-100
ES-600
ES-610
ES-620
ES-630
ES-800

The Best-selling Digital Diary
SF-4000

- Memory capacity: 31,902 characters (approx. 1,500 telephone numbers).
- Schedule function with time sort.
- Full month calendar (Jan. 1901 — Dec. 2099) — any day's schedule recalled from full-month calendar display.
- TEL function ● MEMO function ● LETTER MEMORY ● SECRET function
- EDIT function ● Auto display function
* 130 hours on three lithium batteries (CR2025).
* 14H × 126W × 74mmD — Folded.
  7H × 126W × 145mmD — Unfolded.
* 136 g.

Strong Compact Case! Portable Design!

RANDOM SEARCH FUNCTION
The random search function helps to locate data quickly and easily.
Enter any part of data item and the SF-4000/SF-4100 locates all items that contain the specified characters of numbers, in any portion.

Telephone Directory
```
FORD JIMMY
03-347-4956
JACKSON FREDDY
0425-55-7211
►LLOYD KEN(CASIO)
201-361-5400
TEL
```
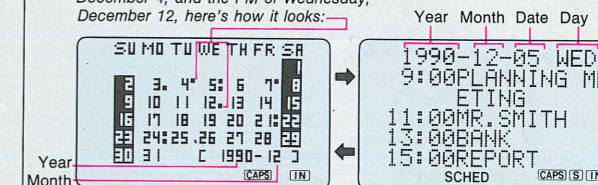
Memo
```
►NEW YORK→LONDON
10:00 (JL165)
       25 (KL248)
11:05 (BA077)
       35 (AF302)
12:10 (NW457)
MEMO
```

Calendar/Schedule Keeper Function
When data is stored for the AM of Tuesday, December 4, and the PM of Wednesday, December 12, here's how it looks:

```
1990-12-05 WED
9:00PLANNING ME
ETING
11:00MR.SMITH
13:00BANK
15:00REPORT
SCHED
```

Full-month CALENDAR display (with schedule register symbol)

SCHEDULE display (with calendar)

A Totally New Design, Including Easy-to-use Stroke Keys
SF-4100

NEW!

```
1990-12-05 WED
9:00AD MEETING
11:00GUEST
MR.SMITH
13:00BANK
15:00REPORT
SCHED
```

- Memory capacity: 31,902 characters (approx. 1,500 telephone numbers).
- Stroke keyboards
- Same functions as SF-4000
* 130 hours on three lithium batteries (CR2025).
* 16.9H × 126W × 72mmD — Folded.
  8.5H × 126W × 144mmD — Unfolded.
* 130 g.

Sure-touch stroke keyboard

Strong Compact Case! Portable Design!
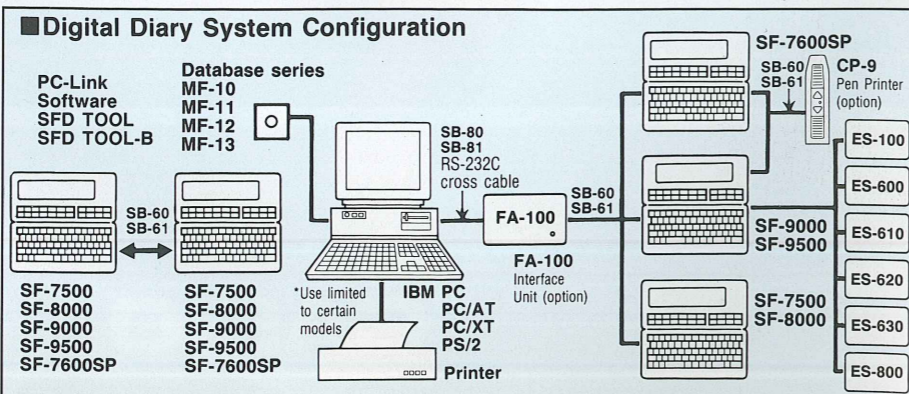
64 KB RAM · **32 characters by 6 lines**

SF-9000

Your Calling Card into the World of the Business Elite

WIDE SCREEN · TEL · BUSINESS CARD · MEMO · SCHEDULE · CALENDAR · WORLD TIME

Schedule Alarm · PC-LINK · PEN PRINTING · IC CARD

- Memory capacity: 56,006 characters (approx. 2,600 telephone numbers).
- IC card system ● Pen printer connectable ● Business card management function (company name, title, fax number, and more). ● Schedule function with timetable display. ● Two-month calendar display. ● Clock with world time function ● Connect to another Digital Diary with accessory cable (included) for data transfer. ● Daily alarm ● Schedule alarm (each appointment can be preset with its own alarm no matter how many appointments are stored). ● TEL function ● MEMO function ● LETTER MEMORY ● SECRET function ● EDIT function ● Auto display function

*Power source: Main power source — two lithium batteries (CR2032).
  Memory protection — one lithium battery (CR2025).
*Battery life: Main power source — approximately 75 hours.
  Memory protection — approximately 13 months.
*18H × 150W × 83mmD — Folded.
10H × 150W × 166mmD — Unfolded.
*247g.
*Comes with data transfer cable (SB-60).

Strong Compact Case! Portable Design!

Optional IC card

SF-9500

Sure-touch Stroke Keyboard for Quicker, More Accurate Data Input

WIDE SCREEN · TEL · BUSINESS CARD · MEMO · SCHEDULE · CALENDAR · WORLD TIME

Schedule Alarm · PC-LINK · PEN PRINTING · IC CARD

- Memory capacity: 56,006 characters (approx. 2,600 telephone numbers).
- Stroke keyboard
- Same functions as SF-9000 (except world time display).
*Power source: Main power source — two lithium batteries (CR2032).
  Memory protection — one lithium battery (CR2025).
*Battery life: Main power source — approximately 75 hours.
  Memory protection — approximately 13 months.
*19.8H × 168W × 85mmD — Folded.
10.6H × 168W × 170mmD — Unfolded.
*255g.

Strong Compact Case! Portable Design!

Sure-touch stroke keyboard

Optional IC card

SF-9000/SF-9500 Main Functions

Business Card Library

● A Business Card Library makes it possible to store such vital business information as name, employer name, telephone number, telex number, and much more.

Each item can contain up to 384 characters. When it comes time to recall data, it can be produced in the display at the touch of a key, arranged according to personal name or employer name. A selection of search functions includes direct search, random search, and combined search.

Company name display

```
CASIO TOKYO
EXPRESS AD
FC BANK
FX FINANCE CO., LTD
QD MOTORS
SF ELECTRONICS
            BUSICARD
```

Personal data display

```
CASIO TOKYO
BROWN GEORGE          03-347-4811
SALES MANAGER
CONSUMER PRODUCT DIVISION
P.O.BOX 25
6-1, NISHI-SHINJUKU 2-CHOME
            BUSICARD
```

Telephone Directory

● A Telephone Directory lets you store names, telephone numbers and addresses.

Each item can contain up to 384 characters. An indexed display shows each entry arranged according to the alphabetical sequence of the names. Finding specific data items is made easy by direct search, random search and combined search.

Index display

```
 ANDERSON JOHN    0262-28-9360
*CASEY BOB        201-575-1451
 EDWARDS DAVE     0486-66-2150
 LLOYD KEN        06-632-2151
*MARTIN ERIC      011-231-2343
 SMITH CHARLIE    03-862-4141
            TEL
```

Data display

```
 ANDERSON JOHN    0262-28-9360
 1710 DIGITAL ROAD, LOS ANGELES
 CA 90404
 BLOOD TYPE: AB
 SPORTS: SWIMMING TENNIS
▼BIRTHDAY: Oct. 9th 1960
            TEL
```

Schedule Alarm

The Schedule Alarm function of the Digital Diary acts as a handy reminder for appointments. Schedule alarms can be set for each appointment, independent of the appointment time. This means that an alarm can be set for a few minutes before the appointed time as a handy reminder that it's time to get ready.

```
            1991- 6-26 (WED)
 11:00A♣ Product Meeting
                    ALARM 10:50A
 12:00P
            SCHED
```

Calendar

● A 2-calendar display with special marks that show you an outline of your scheduled appointments at a glance.

Full month calendars from 1901 through 2099 can be

accessed, two months per display. Dates that contain appointments are flagged with special marks.

Schedule Keeper

● A Timetable Display that outlines the day's activities. The Schedule Keeper function stores appointment times and details. A Schedule Timetable provides an overview of appointments at a glance.

Weekly schedule timetable

Dual Calendar display

Schedule timetable

```
            1991- 6-26 (WED)
```

Schedule details

```
            1991- 6-26 (WED)
 9:00  NEW PRODUCT MEETING
       RE: NEW DIGITAL DIARY
 11:00
▼13:30 GUEST(MR. SMITH)
       MEETING ROOM 102
            SCHED
```

Memo

● Memo titles can be called up on an Index Display to help you locate the information you need in an instant.

The Memo function stores and recalls important note,

timetables, price lists, or virtually any other type of data. Each item can contain up to 384 characters. Data items are arranged in the sequence that they are entered. Memo search functions include direct search and random search.

Index display

```
 PRICE LIST - CALCULATORS
 AIRLINE SCHEDULE - N.Y.~TOKYO
 INTERNATIONAL DRIVER'S LICENSE
 BUSINESS PLAN IN TOKYO
 AIRLINE SCHEDULE - TOKYO~H.K.
▼BUSINESS PLAN IN HONG KONG
            MEMO
```

Data display

```
 PRICE LIST - CALCULATOR
 SF-4000   YEN 12800
 FC-100         4900
 DC-150A        3500
 DC-750A        3500
 DC-810         4900
            MEMO
```

Home time/World time

● A Timepiece function that provides valuable assistance for time and data management.

The World time function tells you what time it is around the globe. Any of the time zones can be specified as the home time. This makes the Digital Diary an important tool for the international business person, as well as anyone else to whom multi-zone timekeeping is important. The Home time also features a daily alarm.

Home time display (SF-9000)

```
HOME    Washington,D.C.
TIME    U.S.A.
        1991- 6-26 (WED)

        AM 6:45 37
```

World time display (SF-9000)

```
WORLD   Tokyo
TIME    Japan
        1991- 6-26 (WED)

        PM 8:45 37
```

▲ *Data input on the go*

IC Card Expand Applicability

64KB RAM Card with Memory Back-up
ES-100

- Memory capacity: 65,266 characters
- 1 year on 1 lithium battery (CR2016)
- 2H × 54W × 85.5mmD, 21 g.

Spelling Checker & Thesaurus Dictionary
ES-600

- Spelling checker (approx. 87,000 words)
- Thesaurus (approx. 42,000 words)
- Hyphenation
- Justification
- Abbreviation expander
- Usage alert
- 2H × 54W × 85.5mmD, 17.5 g.

●Spelling Checker

Checks approximately 87,000 words for correct spelling and lists other possible spellings.

●Thesaurus

Provides the definition, part of speech, and synonyms for approximately 42,000 words. Use when writing to avoid repeating the same word.

●Hyphenation

Shows the correct hyphenation for a word. Uses the same dictionary as the Spelling Checker.

●Reform

Reforms the right margin of text on the screen.

●Usage Alert

2,005 easily confused words (There/Their etc.) are shown with definitions in each correct choice.

●Abbreviation Expander

A 730-word dictionary shows full spelling of a word when an abbreviation is entered. Also lists accepted abbreviations for an input word.

Spelling Checker with Financial and Legal Terms
ES-610

- Spelling checker with financial and legal terms (approx. 95,000 words)
- Abbreviation expander (730 words)
- Usage alert (2,005 words)
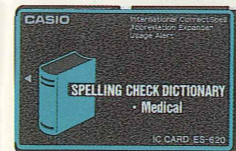- 2H × 54W × 85.5mmD, 17 g.

●Spelling Checker

●Hyphenation

●Reform

Spelling Checker with Medical Terms
ES-620

- Spelling checker with medical terms (approx. 157,000 words)
- Abbreviation expander (730 words)
- Usage alert (2,005 words)
- 2H × 54W × 85.5mmD, 17.3 g.

●Spelling Checker

●Hyphenation

●Reform

This is particularly true in the very demanding field of neurosurgery.

Casio Power Spreadsheet by Lucid® 3-D
ES-630

NEW! COMING SOON

- 3-dimensional linking of any cell
- Reads and writes Lotus 1-2-3 and Lucid 3-D files (Requires optional FA-100 interface unit)
- Large, 64KB memory stores massive amounts of data
- Disk-based PC link program included in both 3.5" and 5.25" formats
- Built-in templates for finance and other applications
- 2 years on 1 lithium battery (CR2016)
- 2H × 54W × 85.5mmD, 19 g.

●3-D Linking

Lucid 3-D is a registered trademark of PCSG, Inc.
Lotus 1-2-3 is a registered trademark of Lotus Development Corp.

Travel Conversations
Spanish ↔ English

NEW!

- English ↔ Spanish translator for travel conversations
- Stores approx. 550 sentences and approx. 880 words in Spanish and English.
- 66 situations in 40 categories for quick search of stored sentences.
- 2 years on 1 lithium battery (CR2016)
- 2H × 54W × 85.5mmD, 19 g.
- Comes with quick reference card.

●Category Index screen

●Sentence display

●Vocabulary display

*International CorrectSpell system, Electronic Thesaurus, Right Word Usage Alert and Abbreviation Expander developed by Houghton Mifflin Company, publishers of The American Heritage Dictionary and Roget's II: The New Thesaurus.
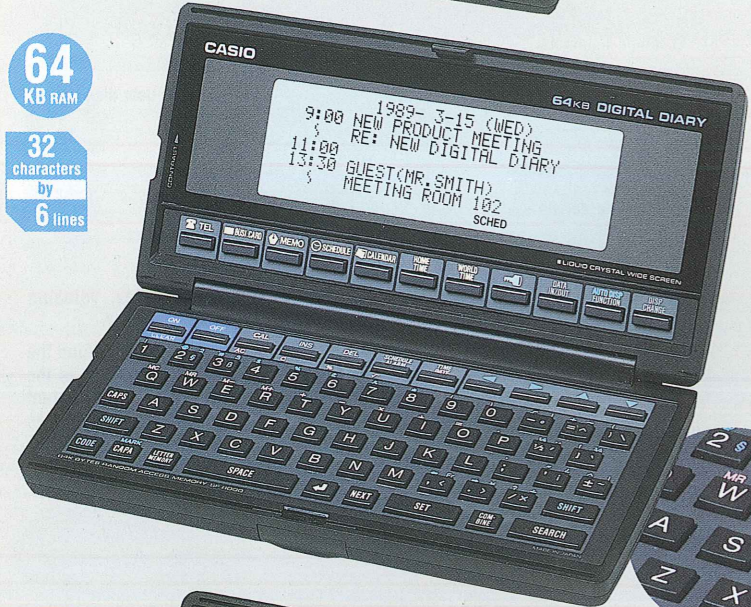
64 KB RAM
32 characters by 6 lines
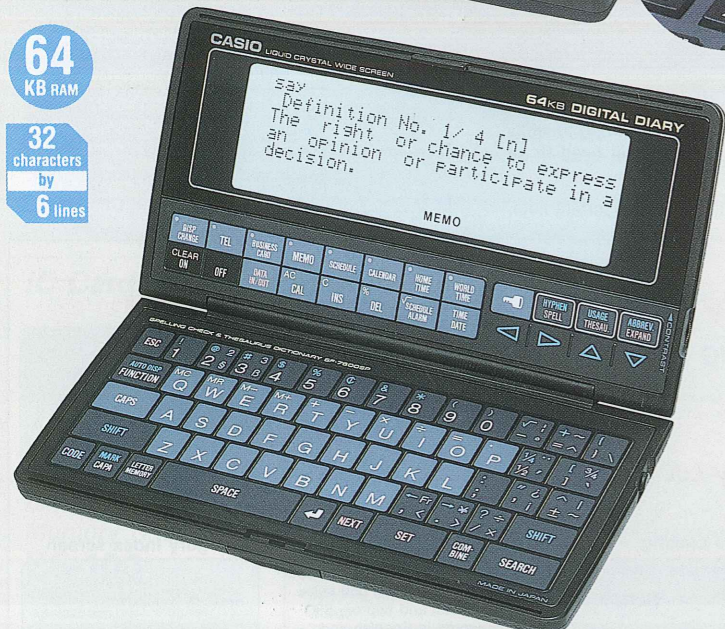
Massive Memory, Wide Display & World Time Function for the International Businessperson.

SF-7500

WIDE SCREEN · TEL · BUSINESS CARD · MEMO · SCHEDULE · CALENDAR · WORLD TIME · Schedule Alarm · PC-LINK

- Memory capacity: 62,092 characters (approx. 3,000 telephone numbers).
- Business card management function (company name, title, fax number, and more). • Schedule function with timetable display.
- Two-month calendar display (Jan. 1901 – Dec. 2009) — any day's schedule recalled from calendar display. • Clock with world time function.
- Connect to another Digital Diary with accessory cable (included) for data transfer. • Daily alarm • Schedule alarm (each appointment can be preset with its own alarm no matter how many appointments are stored).
- TEL function • MEMO function • LETTER MEMORY
- SECRET function • EDIT function • Auto display function
- Power source: Main power source — two lithium batteries (CR2025). Memory protection — one lithium battery (CR2025).
- Battery life: Main power source — approximately 85 hours. Memory protection — approximately two years.
- 15H × 133W × 74mmD — Folded. 7.5H × 133W × 148mmD — Unfolded.
- 148 g.
- Comes with data transfer cable (SB-60).

Strong Compact Case! Portable Design!

---

64 KB RAM
32 characters by 6 lines

1989 – 3-15 (WED)
9:00 NEW PRODUCT MEETING
RE: NEW DIGITAL DIARY
11:00
13:30 GUEST(MR.SMITH)
MEETING ROOM 102
SCHED

Sure-touch Stroke Keyboard for Quicker, More Accurate Data Input.

SF-8000

WIDE SCREEN · TEL · BUSINESS CARD · MEMO · SCHEDULE · CALENDAR · WORLD TIME · Schedule Alarm · PC-LINK

- Memory capacity: 62,092 characters (approx. 3,000 telephone numbers). • Stroke keyboard • Same functions as SF-7500
- 22H × 162W × 80mmD — Folded. 11H × 162W × 160mmD — Unfolded.
- 300 g.
- Comes with data transfer cable (SB-60).

Sure-touch stroke keyboard

Strong Compact Case! Portable Design!

---

64 KB RAM
32 characters by 6 lines

say
Definition No. 1/ 4 [n]
The right or chance to express
an opinion or participate in a
decision.
MEMO

Built-in Spelling Checker & Thesaurus Dictionary

SF-7600SP

WIDE SCREEN · TEL · BUSINESS CARD · MEMO · SCHEDULE · CALENDAR · WORLD TIME · Schedule Alarm · PC-LINK · PEN PRINTING

- Memory capacity: 56,006 characters (approx. 2,600 telephone numbers). • Spelling checker (approx. 87,000 words) • Thesaurus (approx. 42,000 words) • Hyphenation • Reform • Abbreviation expander (730 words) • Usage alert (2,005 words) • Business card management function • Schedule function with timetable display • Two-month calendar display (Jan. 1901 – Dec. 2009) — any day's schedule recalled from calendar display. • Clock with world time function • Connect to another Digital Diary with optional SB-61 for data transfer. • Daily alarm • Schedule alarm • TEL function • MEMO function • LETTER MEMORY • SECRET function • EDIT function • Auto display function
- Power source: Main power source — two lithium batteries (CR2032). Memory protection — one lithium battery (CR2025).
- Battery life: Main power source — approximately 75 hours. Memory protection — approximately 14 months.
- 16H × 142W × 76mmD — Folded. 8H × 142W × 152mmD — Unfolded.
- 164 g.

Strong Compact Case! Portable Design!

- **Spelling Checker**

logic
NOT FOUND IN SPELLING DICTIONARY 3/3
■ look   ■ loom
■ loop
PRESS [•] TO CONTINUE SEARCH.
MEMO

- **Hyphenation**

affecting
HYPHENATION
af-fect-ing
REFORM ? YES [SET] /NO [ESC]
MEMO

- **Reform**

The totality of surroundings con-
ditions and circumstances af-
fecting.
MEMO

- **Thesaurus**

say
Definition No. 1/ 4 [n]
The right or chance to express
an opinion or participate in a
decision.
MEMO

- **Abbreviation Expander**

ID   4/ 4
■ID   ■ Idaho
■IDs   ■ identification
■IDs   ■ identification card
         ■ identification cards
MEMO

- **Usage Alert**

disk   2/ 2
■ disk
■ circular flat object
■ disc
■ record
MEMO

Easy Data Communications with a Personal Computer

Connect two Digital Diaries using the SB-60/SB-61 cable to exchange stored data.

The optional FA-100 interface unit is available with 3.5″ and 5.25″ disks that contain SFD TOOL software for data communication with an IBM PC/AT or PS/2. Also, SFD TOOL-B software is optionally available to use even with an IBM PC or PC/XT. These software actually give an IBM computer many of the capabilities of the Digital Diary, so you can store Digital Diary data on floppy disks, or input data on the personal computer for later transfer to the Digital Diary. Companies can build entire networks of Digital Diaries centered around a central personal computer.

*IBM is a registered trademark of IBM Corporation.

*Lotus 1-2-3 is a registered trademark of Lotus Development Corporation.

Interface unit
FA-100

*FA-100 comes with data communication software (SFD TOOL)

Data communication software (SFD TOOL-B)
MF-4000

5.25″
3.5″

5.25″
3.5″

System Requirement for Data communication

*Processing speed may be much slower with certain IBM PC and PC/XT models because of their clock speed.

Software	IBM computer					Interface unit	RS-232C cable
	Model	RAM	Graphic memory	Display adaptor	RS-232C Interface		
SFD TOOL Standard accessory of FA-100	PC/AT PS/2	512KB	256KB	EGA VGA	Necessary	FA-100	PC/AT: SB-81 (option) PS/2: SB-80 (option)
SFD TOOL-B* Optionally available MF-4000	PC PC/AT PC/XT PS/2	512KB	Not necessary	CGA, EGA, PGA, MCGA, VGA, 8514/A	Necessary	FA-100	PC/AT: SB-81 (option) PC, PC/XT, PS/2: SB-80 (option)
MF-10/11/12/13 Optionally available database series	PC PC/AT PC/XT PS/2	256KB	Not necessary	Any	Necessary	FA-100	PC/AT: SB-81 (option) PC, PC/XT, PS/2: SB-80 (option)
PC link software Standard accessory of ES-630	PC PC/AT PC/XT PS/2	384KB	Not necessary	MDA, CGA, EGA, PGA, MCGA, VGA, 8514/A Herculus	Necessary	FA-100	PC/AT: SB-81 (option) PC, PC/XT, PS/2: SB-80 (option)

Data Communication Applications

| Function	Purpose	Example
Floppy disk storage	• Data backup • Mass storage or storage of data by type	Storage of Digital Diary data
Data input using personal computer keyboard	Speedy input of large volume of data	Input of data on personal computer for later transfer to the Digital Diary
Distribution of common data	Inputting data once and then distributing it to multiple units without further input	Input of data on a personal computer and then distributing it to multiple units
Printout	Production of hard-copies of data	Printout of data stored in a Digital Diary
Use in conjunction with a personal computer	Use of a previously created data base on a personal computer	Using Lotus 1-2-3 data on a Digital Diary

Data Exchange between Two Digital Diary Units

Connect two Digital Diary units with a data communication cable (SB-60 or SB-61) and you can exchange data between the two units. This means that data input by one person can be shared among unlimited numbers of others. Data can be transferred anytime and anywhere, as long as you have a cable. And operation is simple, too. Simply select the operation you need from an easy-to-understand menu display. Data can be transferred directly, without going through a personal computer.
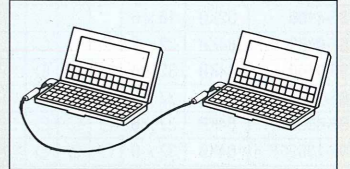
SF-7500/SF-8000/SF-9000/
SF-9500/SF-7600SP

1. Mr. Smith, the sales manager of XYZ Incorporated uses a personal computer to make up price lists with Lotus 1-2-3. Then he converts the price list to Digital Diary format, and transfers it to the personal Digital Diary units of his sales personnel.
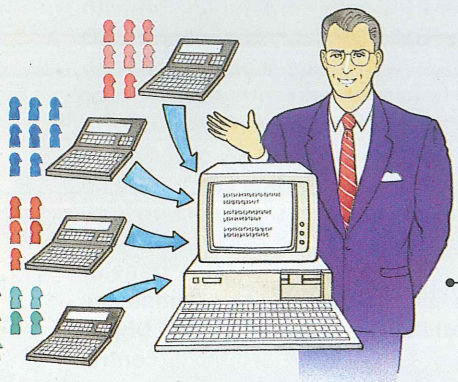
2. Mr. Smith, our sales manager, collects information on customer names from the Digital Diary units of his sales force, and uses the data for analysis and reporting.
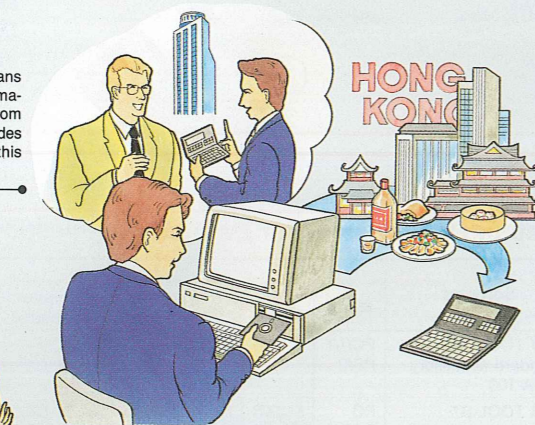
3. Mr. Jones, one of the salesmen of XYZ Incorporated plans to entertain a very important customer. He downloads information provided by the database software Phone Directory from the personal computer to his Digital Diary. The software provides suggestions on the type of hotel that matches the tastes of this client.
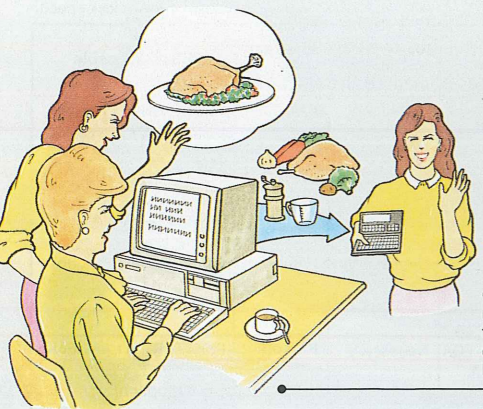
4. Mrs. Smith uses a personal computer to keep track of her favorite recipes. Her daughter, who was recently married, has asked for one of the recipes to cook something special for her husband. Mrs. Smith can quickly locate the recipe she needs and transfer it to her daughter's Digital Diary.

Pen Print Your Digital Diary Data!

CP-9
Pen printer for Digital Diary data plus handy copier
- Print data from SF-9500/SF-9000/SF-7600SP
- Print text not stored in SF-9500/SF-9000/SF-7600SP
- 4 character sizes and variable pitch

Casio Digital Diary Database Series

Easy transfer of data from your favorite data base to your Digital Diary!
Keep worldwide records in the mass storage of your personal computer and transfer the data to your Casio Digital Diary. Operation is simple, and requires no special communication software.

System Requirement
IBM PC, PC/AT, PC/XT or PS/2
At least 256KB of available main memory
5.25″ floppy disk drive
MS-DOS V.3.0
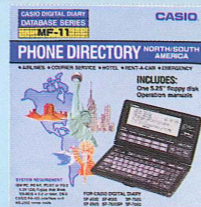CASIO FA-100 interface unit
RS-232C cable

MF-10 WORLD INFORMATION

- Country/airport city information for about 100 countries — IDD call, currency, voltage, airport tax, average temperature, etc.
- Disk size: 5.25″, 2D

MF-11 PHONE DIRECTORY

NORTH/SOUTH AMERICA

- Airlines, rent-a-car, courier services, hotels, emergency
- Disk size: 5.25″, 2D

MF-12 PHONE DIRECTORY

ASIA/OCEANIA

- Airlines, rent-a-car, courier services, hotels, emergency
- Disk size: 5.25″, 2D

MF-13 PHONE DIRECTORY

EUROPE/AFRICA/MIDDLE EAST

- Airlines, rent-a-car, courier services, hotels, emergency
- Disk size: 5.25″, 2D

Model name	RAM capacity	Display capacity	Index Display	Business Card Library	Telephone Directory	Memo function	Full-month calendar	Schedule function	Home time	World time	Daily Alarm	Schedule Alarm	Spelling Checker	Thesaurus	Hyphenation	Reform	Abbreviation Expander	Usage Alert	Combined Search	Random Search	Direct Search	Calculation capacity	Date calculation	Working day counts	Key top	Key layout	Data communication	IC card system	Pen printing
SF-4000	32KB	16×6	○		○	○													○		10-digit		Flat	ASCII			
SF-4100	32KB	16×6	○		○	○													○		10-digit		Plastic (stroke)	ASCII			
SF-9000	64KB	32×6	○	○	○	○ (2-month)	○	○	○								○		12-digit		Flat	ASCII	○		○
SF-9500	64KB	32×6	○	○	○	○ (2-month)	○	○	○								○		12-digit		Plastic (stroke)	ASCII	○		○
SF-7500	64KB	32×6	○	○	○	○ (2-month)	○	○	○								○		12-digit		Flat	ASCII	○		
SF-8000	64KB	32×6	○	○	○	○ (2-month)	○	○	○								○		12-digit		Plastic (stroke)	ASCII	○		
SF-7600SP	64KB	32×6	○	○	○	○ (2-month)	○	○	○								○		12-digit		Flat	ASCII	○		○

NEW CATEGORY

Totally new personal data tools that apply state-of-the-art engineering to create modern electronic masterpieces.

Data-Cal.
New generation of calculators — Stores phone numbers, credit card numbers, bank account numbers, important dates...

Quick Dialer
Automatic direct dialing of any number stored. You can store international and local codes for quick one touch dialing.
*Use with the American standard DTMF system push button telephone.

Travel Translator
Travel Translator comes preprogrammed with commonly used travel terms in English, Spanish and French. In addition, you get sentences that let you instantly express yourself in three languages.

Handy Copy
The Handy Copy is entirely different from any plain paper copier or hand-held copier, it copies any text directly onto any flat, smooth surface with a pass of the hand. In fact, the Handy Copy is so small that it goes along anywhere, ready for copying whenever you are.

Telephone directory
All data is automatically sorted in alphabetical order. Enter the first letter of a name and the name is recalled in a moment (Initial search).
(DC-6000/DC-3000/DC-1000/DC-850/DC-830/DC-150A/DC-160/DC-760/DC-750A/DC-750C/QD-700/QD-350/QD-150)

Schedule function
A complete schedule can be constructed for both work and play by simply specifying the proper date, month, and year.
(DC-6000/DC-3000/DC-850/DC-830)

Clock
Digital quartz clock tells you the hour, minute, second and am/pm.
(DC-6000/DC-1000/DC-850/DC-830/QD-700)
The hourly time signal is given every hour on the hour.
(DC-6000/DC-1000/DC-850/DC-830/QD-700)

World time function
World time tells you what time it is at virtually any point on the globe.
(DC-6000/DC-1000/QD-700)

Schedule alarm
When a schedule date and time arrives, a message appears on the display and an alarm buzzer sounds.
(DC-6000/DC-850/DC-830)

Tel Alarm
Up to three TEL Alarms can be set to remind you of important calls. At the preset time, a 20-second alarm sounds and the number to be dialed appears on the display.
(QD-700)

Profit margin percent
⊠ key gives quick access to prices and profit, and also delivers add-ons, discounts, ratios, increase/decrease values and regular percentages.
(All models except DC-1000/CP-9/TR-100)

Function command signs
A press of any function key brings a sign to the display, +, −, ×, ÷. So no more worries about being in the wrong mode.
(All models except DC-1000/CP-9/TR-100)

Auto dial function
Pressing the DIAL key after recalling the desired telephone number automatically dials the displayed number.
(QD-700/QD-350/QD-150)

Metric conversion
The metric conversion function is programmed with metric units that you can use for quick and easy conversions.
(DC-6000/DC-3000/DC-850/TR-100)

Currency conversion
The currency conversion function lets you instantly calculate from one currency to another.
(DC-6000/DC-3000/DC-850/TR-100)

Secret function
The Secret function keeps personal data private. Once a password is registered, data is locked away until the password is used to access the secret area.
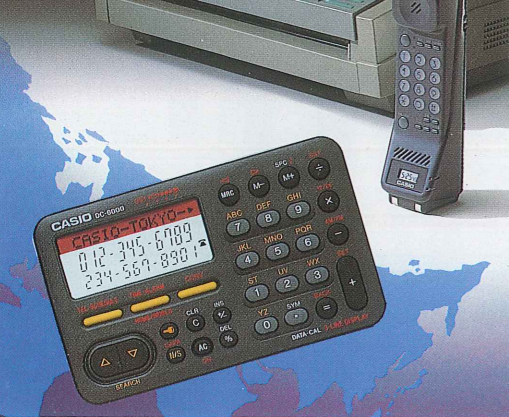(DC-6000/DC-3000/DC-850/DC-830/DC-150A/DC-160/DC-760/DC-750A/DC-750C/QD-700/QD-350/QD-150)

36 digit scrolling function
Stores data items up to 36 digits long, such as international telephone numbers, departure and arrival time for airplanes.
(DC-850/DC-830/DC-150A/DC-160/DC-750A/DC-750C/DC-760/QD-700/QD-350/QD-150) (56 digits for DC-1000)
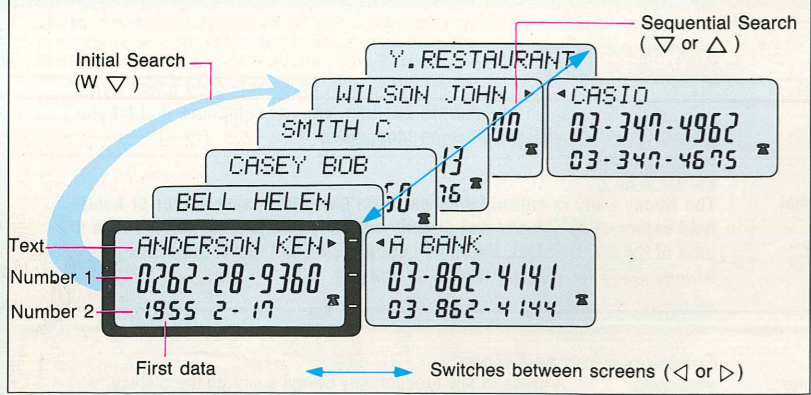
DATA-CAL

DC-6000
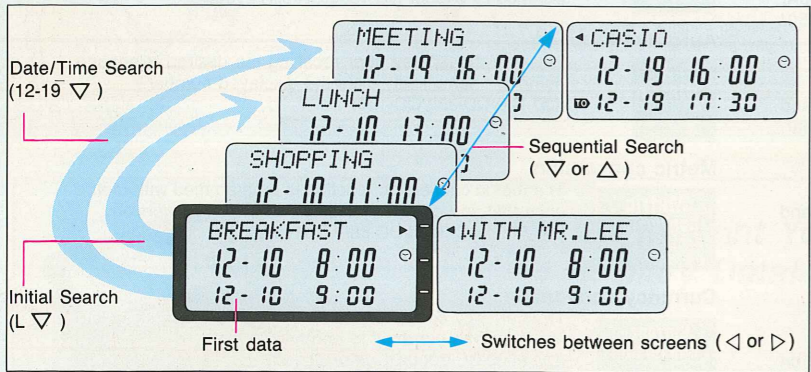
World Time and 3-line Display

NEW!

CARD TYPE · 150 TEL · SCHEDULE · WORLD TIME · Schedule Alarm · Profit Margin % · Metric Conversion · Currency Conversion

- Stores approx. 150 data items. ● Easy-to-read 3-line display ● 24-letter and 48-numeral display facilitates storage of large data. ● Clock with world time function (29 different zones including 26 cities). ● Daily alarm ● Schedule alarm ● 16 conversion units (8 metric and 8 reversible) ● 5 user conversion memories such as currencies... ● Secret function protects private data. ● Stored items sorted in alphabetical order. ● 12 digits
- *Power source: Main power source — one lithium battery (CR2016). Memory protection — one lithium battery (CR2016).
- *Battery life: Main power source — approximately 1 year.
- *7.2H × 112W × 68mmD, 53 g.

■ Telephone Directory

Sequential Search (▽ or △)

Initial Search (W ▽)

Y.RESTAURANT
WILSON JOHN
SMITH C
CASEY BOB
BELL HELEN

◀ CASIO
03-347-4962
03-347-4675

Text
Number 1
Number 2

ANDERSON KEN
0262-28-9360
1955 2-17

▲ BANK
03-862-4141
03-862-4144

First data   Switches between screens (◁ or ▷)

■ Schedule Keeper

Date/Time Search (12-19 ▽)

MEETING
12-19 16:00
LUNCH
12-10 13:00
SHOPPING
12-10 11:00

◀ CASIO
12-19 16:00
12-19 17:30

Sequential Search (▽ or △)

Initial Search (L ▽)

BREAKFAST
12-10 8:00
12-10 9:00

◀ WITH MR.LEE
12-10 8:00
12-10 9:00

First data   Switches between screens (◁ or ▷)

■ World Time Function (DC-6000)

TIMEPIECE	WORLD TIME
TUE ----	TUE NYC ----
1990-12-10	1990-12-10
10:58 35 PM	5:58 35 PM

■ Metric Conversion Function

1	Inches (INCH) ↔ Centimeters (CM)
2	Feet (FEET) ↔ Meters (M)
3	Miles (MILE) ↔ Kilometers (KM)
4	Fluid ounces* (FL. OZ) ↔ Milliliters (ML)
5	Gallons* (GAL) ↔ Liters (L)
6	Ounces (OZ) ↔ Grams (G)
7	Pounds (LB) ↔ Kilograms (KG)
8	Fahrenheit (°F) ↔ Celsius (°C)

*U.S. fluid ounces and U.S. gallons.

FEET ÷ M
16404199475

■ Currency Conversion

US$ ÷ ¥
152.65

DC-3000
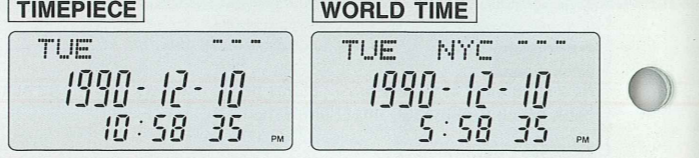
3-line Display and QWERTY Keyboard

NEW!

150 TEL · SCHEDULE · Profit Margin % · Metric Conversion · Currency Conversion

- Stores approx. 150 data items. ● Easy-to-read 3-line display ● 24-letter and 48-numeral display facilitates storage of large data. ● QWERTY keyboard ● 16 conversion units (8 metric and 8 reversible) ● 5 user conversion memories such as currencies... ● Secret function protects private data. ● Stored items sorted in alphabetical order. ● 12 digits
- *Power source: Main power source — one lithium battery (CR2025). Memory protection — one lithium battery (CR2025).
- *Battery life: Main power source — approximately 1,700 hours.
- *13H × 120W × 71mmD — Folded. 6.5H × 120W × 142mmD — Unfolded, 88.4 g.

Strong Compact Case! Portable Design!

DC-1000

Stores Over 500 Phone Numbers!
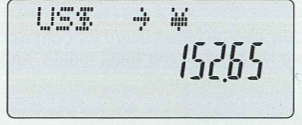
CARD TYPE · 500 TEL · WORLD TIME

- Stores over 500 data items. ● 56-letter and 16-numeral display facilitates storage of large data. ● Clock with world time function (24 different zones including 21 cities). ● Alarm ● Stored items sorted in alphabetical order. ● 8 digits ● Auto power-off function with memory retention.
- *Power source: Main power source — one lithium battery (CR2025). Memory protection — one lithium battery (CR1220).
- *Battery life: Main power source — approximately one year.
- *5.4H × 85.5W × 54.5mmD, 26 g.

BK(BLACK)   GD(GOLD)

DC-850

Massive Storage Capabilities Plus Versatile Functions Packed into a Compact Card Configuration

CARD TYPE · 150 TEL · SCHEDULE · Schedule Alarm · Profit Margin % · Metric Conversion · Currency Conversion

- Stores approx. 150 data items. ● 36-letter and 36-numeral display facilitates storage of large data. ● Clock ● Daily Alarm ● Schedule Alarm ● 16 conversion units (8 metric, 8 reversible) ● 5 user conversion memories such as currencies... ● Secret function protects private data. ● Stored items sorted in alphabetical order. ● 12 digits.
- *Power source: Main power source — one lithium battery (CR2016). Memory protection — one lithium battery (CR1216).
- *Battery life: Main power source — approximately one year.
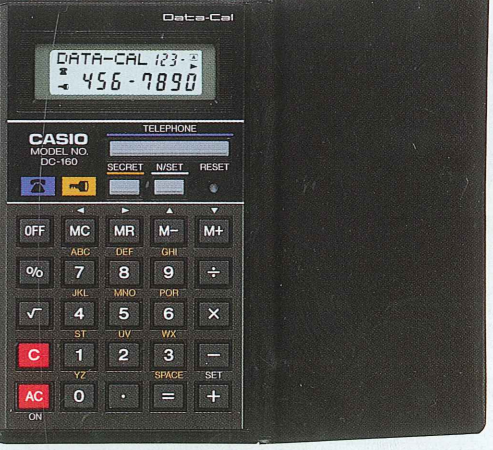- *4.2H × 85.5W × 54.5mmD, 35.8 g.

BK(BLACK)   GD(GOLD)

DC-830

8 + 36 Display, 146 (approx.) Items Storable

CARD TYPE · 146 TEL · SCHEDULE · Schedule Alarm · Profit Margin %

- Stores approx. 146 data items. ● 8-letter and 36-numeral display facilitates storage of large data. ● Clock ● Daily Alarm ● Schedule Alarm ● Secret function protects private data. ● Stored items sorted in alphabetical order. ● 8 digits.
- *Power source: Main power source — one lithium battery (CR2016). Memory protection — one lithium battery (CR1216).
- *Battery life: Main power source — approximately one year.
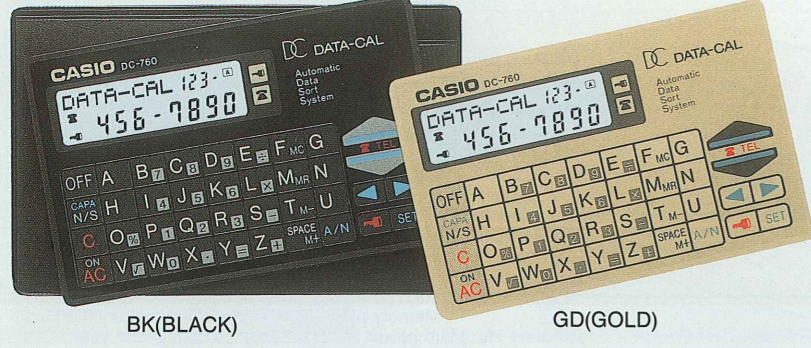- *3.9H × 85.5W × 54.5mmD, 32.2 g.

BK(BLACK)   GD(GOLD)

DC-150A

8 + 36 Display, 50 (max.) Items Storable

50 TEL · Profit Margin %

- Stores up to 50 data items. ● 8-letter and 36-numeral display facilitates storage of large data. ● Secret function protects private data. ● Stored items sorted in alphabetical order. ● 8 digits. ● Auto power-off function with memory retention.
- *750 hours on one lithium battery (CR2025).
- *7H × 68W × 115mmD, 67 g.

DC-160

146 Telephone Data Items with Total Security

146 TEL · Profit Margin %

- Stores approx. 146 data items. ● 8-letter and 36-numeral display facilitates storage of large data. ● Secret function protects private data. ● Stored items sorted in alphabetical order. ● 8 digits. ● Auto power-off function with memory retention.
- *4,000 hours on one lithium battery (CR2025).
- *7H × 68W × 115mmD, 41 g.

146 Telephone Data Items with Total Security

DC-760

BK(BLACK) **GD(GOLD)**

CARD TYPE | 146 TEL | Profit Margin % | +− ×÷

- Stores approx. 146 data items.
- 8-letter and 36-numeral display facilitates storage of large data.
- Secret function protects private data.
- Stored items sorted in alphabetical order. ● 8 digits.
- Auto power-off function with memory retention.
- 3,000 hours on one lithium battery (CR2016).
- 4.2H × 85.5W × 55mmD, 20 g.

8 + 36 Display, 50 (max.) Items Storable

SR(SILVER) **BKB(BLACK)** **GD(GOLD)** **BK(BLACK)**

DC-750A

CARD TYPE | 50 TEL | Profit Margin % | +− ×÷

- Stores up to 50 data items. ● 8-letter and 36-numeral display facilitates storage of large data.
- Secret function protects private data. ● Stored items sorted in alphabetical order. ● 8 digits.
- Auto power-off function with memory retention.
- 330 hours on one lithium battery (CR2016). *4H × 85W × 55mmD, 18 g.

New Colors for the 90's

Standard design

GD(GOLD) **BK(BLACK)** **SR(SILVER)**

Casual design

BKB(BLACK) **GDB(GOLD)**

DC-750C

CARD TYPE | 50 TEL | Profit Margin % | +− ×÷

- Stores up to 50 data items.
- 8-letter and 36-numeral display facilitates storage of large data.
- Secret function protects private data.
- Stored items sorted in alphabetical order. ● 8 digits.
- Auto power-off function with memory retention.
- 330 hours on one lithium battery (CR2016). *4H × 85W × 55mmD, 18 g.

Model name	Display size	Input capacity	Number of storable data items	Search methods	Schedule function	Schedule alarm	Secret function	Daily alarm	Timepiece	Key top	Others
DC-6000	12 characters+ 24 digits	24 characters+ 48 numbers	150 (variable)	Initial/Sequential	○	○	○	○	○	Rubber	World time function, Conversion function
DC-3000	12 characters+ 24 digits	24 characters+ 48 numbers	150 (variable)	Initial/Sequential	○	—	○	○	○	Flat	Conversion function
DC-1000	8 characters+ 8 digits	56 characters+ 16 numbers	504 (max.)	Initial/Sequential	—	—	○	—	○	Flat	World time function
DC-850	12 characters+ 24 digits	36 characters+ 36 numbers	150 (variable)	Initial/Sequential	—	—	○	—	○	Flat	Conversion function
DC-830	8 characters+ 12 digits	36 characters+ 36 numbers	146 (variable)	Initial/Sequential	—	—	○	—	○	Flat	—
DC-150A	8 characters+ 12 digits	8 characters+ 36 numbers	50 (max)	Initial/Sequential	—	—	○	—	—	Rubber	—
DC-160	8 characters+ 12 digits	36 characters+ 36 numbers	146 (variable)	Initial/Sequential	—	—	○	—	—	Rubber	—
DC-760	8 characters+ 12 digits	36 characters+ 36 numbers	146 (variable)	Initial/Sequential	—	—	○	—	—	Flat	—
DC-750A	8 characters+ 12 digits	8 characters+ 36 numbers	50 (max)	Initial/Sequential	—	—	○	—	—	Flat	—
DC-750C	8 characters+ 12 digits	8 characters+ 36 numbers	50 (max)	Initial/Sequential	—	—	○	—	—	Flat	—

QUICK DIALER

100 Telephone Numbers and 26-city World Time

QD-700

100 TEL | WORLD TIME | ☎ | Profit Margin % | +− ×÷ | QUICK DIALER

- Automatically dials stored number at the touch of a key. ● Automatic redial of last number dialed. ● Chain function links phone number and credit card accounts.
- One-touch elimination of area codes. ● Abbreviated dial function. ● Stores up to 100 data items. ● 8-letter and 36-numeral display facilitates storage of large data.
- 3 Telephone alarms ● Daily alarm *Secret function protects private data.
- Stored items sorted in alphabetical order. ● 8 digits.
- Clock with world time function (29 different time zones including 26 cities).
- *Power source: Main power source — two lithium batteries (CR2025). Memory protection — one lithium battery (CR1220).
- *Battery life: Main power source — approximately one year.
- *14.5H × 69W × 134.5mmD — Folded.
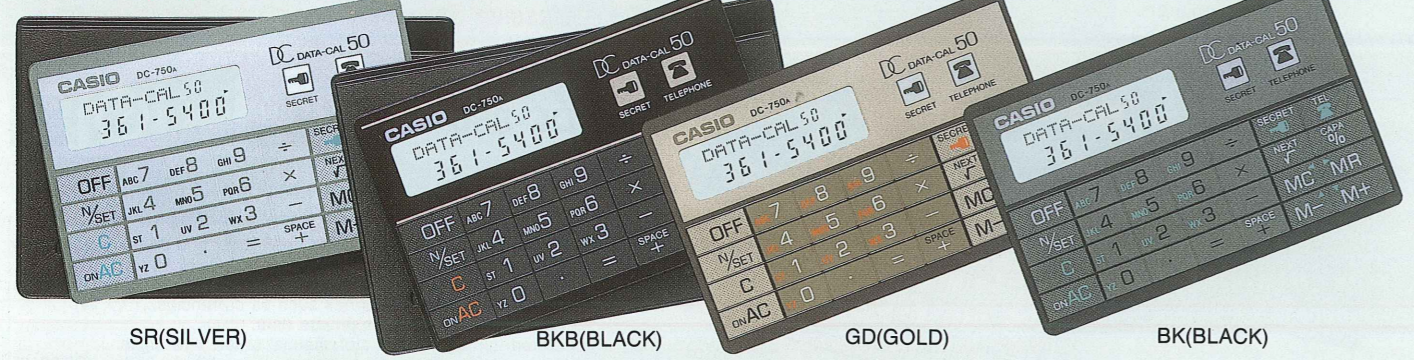 14.5H × 69W × 217.5mmD — Unfolded.
- *95 g.

■ World time city codes

GMT	CITY CODE	CITY	GMT	CITY CODE	CITY
+00	LON	LONDON	+11	NOU	NOUMEA
+01	PAR	PARIS	+12	WLG	WELLINGTON
+02	CAI	CAIRO	−11		
+03	MOW	MOSCOW	−10	HNL	HONOLULU
+3.5	THR	TEHRAN	−09	ANC	ANCHORAGE
+04	DXB	DUBAI	−08	LAX	LOS ANGELES
+4.5	KBL	KABUL	−07	DEN	DENVER
+05	KHI	KARACHI	−06	CHI	CHICAGO
+5.5	DEL	NEW DELHI	−05	NYC	NEW YORK
+06	DAC	DACCA	−04	CCS	CARACAS
+6.5	RGN	YANGON	−03	RIO	RIO DE JANEIRO
+07	BKK	BANGKOK			
+08	HKG	HONGKONG	−01		
+09	TYO	TOKYO			
+9.5	ADL	ADELAIDE			
+10	SYD	SYDNEY			

One-touch Change of World Time Cities

Foldable Design

One-touch Initial Letter Search

One-touch Dialing, Including Credit Card Number!

QD-350

50 TEL | Profit Margin % | +− ×÷ | QUICK DIALER

- Automatically dials stored number at the touch of a key.
- Automatic redial of last number dialed.
- Joint function links phone number and credit card numbers for one touch charges to card accounts.
- One-touch elimination of area codes.
- Abbreviated dial function.
- Stores up to 50 data items.
- 8-letter and 36-numeral display facilitates storage of large data.
- Secret function protects private data.
- Stored items sorted in alphabetical order. ● 8 digits.
- Auto power-off function with memory retention.
- *1,260 hours on two lithium batteries (CR2025).
- *16.5H × 64W × 124mmD — Folded.
  16.5H × 64W × 191mmD — Unfolded.
- *80 g.

Foldable Design
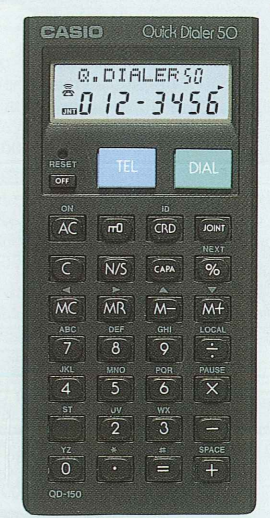
One-touch Dialing, Including Credit Card Number!

QD-150

50 TEL | Profit Margin % | +− ×÷ | QUICK DIALER

- Automatically dials stored number at the touch of a key.
- Automatic redial of last number dialed.
- Joint function links phone number and credit card numbers for one touch charges to credit card accounts.
- One-touch elimination of area codes.
- Abbreviated dial function.
- Stores up to 50 data items.
- 8-letter and 36-numeral display facilitates storage of large data.
- Secret function protects private data.
- Stored items sorted in alphabetical order. ● 8 digits.
- Auto power-off function with memory retention.
- *1,260 hours on two lithium batteries (CR2025).
- *14H × 62W × 130mmD, 69.4 g.

TRAVEL TRANSLATOR

NEW!

The All-in-one Travel Companion That Provides Instant Translations!

TR-100

Metric Conversion | Currency Conversion

- 3-language translator (programmed 2,700 words and 900 sentences for translation between English, French and Spanish)
- 22 metric conversion functions (11 metric, 11 reversible)
- Currency conversion functions
- 10 digits
- 30 hours on two LR03 (AM4) batteries. (15 hours on type R03 (UM-4).
- *16H × 137.5W × 79mmD, 90 g.

■ 13 categories
- General/Greetings ●Travel/Customs ●Hotel ●Restaurant ●Sightseeing ●Shopping ●Entertainment ●Communication ●Medical/Emergency ●Banking/Professions ●Sports ●Beauty/Health Care ●Automotive ●All Categories

■ Metric Conversion

1	INCH (inches)	↔	CM (centimeters)
2	YARD (yards)	↔	M (meters)
3	MILE (miles)	↔	KM (kilometers)
4	OZ (ounces)	↔	GRAM (grams)
5	LB (pounds)	↔	KG (kilograms)
6	TON (tons)*¹	↔	KG (kilograms)
7	GAL (gallons)*²	↔	L (liters)
8	J (joules)	↔	CAL (calories)
9	HP (horsepower)*¹	↔	KW (kilowatts)
10	BTU (British thermal units)	↔	KWH (kilowatt hours)
11	°F (Fahrenheit)	↔	°C (Centigrade)

*¹ U.K. tons and U.K. horsepower   *² U.S. gallons

To perform a translation

CATEGORY: HOTEL
LANGUAGE: ENGLISH
SEN./WORD: SENTENCE

Example)
To translate ''Do you have any vacant rooms?'' from English into French and Spanish

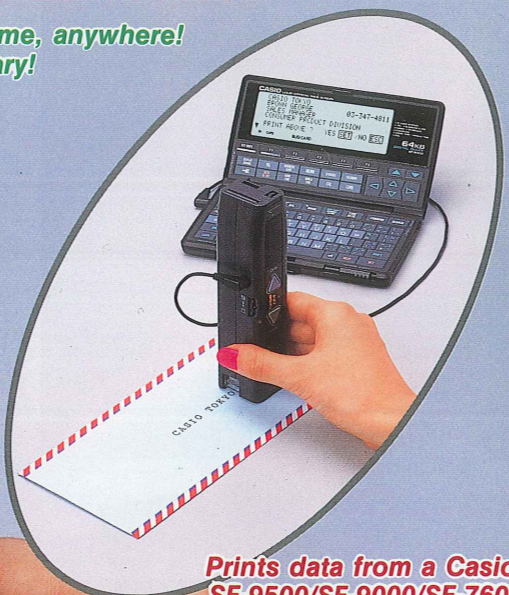|	
ⓥ	my name is
ⓥ ⓥ	do you have any
▷	my vacant rooms
	avez-vous des_c
▷	chambres libres
	tiene Ud. habit
▷	taciones libres

HANDY COPY
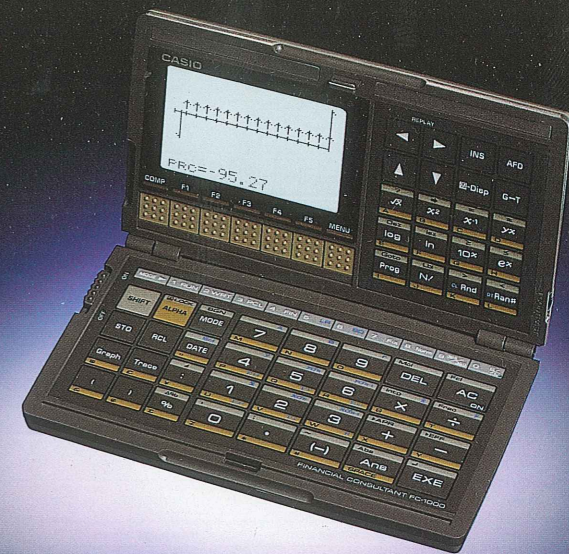
2-in-1 Copier and Pen Printer

Now make copies of originals anytime, anywhere!
And print data from your Digital Diary!

Prints data from a Casio SF-9500/SF-9000/SF-7600SP Digital Diary

COPY PEN CP-9

- Copies section 8mm wide so you get only the sections that you want. ● Besides easy portability, compact configuration lets you print in narrow spaces. ● Repeat function lets you make multiple copies with a single read operation. ● Edge cut function lets you copy only the areas you want. ● Pause function lets you insert line changes where you want them. ● Adjustable print density ● Prints data from an SF-9500/SF-9000/SF-7600SP Digital Diary (Print data from Digital Diary memory, Print text not stored in Digital Diary memory, 4 character sizes and variable pitch)
* Rechargeable battery (NP-612)
* 139H × 33W × 34mmD, 155 g.

READING

1) Switch power ON and set the mode switch to GRAPHIC.
2) Press the READ button.
3) Set the COPY PEN onto the original to be copied. (Fig. 1)
4) Slowly move the COPY PEN along the direction mark printed on the unit. (Fig. 2)
5) Remove the COPY PEN from the original, and confirm that a single beep sounds. (Fig. 3)
* Set the mode switch to WORD before beginning read operation if you copy only the areas you want.

(Fig. 1) **COPY PEN**

(Fig. 2)

(Fig. 3)
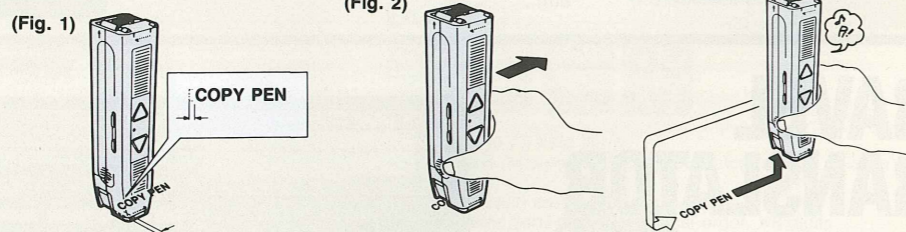
PRINTING

1) Turn upside of the unit down.
2) Press the PRINT button.
3) Set the COPY PEN onto the surface on which you wish to print. (Fig. 4)

(Fig. 4) **COPY PEN**

4) Slowly move the COPY PEN along the direction mark printed on the unit. (Fig. 5)

(Fig. 5)

* You can print the memory contents as many times as you wish by repeating the printing procedure from step 3 after pressing the PRINT button.
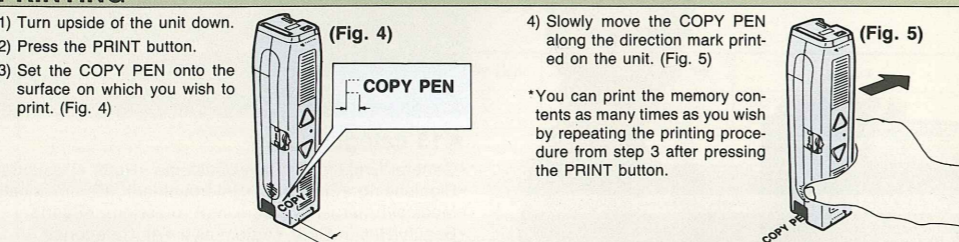
■Standard accessories

Ink ribbon cassettes (IR-16BK) (Black)
Three cassettes are included as accessories

Battery charger (CHA-8HC)
Brings the COPY PEN top a full charge in about eight hours.

Hard case

Rechargeable battery (NP-612)

■Options Ink ribbon cassettes (IR-16)

BU (BLUE) RD (RED) GD (GOLD) SR (SILVER)
Optional ink ribbon cassettes also available in gold, silver, black, blue and red for attractive variations

60 cm long transfer cable for CP-9 (SB-61)
Using the cable you can connect CP-9 with SF-9000/9500/7600SP and transfer data from SF-9000/9500/7600SP to CP-9.
*SF-9000 comes with a 30 cm long transfer cable (SB-60)

FINANCIAL

In a world that is shrinking every day, accurate, reliable data is becoming more essential to the modern business person. Casio financial calculator provide the financial calculation capabilities vital to success.

Financial Consultant

No more struggling through compound interest, amortization, or investment appraisal calculations. Wide applicability for everyone from students to bankers, securities dealers, and other professionals.

Compound interest calculations
One-touch determination of principal, total of principal and interest, interest rate, period, and installment savings account.
(FC-1000/FC-200/FC-100)

Investment appraisal
Appraise investments accurately through net present value and internal rate of return.
(FC-1000/FC-200/FC-100)

Bond calculations
The bond calculation function lets you perform both bond price and yeild to maturity. Also, by specifying a call price, you can calculate the accurued interest for a coupon payment date before maturity.
(FC-1000)

Depreciation
Depreciation can be calculated using either straight line depreciation, sum-of-the-years' digits, or declining balance.
(FC-1000)

Programming function
Combine financial, statistical, and scientific functions to create powerful customized programs.
(FC-1000/FC-200)

Menu operation
A series of menus guides you through selections of a wide variety of financial calculation functions. Simply locate the function you need and use the function keys (F1 through F5) to enter data a prompted on the display.
(FC-1000)

Full display of data
All values currently assigned to variables are displayed at a touch. For both manual and programmed calculations, you get more data on the display at once, so editing and corrections go quicker and easier.
(FC-1000)

Regression analysis
Select from 4 different types of regression analysis calculations, including linear regression, for comprehensive forecasting and analysis capabilities.
(FC-1000/FC-200/FC-100)

Graphic function
Simple interest, compound interest, investment appraisal and bond calculation results become easier to follow when shown on a cash flow graph. Loan amortization and depreciation graphs put years of important data into perspective right on the display.
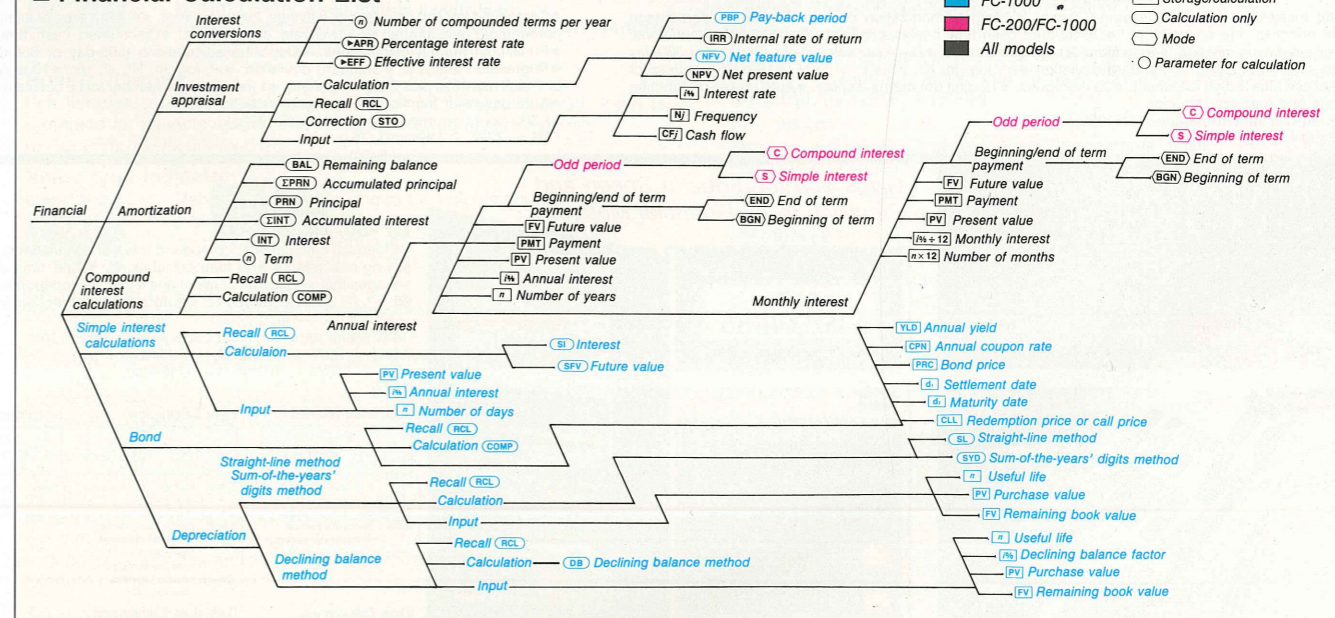(FC-1000)

■ Financial Calculation List

Legend:
- FC-1000
- FC-200/FC-1000
- All models
- Storage/calculation
- Calculation only
- Mode
- Parameter for calculation

FINANCIAL CONSULTANT

Powerful Built-in Graphic Function for Cash Flow, Amortization.....

| Financial | Statistics | Program | Graphics | 16 characters by 8 lines |

FC-1000

●Financial Graph functions ●Bonds ●Depreciation ●Compound interest calculations (savings, loans, leasing). ●Amortization of loans. ●Annual percentage rate/annual effective rate conversions. ●Discounted cash flow analysis. ●Price/cost/margin calculations. ●2,047-step programming function. ●10 independent program areas. ●Day/date calculations (365-day or 360-day basis). ●Standard deviation. ●Regression analysis. ●e^x, log, ln, NI, y^x, $\sqrt{x}$, x^2, x^{-1}. ●26 memories. ●Auto power-off function with memory retention.
*70 hours on three lithium batteries (CR2025).
*14H × 126W × 74mmD — Folded.
7H × 126W × 145mmD — Unfolded.
*140 g.

FINANCIAL MENU 1
This menu gives you a selection of simple interest, compound interest (annual, monthly), amortization, and investment appraisal calculations.

●Financial Menu 1
```
** FINANCE 1 **
F1 SIMPLE
F2 COMPOUND
F3 MONTHLY C.I.
F4 AMORTIZATION
F5 D.C.F.
```
| SMP | CMP | MC.I | AMR | DCF |

●Simple interest
SFV=1'526.82

●Compound interest
PV=48'846.44

●Amortization of loan
INT=-664.73

●Discounted cash flow analysis
CFB=-86'000.00

FINANCIAL MENU 2
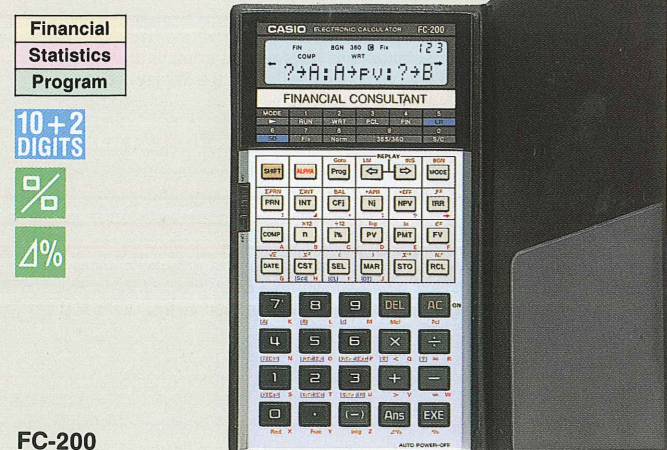Menu 2 provides a selection among bond, depreciation, and cost/selling price/margin calculations.

●Financial Menu 2
```
** MENU 2 **
F1 BOND
F2 DEP.SL
F3 DEP.SYD
F4 DEP.DB
F5 CST.SEL.MAR.
```
| BND | SL | SYD | DB | CSM |

●Depreciation
DB=3'600.00

●Bond
PRC=-95.27

**Strong Compact Case!
Portable Design!**

Dot Matrix Display The Business Professional's Secret Weapon

| Financial | Statistics | Program |

10+2 DIGITS

FC-200
●Compound interest calculations (savings, loans, leasing). ●Amortization of loans. ●Annual percentage rate/annual effective rate conversions. ●Discounted cash flow analysis. ●262-step programming function. ●10 independent program areas. ●Day/date calculations (365-day or 360-day basis). ●Regression analysis. ●Standard deviation. ●e^x, log, ln, NI, y^x, $\sqrt{x}$, x^2, x^{-1}. ●10-digit mantissa or 10-digit mantissa plus 2-digit exponent. ●26 memories. ●12-digit dot matrix display. ●Auto power-off function with memory retention.
*450 hours on two lithium batteries (CR2032).
*9.5H × 71.5W × 132.5mmD, 87g.

## More Powerful Functions Turn You into a Financial Wizard!

Savings, loans, leasing

Investment appraisal

Marketing & business planning

| Financial | Statistics |

Profit Margin %

13 DIGITS
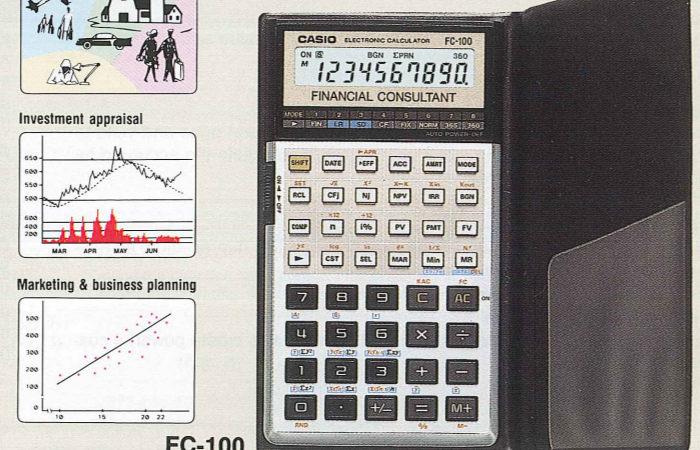
FC-100
●Compound interest calculations (savings, loans, leasing). ●Amortization of loans. ●Annual percentage rate/annual effective rate conversions. ●Discounted cash flow analysis. ●Price/cost/margin calculations. ●Day/date calculations (365-day or 360-day basis). ●Regression analysis. ●Standard deviation. ●e^x, log, ln, NI, y^x, $1/x$. ●10-digit mantissa or 7-digit mantissa plus 2-digit exponent. ●1 independent memory and 6 constant memories. ●Auto power-off function with memory retention.
*1,300 hours on one lithium battery (CR2025).
*9H × 72W × 129mmD, 75 g.

FINANCIAL CAL.

Gives You the Edge in Speed and Precision in All Financial Matters.

Profit Margin %
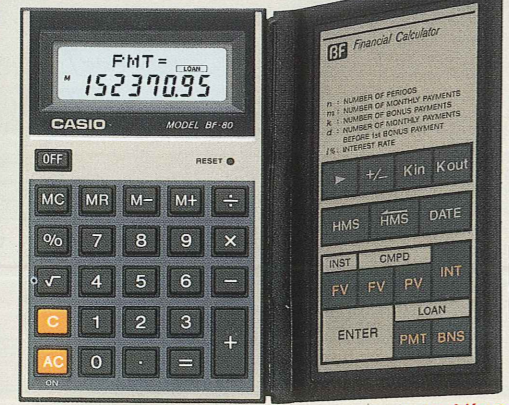
BF-80
●Financial calculations: compound interest calculations, installment saving calculations and loan calculations. ●Date/time calculations, sexagesimal ↔ decimal conversions ●8 digits, independent memory, ⊞, ⊟, ▶ quick corrections. ●Auto power-off function with memory retention.
*480 hours on one lithium battery (CR2016).
*12H × 69W × 109mmD — Folded.
8H × 142W × 109mmD — Unfolded.
*63g.

Compound Interest
PV = 5000.
Entry: principal, interest rate, period
Object: principal + interest

Loan Calculations
i% = 8.52
Entry: loan amount, interest rate, period
Object: monthly payment

Installment Savings
INT = 2529.7199
Entry: deposit amount, interest rate, period
Object: principal + interest

Time Calculations
HMS = 12°34'56"

Date/days Calculations
87-05-03

SCIENTIFIC

$$\int_1^5 (2X^2 + 3X + 8)dx$$

The comprehensive range has been extended to meet the needs of people delving into advanced math, from the student to the scientist. They are right for colleges, industry and a broad spectrum of professional uses.
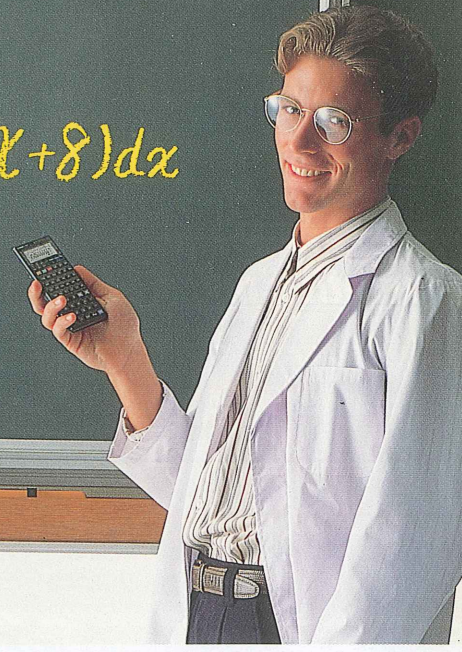
Scientific Formula
The most often applicable scientific formulas are built in. Simply enter a number of the desired formula. Then just enter the required values and the result is displayed in an instant.

Electric Formula
This calculator is specially designed to perform electric and electronic calculations. An impedance calculation function is equipped for invaluable assistance in design of filters, power supplies, and other analog circuits. Also comes equipped with the most commonly used electric and electronic formulas built in.

Programmable
Simply enter the calculation the way it is written — no special programming knowledge required. Makes short work out of complex repeat calculations.

Graphic Scientific
Now see graphs of formulas produced right on the display! Analyze data characteristics and trends at a glance.

Number of functions/scientific functions
In accordance with the Japan Business Machine Association policies, Casio will henceforth express the number of scientific functions available as noted below. This will separate standard and non-standard functions to allow end users to more precisely compare models produced by competing manufacturers. In addition, such special functions as programming, graphing and others will be counted separately as special functions*.

Example

112 FUNCTIONS (incl.) 85 SCIENTIFIC FUNCTIONS
— Total of standard functions and special functions
— Number of scientific functions

*Special functions
Programming, graphing, built-in formulas, memo, formula memory, integrals, replay, answer memory, insert, maltistatement.

C-power
Unlike conventional solar calculators, C-power models can be used even in total darkness. Solar powered in the sunlight, these models automatically switch over to a 7-year lithium battery when light is insufficient.
(fx-85V/fx-115V/fx-991V/fx-992V/fx-451M/fx-3400P/fx-3600PV/fx-10F/fx-50F/fx-61F)

Built-in formula
Full libraries of often-used formulas built in for one-touch recall! Input is prompted for variable values with results produced instantaneously.
(fx-5000F/fx-10F/fx-50F/fx-61F)

Value type indicator
Value Type Indicator shows the unit of measurements (complex number calculations, engineering symbol calculations, π, coordinate conversions)
(fx-100D/fx-570AD/fx-570CD)

Regression analysis
Four types of paired variable regression calculations. Calculations include constant term, regression coefficient, correlation coefficient and estimated values.
(fx-5500L/OH-7000G/fx-7500G/fx-7000GA/fx-8500G/fx-85V/fx-100D/fx-100V/fx-115V/fx-991V/fx-992V/fx-570AD/fx-570CD/fx-570AV/fx-570CV/fx-580/fx-3400P/fx-3600P/fx-3800P/fx-4000P/fx-4100P/fx-4200P/fx-4500P/fx-5200P/fx-5000F/fx-10F/fx-50F)

Base calculations/conversions, logical operations
An expansive range of functions for specialized usage in hi-tech roles such as address calculations and internal circuit design.
(fx-5500L/OH-7000G/fx-7500G/fx-7000GA/fx-8500G/fx-100D/fx-100V/fx-115V/fx-135/fx-991V/fx-992V/fx-451M/fx-570AD/fx-570CD/fx-570AV/fx-570CV/fx-580/fx-3400P/fx-3600PV/fx-3800P/fx-4000P/fx-4100P/fx-4200P/fx-4500P/FX-603P/fx-3400P/fx-10F/fx-50F/fx-61F)

True algebraic logic
Automatically determines priorities in for computation.
(All models)

Physical constants
Many commonly used physical constants such as the Speed of light in space, Planck constant and Electron rest mass are built in, for fast one-touch recall and resolution.
(fx-991V/fx-992V/fx-45lM/fx-570AD/fx-570CD/fx-570AV/fx-570CV/fx-3400P/fx-5200P/fx-5000F/fx-50F)

Complex number calculations
Arithmetic calculations; arguments, conjugate complex numbers, absolute value calculations using complex numbers.
(fx-5500L/fx-100D/fx-570AD/fx-570CD/fx-580)

Learn program
Simply enter a formula for repeat execution. No special programming knowledge required.
(OH-7000G/fx-7500G/fx-7000GA/fx-8500G/fx-3400P/fx-3600P/fx-3600PV/fx-3800P/fx-4000P/fx-4500P/FX-602P/FX-603P/fx-10F/fx-50F/fx-61F)

Formula memory
Enter a formula and store it in memory with the touch of a key. Values are prompted for variables — simply enter the correct values to calculate results.
(fx-5500L/fx-4100P/fx-4200P/fx-4500P/fx-5000F)

Memo function
Storage of a multitude of formulas and constants, limited only by memory capacity. Any formula stored can be recalled into the Formula memory for execution. (fx-4200P/fx-4500P)

File editor
Storage of a multitude of formulas and constants, limited only by memory capacity. (fx-8500G)

Dot matrix display
Dot matrix format allows display of alphanumeric characters, so formula input can be confirmed easily on the display.
(fx-5500L/OH-7000G/fx-7500G/fx-7000GA/fx-8500G/fx-580/fx-4000P/fx-4100P/fx-4200P/fx-4500P/fx-5200P/FX-602P/FX-603P/fx-5000F)

Graphic function
20 built-in graphs plus trace, plot and overwrite capabilities for user-generated graphs. Statistical graphs can also be produced.
(OH-7000G/fx-7500G/fx-7000GA/fx-8500G)

Replay function
Execute a formula and then recall it back to the display for confirmation or changes. Formulas that produce errors are recalled automatically.
(fx-5500L/OH-7000G/fx-7500G/fx-7000GA/fx-8500G/fx-4100P/fx-4200P/fx-4500P/fx-5000F)

Hi-speed super-fx
Calculates 2.5 times faster than previous models.
(fx-85V/fx-100D/fx-100V/fx-115V/fx-991V/fx-992V/fx-570AD/fx-570CD/fx-570AV/fx-570CV/fx-3600PV)

6-Function Scientific Library Built In!

Function Menu selection makes operation quick and easy!

NEW!

OHP Graphs at the Touch of a Key!

Direct Transfer of Graphs onto an OHP Screen Simplifies Drawing of Graphs on Blackboard or White Board

OH-7000G

16 characters by 8 lines | 112 FUNCTIONS Incl. 85 SCIENTIFIC FUNCTIONS | DOT MATRIX

- Overhead projection unit
- Display: Text — 16 columns × 8 lines (128 characters). Graphics — 96 × 64 dots.
- High utility variation of program steps and data memories.

422 steps 26 memories ↔ 6 steps 78 memories

- Graphic functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph, Instant factor).
- Perfect entry system
- Instant replay function
- Regression analysis
- Base conversions/calculations, logical operations.
- 100 hours on four N size batteries.
- 20.5H × 90W × 190mmD, 223 g.

Wallet Type
fx-5500L

123 FUNCTIONS Incl. 119 SCIENTIFIC FUNCTIONS | 2-LINE BIG DISPLAY | DOT MATRIX

- Built-in 6-function Scientific Library
- 2-line dot matrix display shows formulas and results simultaneously.
- Perfect entry system
- Formula memory (1,095 steps)
- Instant replay function
* Power source:
  Main power source — two lithium batteries (CR2032)
  Memory protection — one lithium battery (CR2032)
* Battery life: Main power source — approximately 350 hours
* 9.9H × 73W × 141.5mmD, 92 g.

SCIENTIFIC LIBRARY

① Matrix Operations
[SHIFT] [F1] displays the Matrix Operation menu, which gives you a choice of the following functions.
- Addition, subtraction, multiplication
- Scalar product • Transposed matrix
- Determinant • Inverse matrix
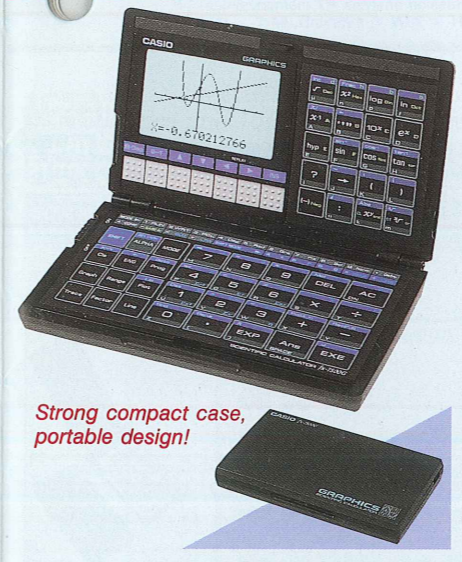- Matrix A/Matrix B exchange
- Matrix C transfer

② Equations
[SHIFT] [F2] displays the Equation Menu that can be used for the following calculations.
- Quadratic equations
- Simultaneous equations (1 unknown through 4 unknowns)

③ Integrations
[SHIFT] [F3] displays the Integration Menu for integration calculations.

④ Complex Number Calculations
[SHIFT] [F4] displays the Complex Number Calculation Menu, with the following capabilities.
- Arithmetic operations • Conjugate complex numbers
- Arguments • Absolute values • Real number extraction
- Imaginary number extraction

⑤ Base-n Calculations
[SHIFT] [F5] displays the Base-n Menu, for the following calculations.
- Base-n conversions • Base-n calculations
- Logical operations • Negative values
- Complementary numbers

⑥ Statistics
[SHIFT] [F6] displays the Statistics Menu, which provides the following calculations.
- Single-variable statistics
- Paired-variable statistics

Big RAM Capacity — 4,006 Steps
fx-7500G

16 characters by 8 lines | 112 FUNCTIONS Incl. 85 SCIENTIFIC FUNCTIONS | DOT MATRIX

- Display: Text — 16 columns × 8 lines (128 characters). Graphics — 96 × 64 dots. • High utility variation of program steps and data memories.

4,006 steps 26 memories ↔ 6 steps 526 memories

- Graphic functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph, Instant factor). • Perfect entry system • Instant replay function • Regression analysis • Base conversions/ calculations, logical operations.
- 70 hours on three lithium batteries (CR2025).
- 14H × 126W × 74mmD — Folded.
  7H × 126W × 145mmD — Unfolded.
- 140 g.

Strong compact case, portable design!

NEW!
New Graphic Scientific Calculator with High-Contrast LCD!
fx-7000GA

16 characters by 8 lines | 112 FUNCTIONS Incl. 85 SCIENTIFIC FUNCTIONS | DOT MATRIX

- Display: Text — 16 columns × 8 lines (128 characters). Graphics — 96 × 64 dots.
- High utility variation of program steps and data memories.

422 steps 26 memories ↔ 6 steps 78 memories

- Graphic functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph, Instant factor).
- Perfect entry system
- Instant replay function
- Regression analysis
- Base conversions/calculations, logical operations.
- 100 hours on three lithium batteries (CR2032).
- 14H × 83.5W × 167mmD, 152 g.

■ **STN Liquid Crystal Display**
The STN (super twisted nematic) liquid crystal increases the twist of the conventional TN (twisted nematic) liquid crystal from 90° to a full 270°. This dramatically increases the rate at which light emitted from the display is cut off, for higher contrast and a wider viewing angle.

① Matrix Operations

```
MATRIX
A B + - × OP
```

② Equations

```
EQUATION
x² AX=b
```

③ Integrations

```
INTEGRATION
∫ OUT a b √dx
```

④ Complex Number Calculations

```
COMPLEX
i R↔P Z‹ Re( Im(
```

⑤ Base-n Calculations

```
BASE-n
D H B O d⌐o L
```

⑥ Statistics

```
STATISTICS
SD          LR
```

■ Operation Example

Example) To solve the following 3-unknown simultaneous equations.

$$2x_1 + 3x_2 - x_3 = 15$$
$$3x_1 - 2x_2 + 2x_3 = 4$$
$$5x_1 + 3x_2 - 4x_3 = 9$$

[SHIFT] [EQN]
```
EQUATION
x² AX=b
```
Equation Menu

[SHIFT] [CLEAR] [F6] [YES]
```
x² AX=b
```
Clears equation memory

[F2]
```
AX=b n=2
n  Ab        X
```
Selects simultaneous equation

3 [F1]
```
AX=b n=3
n  Ab        X
```
Specifies dimension

2 [F1] `11 ‹12 13 b1  2.`
Inputs factor (1, 1) of equation 1

3 [F2] `11 12‹13 b1  3.`
Inputs factor (1, 2) of equation 1

(-) 1 [F3] `11 12 13‹b1  -1.`
Inputs factor (1, 3) of equation 1

15 [F4] `11 12 13 b1‹  15.`
Inputs factor b of equation 1

`11‹12 13 b1  0.`
Specifies factor input

→ [F3] (-) 2 [F2] `3 ...`
→ [F3] 2 [F1] `...`
[F2] (-) 4 [F3] 9 [F4]
Inputs factors of equations 2 and 3

[PRE] [F5] `11 4‹x2 x3  2.`

→ 1 [F3] `-1.`

→ `x1 x2 4‹x3  4.`

→ `x1 x2 x3‹  9.`
Executes simultaneous equations and displays result x1.

`x1‹x2 x3  2.`
Displays x2

`x1 x2‹x3`
Displays x3

The above results indicate the following results for the 3 unknowns:
x1 = 2
x2 = 5
x3 = 4

Expanded Memory Capacity, Powerful Graphic Functions, Plus Control over External Output Devices

## 11,555 Steps of Memory Capacity for Unlimited Calculation Potential

fx-8500G

16 characters by 8 lines | 119 FUNCTIONS Incl. 85 SCIENTIFIC FUNCTIONS | DOT MATRIX

- Display: Text — 16 columns × 8 lines (128 characters). Graphics — 96 × 64 dots.
- High utility variation of program steps and data memories.

6,566 steps 26 memories ↔ 6 steps 848 memories

- Graphic functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph, Instant factor). • File editor function (4,989 steps) • Print function (graphs, programs, memories, files, graph ranges, calculation results, etc.) • Data recorder function (SAVE, LOAD, VERIFY) • Perfect entry system • Instant replay function • Regression analysis • Base conversions/calculations, logical operations.
- 100 hours on three lithium batteries (CR2032).
- 17.6H × 84W × 180mmD, 190 g. *Comes with pouch.

"Graph Application Book" available in English, Spanish and Korean.
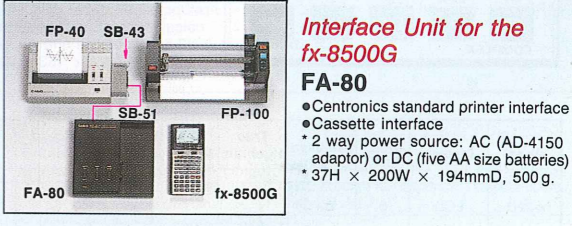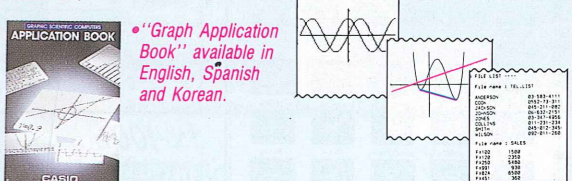
### Interface Unit for the fx-8500G
FA-80

- Centronics standard printer interface
- Cassette interface
- 2 way power source: AC (AD-4150 adaptor) or DC (five AA size batteries)
- 37H × 200W × 194mmD, 500 g.

Model	Display	Display capacity	Mantissa + EXP	No. of program steps	No. of memories	No. of programs storable	Program checking and editing	No. of functions (No. of scientific functions)	Basic functions**	Regression analysis/SD	HYP	Base-n calculation	Others
fx-5500L	LCD*	Upper line — 16 Lower line — 16	10 + 2	1,095 (steps)	26		○	123 (119)	○	○	○	○	Built in 6-function Scientific Library, Perfect entry system, Engineering symbol calculations, Replay function.

Model	Display	Display capacity	Mantissa + EXP	No. of program steps	No. of memories	No. of programs storable	Program checking and editing	No. of functions (No. of scientific functions)	Basic functions**	Regression analysis/SD	HYP	Base-n calculation	Others
OH-7000G	Transparent LCD*	16 × 8	10 + 2	422 — 6	78 — 26	10	○	112 (85)	○	○	○	○	Overhead projection unit, Graphic functions, Perfect entry system, Replay function.
fx-7500G	LCD*	16 × 8	10 + 2	4,006 — 6	526 — 26	10	○	112 (85)	○	○	○	○	Graphic functions, Perfect entry system, Replay function.
fx-7000GA	LCD*	16 × 8	10 + 2	422 — 6	78 — 26	10	○	112 (85)	○	○	○	○	Graphic functions, Perfect entry system, Replay function, High contrast LCD.
fx-8500G	LCD*	16 × 8	10 + 2	6,566 — 6	846 — 26	10	○	119 (85)	○	○	○	○	Graphic functions, File editor functions, Cassette recorder function, Print function, Perfect entry system, Replay function.

Built-in Fraction Functions for Students
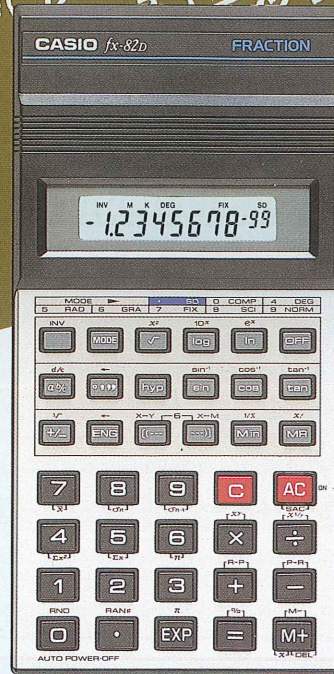
Fraction functions for students

$$2\frac{4}{5} + \frac{3}{4} = 3\frac{11}{20}$$

2 a$\frac{b}{c}$ 4 a$\frac{b}{c}$ 5 + 3 a$\frac{b}{c}$ 4 =

fx-82D

54 SCIENTIFIC FUNCTIONS 8+2 DIGITS

*9,000 hours on two AA size batteries (UM-3) (11,000 hours on type R6P (SUM-3)).
*21.5H × 76W × 153mmD, 121 g.

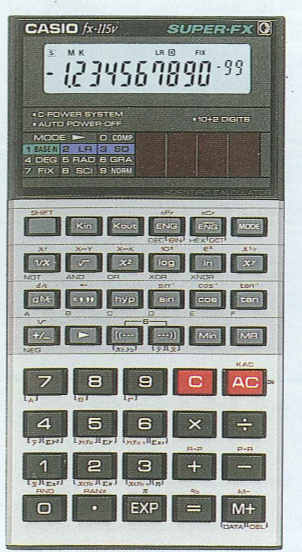*Compact hardcase available*

Calculates 2.5 Times Faster than Previous Models.
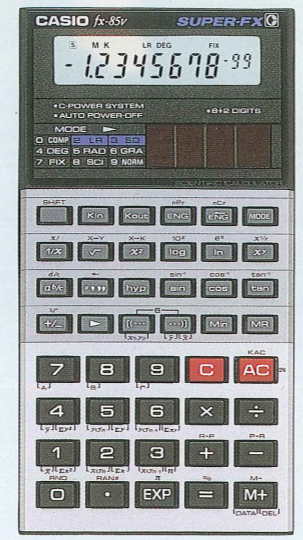
69 SCIENTIFIC FUNCTIONS 8+2 DIGITS C-POWER HI-SPEED SUPER-FX

fx-85V

Protects memory no matter what the light conditions.
●Regression analysis ●7 memories
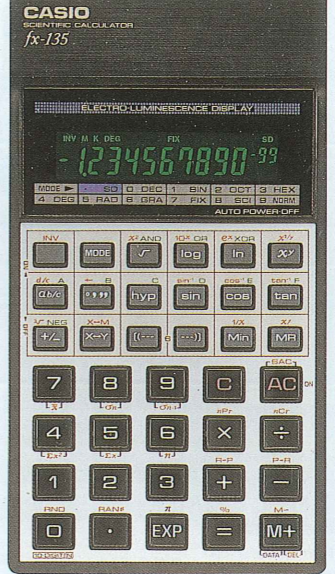*17.5H × 73W × 140mmD, 64 g.

Calculates 2.5 Times Faster than Previous Models.

90 SCIENTIFIC FUNCTIONS 10+2 DIGITS C-POWER HI-SPEED SUPER-FX

fx-115V

Protects memory no matter what the light conditions.
●Base conversions/calculations
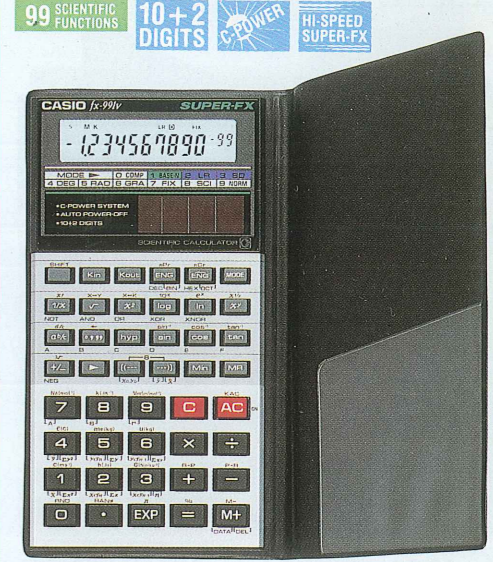●Logical operations ●Regression analysis
●7 memories
*17.5H × 73W × 140mmD, 64 g.

New Green Display for a Totally New Type of Scientific Calculator
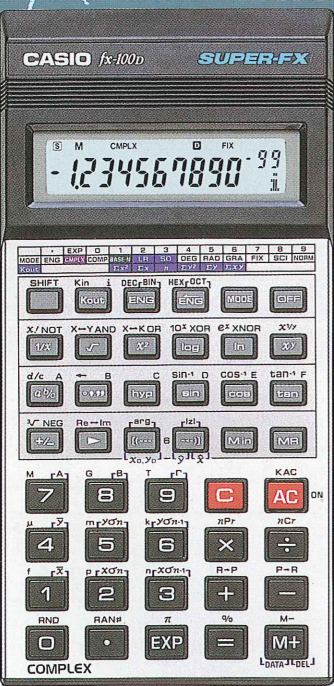
72 SCIENTIFIC FUNCTIONS 10+2 DIGITS C-POWER

fx-135

●Base conversions/calculations ●Logical operations
*2-way power source: AC (AD-2S adaptor) or two AA size batteries
*25.2H × 85W × 155mmD, 124 g.

Calculates 2.5 Times Faster than Previous Models.

99 SCIENTIFIC FUNCTIONS 10+2 DIGITS C-POWER HI-SPEED SUPER-FX

fx-991V

Protects memory no matter what the light conditions.
●Base conversions/calculations ●Logical operations
●9 physical constants ●Regression analysis ●7 memories
*8.5H × 73W × 140mmD, 59 g.

New Display Format with Value Type Indicator

NEW!

Complex Number Calculations

$$9 - (3 + 4i) \times i = 13 - 3i$$

9 − (3 + 4 i) × i =

13. Real part

Re−Im

− 3.i Imaginary part

fx-100D

101 SCIENTIFIC FUNCTIONS 10+2 DIGITS HI-SPEED SUPER-FX Value Type Indicator

●Complex number calculations ●Engineering symbol calculations ●Base conversions/calculations ●Logical operations ●Regression analysis ●7 memories
*17,500 hours on one AA size battery (UM-3 or R6P (SUM-3)).
*22.5H × 76W × 153mmD, 100 g.

COMPLEX

Calculates 2.5 Times Faster than Previous Models.

90 SCIENTIFIC FUNCTIONS 10+2 DIGITS HI-SPEED SUPER-FX

fx-100V

Compact hardcase available
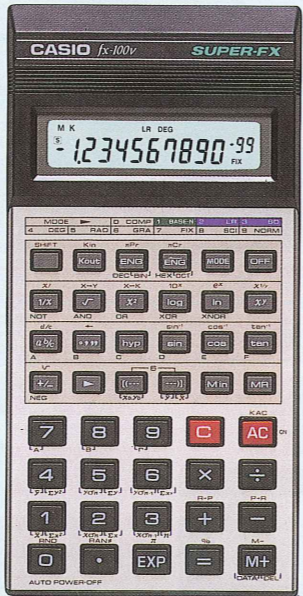
●Base conversions/calculations ●Logical operations
●Regression analysis ●7 memories
*17,500 hours on one AA size battery (UM-3 or R6P (SUM-3)).
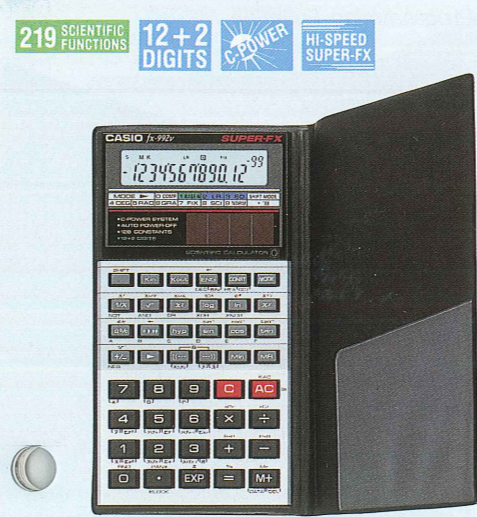*22.5H × 76W × 153mmD, 100 g.

High Speed, High Precision Calculations at a Touch

219 SCIENTIFIC FUNCTIONS 12+2 DIGITS C-POWER HI-SPEED SUPER-FX

fx-992V

Protects memory no matter what the light conditions.
●128 scientific constants ●Base conversions/calculations
●Logical operations ●Regression analysis ●7 memories
*8.5H × 73W × 140mmD, 59 g.

Base Conversions/Calculations, Logical Operations, 13 Physical Constants and 16 Metric Conversion Functions
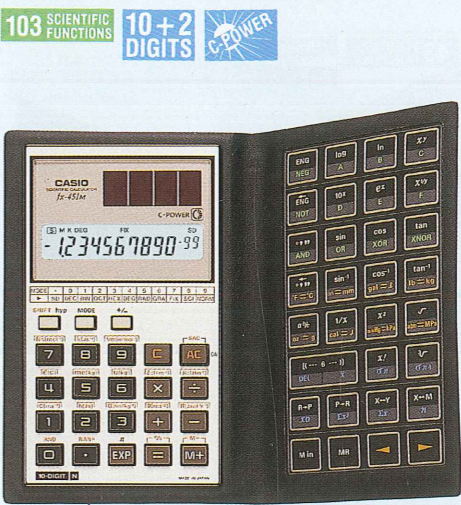
103 SCIENTIFIC FUNCTIONS 10+2 DIGITS C-POWER

fx-451M

Magic Touch Leaf Keys

Protects memory no matter what the light conditions.
●Base conversions/calculations ●Logical operations
●13 physical constants ●16 conversion functions (8 metric, 8 reversible) ●True algebraic logic operation ●Standard deviations
●18 levels of parentheses
*10.9H × 78.5W × 125mmD — Folded.
7.6H × 162W × 125mmD — Unfolded.
*79.5 g.

Built-in Fraction Functions for Students

54 SCIENTIFIC FUNCTIONS 8+2 DIGITS
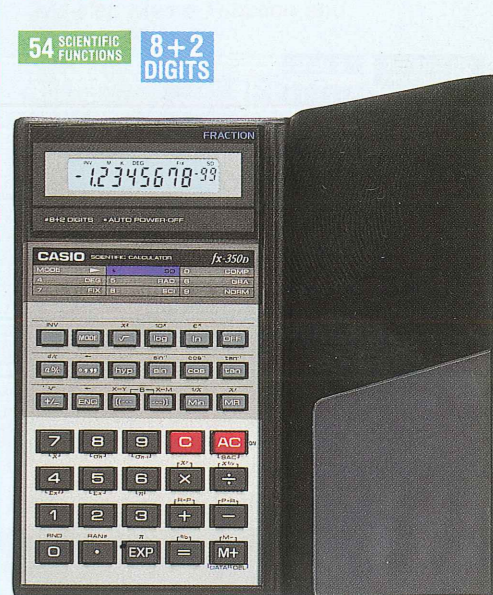
fx-350D

*750 hours on two LR44 batteries (1,820 hours on type SR44 (G-13).
*10H × 73W × 140mmD, 63 g.

Model	Display	Digits	Mantissa + EXP	True algebraic logic	Memory	Auto power-off	No. of scientific functions	*Basic functions	Standard devia-tions	HYP/ ARC	X↔Y/ X↔M	[( )]	%	R↔P	ENG	Others
fx-82D	LCD	8	8+2	○	1	○	54	○	○	○	X↔Y/ X↔K	○	18	○	○	$\sqrt{}$, a$\frac{b}{c}$ (fraction), d/c, FIX, SCI, RND, RAN #, Memory retention, Norm 2.
fx-85V	LCD	8	8+2	○	7	○	69	○	○	○	X↔Y/ X↔K	○	18	○	○	High Speed Calculations, $\sqrt{}$, a$\frac{b}{c}$, d/c, FIX, SCI, RND, RAN #, Regression analysis, nPr, nCr, Memory retention, Norm 2.
fx-100D	LCD	10	10+2	○	7	○	101	○	○	○	X↔Y/ X↔K	○	18	○	○	High Speed Calculations, Value type indicator, Complex number calculations, Engineering symbol calculations, $\sqrt{}$, a$\frac{b}{c}$, d/c, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, Regression analysis, nPr, nCr.
fx-100V	LCD	10	10+2	○	7	○	90	○	○	○	X↔Y/ X↔K	○	18	○	○	High Speed Calculations, $\sqrt{}$, a$\frac{b}{c}$, d/c, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, Regression analysis, nPr, nCr, Memory retention, Norm 2.

* Basic functions .... Trig./ARC, DEG/RAD/GRA, log, 10^x, ln, e^x, x^y, $x^{1/y}$, $\sqrt{}$, x^2, $1/x$, x!, $(10 \leftrightarrow 60)°$, +/−, π, EXP
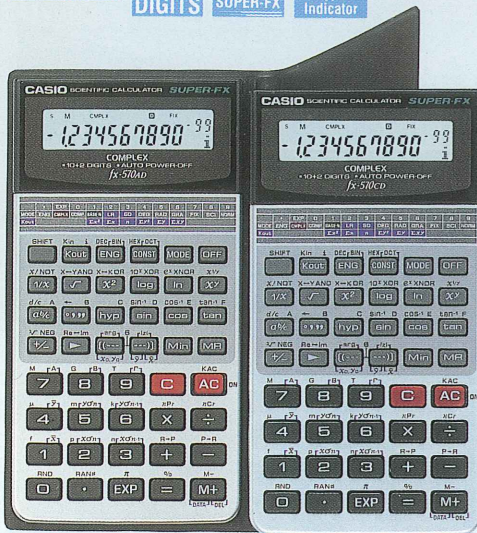

Model	Display	Digits	Mantissa + EXP	True algebraic logic	Memory	Auto power-off	No. of scientific functions	*Basic functions	Standard devia-tions	HYP/ ARC	X↔Y/ X↔M	[( )]	%	R↔P	ENG	Others
fx-115V	LCD	10	10+2	○	7	○	90	○	○	○	X↔Y/ X↔K	○	18	○	○	$\sqrt{}$, a$\frac{b}{c}$, d/c, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, Regression analysis, nPr, nCr, Memory retention.
fx-135	Illuminative LCD	10	10+2	○	1	○	72	○	○	○	X↔Y/ X↔K	○	18	○	○	$\sqrt{}$, a$\frac{b}{c}$, d/c, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, Regression analysis, nPr, nCr, Memory retention.
fx-991V	LCD	10	10+2	○	7	○	99	○	○	○	X↔Y/ X↔K	○	18	○	○	$\sqrt{}$, a$\frac{b}{c}$, d/c, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 9 physical constants, Regression analysis, nPr, nCr, Memory retention.
fx-992V	LCD	12	12+2	○	7	○	219	○	○	○	X↔Y/ X↔K	○	18	○	○	High Speed Calculations, $\sqrt{}$, a$\frac{b}{c}$, d/c, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, nPr, nCr, Memory retention, 128 scientific constants.
fx-451M	LCD	10	10+2	○	1	○	103	○	○	○	X↔Y/ X↔K	○	18	○	○	$\sqrt{}$, a$\frac{b}{c}$, FIX, SCI, RND, RAN #, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 13 physical constants, 16 metric conversions.
fx-350D	LCD	8	8+2	○	1	○	54	○	○	○	X↔Y/ X↔K	○	18	○	○	$\sqrt{}$, a$\frac{b}{c}$, d/c, FIX, SCI, RND, RAN #, Memory retention, Norm 2.

* Basic functions .... Trig./ARC, DEG/RAD/GRA, log, 10^x, ln, e^x, x^y, $x^{1/y}$, $\sqrt{}$, x^2, $1/x$, x!, $(10 \leftrightarrow 60)°$, +/−, π, EXP

Casio Scientific Calculators

fx-570AD (With rubber keys) / fx-570CD (With plastic keys)
NEW! New Display Format with Value Type Indicator
133 SCIENTIFIC FUNCTIONS | 10+2 DIGITS | HI-SPEED SUPER-FX | Value Type Indicator

- ●Complex number calculations ●Engineering symbol calculations ●Base conversions/calculations ●Logical operations ●32 physical constants ●Regression analysis ●7 memories
- * 1,000 hours on one LR54 (LR1130) battery (4,600 hours on type SR54 (SR1130)).
- * 8H × 73W × 140mmD, 58g.
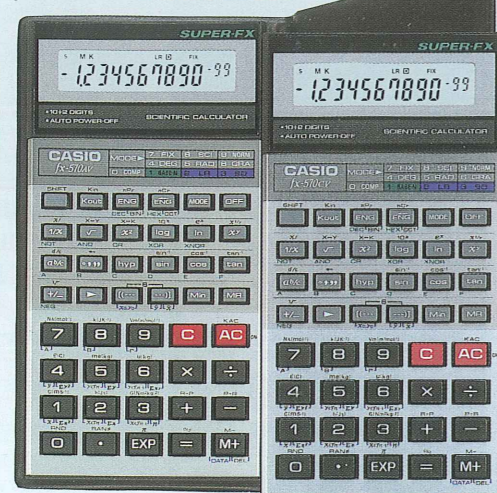
fx-570AV (With rubber keys) / fx-570CV (With plastic keys)
Calculates 2.5 Times Faster than Previous Models.
99 SCIENTIFIC FUNCTIONS | 10+2 DIGITS | HI-SPEED SUPER-FX

- ●9 physical constants ●Regression analysis ●7 memories
- * fx-570AV — 1,000 hours on one LR54 (LR1130) battery (4,700 hours on type SR54 (SR1130)). fx-570CV — 2,700 hours on one LR44 battery (10,000 hours on type SR44 (G-13)).
- * 10H × 73W × 140mmD
- * fx-570AV 62g/fx-570CV 66g.

fx-580
116 Ways to Handle Hi-tech! Complex Number Calculations on a Dot Matrix Display
116 FUNCTIONS | 12 DIGITS incl 10+2 DIGITS | DOT MATRIX
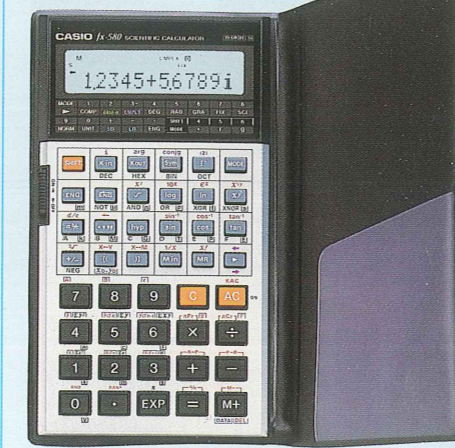
- ●Dot matrix display ●Complex number calculations (arithmetic operations, arguments, conjugate complex numbers, absolute values) ●Unit symbol calculations (7 types of symbols) ●Engineering symbol calculations (12 types of symbols) ●Base conversions/calculations ●Logical operations ●Regression analysis ●7 memories ●Auto power-off function with memory retention
- * 350 hours on two lithium batteries (CR2032).
- * 9.2H × 72W × 131mmD, 88g.

fx-3600P
Simple Programmability & Integrals
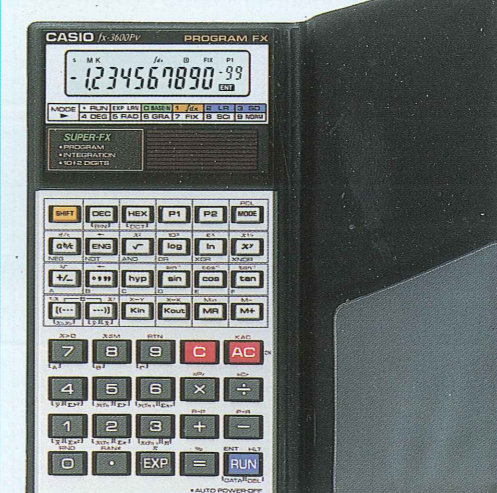68 FUNCTIONS incl 63 SCIENTIFIC FUNCTIONS | 10+2 DIGITS

- ●Simple programming (38 steps) ●Integrals ●Regression analysis ●7 memories ●Auto power-off function with program and memory retention
- * 1,300 hours on one lithium battery (CR2025).
- * 8.7H × 71.5W × 134mmD, 64g.

fx-3600Pv
Calculates 2.5 Times Faster than Previous Models.
94 FUNCTIONS incl 90 SCIENTIFIC FUNCTIONS | 10+2 DIGITS | V-POWER | HI-SPEED SUPER-FX

Protects memory no matter what the light conditions.
- ●Simple programming (38 steps) ●Integrals ●Base conversions/calculations ●Logical operations ●Regression analysis ●7 memories
- * 1,300 hours on one lithium battery (CR2025).
- * 9.9H × 73W × 140mmD, 60g.

fx-3800P
135 Program Steps & 79 Scientific Functions
83 FUNCTIONS incl 79 SCIENTIFIC FUNCTIONS | 10+2 DIGITS

- ●Simple programming (135 steps) ●Regression analysis ●7 memories and independent program areas ●Base conversions/calculations ●Auto power-off function with program and memory retention
- * 1,300 hours on one lithium battery (CR2025).
- * 9H × 72W × 129mmD, 75g.

CARD TYPE

fx-68
38 SCIENTIFIC FUNCTIONS | 8 DIGITS or 6+2 DIGITS
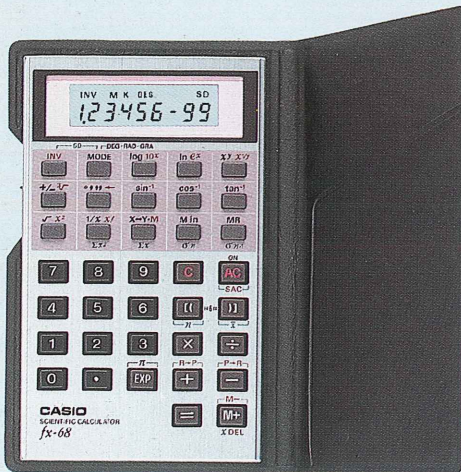
- ●Auto power-off function
- * 100 hours on two LR1130 batteries (500 hours on type SR1130 (G-10)).
- * 4.7H × 54W × 91mmD, 44g.
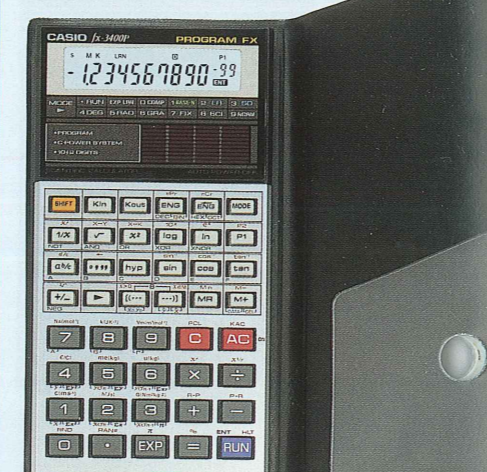
fx-78
43 SCIENTIFIC FUNCTIONS | 10 DIGITS or 8+2 DIGITS

- ●Auto power-off function with memory retention
- * 230 hours on two LR1130 batteries (1,000 hours on type SR1130 (G-10)).
- * 4.7H × 54W × 91mmD, 42g.

fx-3400P
PROGRAMMABLE
Powerful 98 Scientific Functions Plus Programming Function
101 FUNCTIONS incl 98 SCIENTIFIC FUNCTIONS | 10+2 DIGITS | C-POWER

Protects memory no matter what the light conditions.
- ●Simple programming (29 steps) ●Base conversions/calculations ●Logical operations ●9 physical constants ●Regression analysis ●7 memories
- * 8.5H × 73W × 140mmD, 59g.

fx-4000P
As many as 86 Scientific Functions, 550 (max.) Program Steps, 94 (max.) Memories
102 FUNCTIONS incl 86 SCIENTIFIC FUNCTIONS | 12 character display | DOT MATRIX
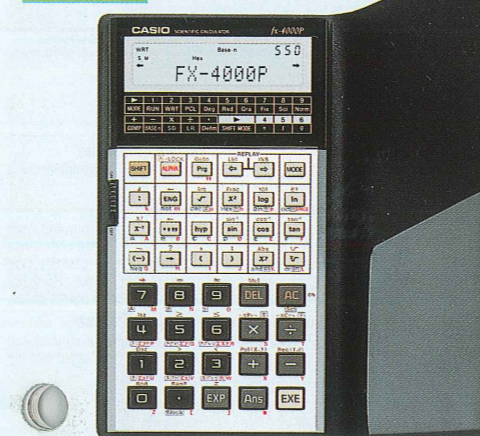
- ●Alphabetic dot matrix display ●High utility variation of program steps and data memories.
- 550 steps 26 memories ↔ 6 steps 94 memories
- ●Jump commands for programming ●10 independent program areas ●Perfect entry system ●Check-back replay function ●Regression analysis ●Base conversions/calculations ●Logical operations
- * 450 hours on two lithium batteries (CR2032).
- * 9.5H × 71.5W × 132.5mmD, 81g.

fx-4100P
12-digit Dot Matrix Display and Formula Memory
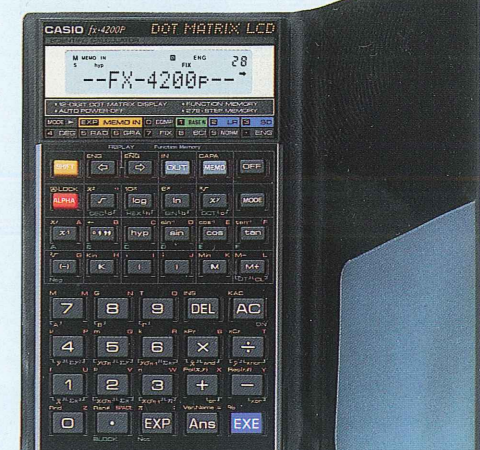102 FUNCTIONS incl 92 SCIENTIFIC FUNCTIONS | 12 character display | DOT MATRIX
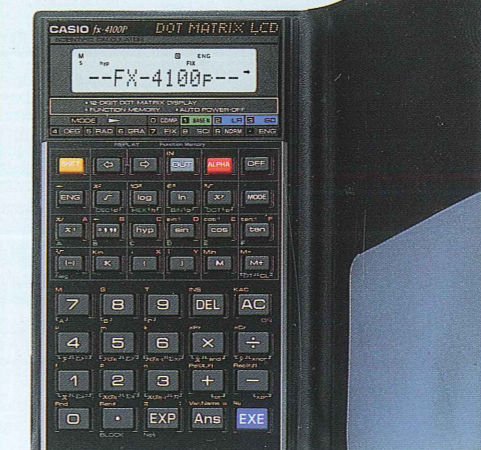
- ●Alphabetic dot matrix display ●Perfect entry system ●Formula memory ●Base conversions/calculations ●Logical operations ●Regression analysis ●Check-back replay function
- * 5,500 hours on one lithium battery (CR2032)
- * 9H × 73W × 129mmD, 71g.

fx-4200P
12-digit Dot Matrix Display, 279-step Memo Function and Formula Memory
104 FUNCTIONS incl 92 SCIENTIFIC FUNCTIONS | 12 character display | DOT MATRIX

- ●Alphabetic dot matrix display ●Perfect entry system ●Memo function (279 steps) ●Formula memory (63 steps) ●Base conversions/calculations ●Logical operations ●Regression analysis ●Check-back replay function
- * 5,500 hours on one lithium battery (CR2032)
- * 9H × 73W × 129mmD, 71g.

Specifications (page 21)

Model	Display	Digits	Mantissa + EXP	True algebraic logic	Memory	Auto power-off	No. of scientific functions	Basic functions**	Standard deviations	HYP/ARC	$X{\leftrightarrow}Y$/$X{\leftrightarrow}M$ $X{\leftrightarrow}Y$/$X{\leftrightarrow}K$	[( ]	%	$R{\leftrightarrow}P$	ENG	Others
fx-570AD	LCD	10	10+2	○	7	○	133	○	○	○	$X{\leftrightarrow}Y$/$X{\leftrightarrow}K$	18	○	○	○	Value type indicator, High speed Calculations, Complex number calculations, Engineering symbol calculations, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, Regression analysis, nPr, nCr, Memory retention.
fx-570CD	LCD	10	10+2	○	7	○	133	○	○	○	$X{\leftrightarrow}Y$/$X{\leftrightarrow}K$	18	○	○	○	Value type indicator, High speed Calculations, Complex number calculations, Engineering symbol calculations, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, Regression analysis, nPr, nCr, Memory retention.
fx-570AV	LCD	10	10+2	○	7	○	99	○	○	○	$X{\leftrightarrow}Y$/$X{\leftrightarrow}K$	18	○	○	○	High Speed Calculations, $\sqrt[3]{}$, a^b/c, d/c, FIX, SCI, RND, RAN#, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 9 physical constants, Regression analysis, nPr, nCr, Memory retention.
fx-570CV	LCD	10	10+2	○	7	○	99	○	○	○	$X{\leftrightarrow}Y$/$X{\leftrightarrow}K$	18	○	○	○	High Speed Calculations, $\sqrt[3]{}$, a^b/c, d/c, FIX, SCI, RND, RAN#, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, 9 physical constants, Regression analysis, nPr, nCr, Norm 2.
fx-580	LCD*	12	10+2	○	7	○	116	○	○	○	$X{\leftrightarrow}Y$/$X{\leftrightarrow}K$	18	○	○	○	$\sqrt[3]{}$, a^b/c, d/c, FIX, SCI, RND, RAN#, Complex number calculations, Engineering symbol calculations, Unit symbol calculations, Base conversions/calculations (binary, octal, hexadecimal), Logical operations, Regression analysis, Gamma function, nPr, nCr, Memory retention.
fx-68	LCD	8	6+2	○	1	○	38	○	○	○		6				$\sqrt[3]{}$.
fx-78	LCD	10	8+2	○	1	○	43	○	○	○		6				$\sqrt[3]{}$, FIX, SCI, RND, RAN#, Memory retention.

* Dot matrix display ** Basic functions .... Trig./ARC, DEG/RAD/GRA, log, 10^x, ln, e^x, x^2, $x^{1/y}$, $\sqrt{}$, x^2, $1/x$, $x!$, (10 ↔ 60), +/−, π, EXP

Specifications (page 22)

Model	Display	Display capacity	Mantissa + EXP	No. of program steps	No. of memories	No. of programs storable	Program checking and editing	No. of functions (No. of scientific functions)	Basic functions**	Regression analysis/SD	HYP	nCr nPr	%	a^b/c	Base-n calculation	Others
fx-3400P	LCD	10	10+2	29	7	2		101 (98)	○	○	○	○	○	○	○	Memory and program retention, 9 physical constants.
fx-3600P	LCD	10	10+2	38	7	2		68 (63)	○(except $\sqrt[3]{}$)	○	○	○	○	○		Memory and program retention, Integrals.
fx-3600PV	LCD	10	10+2	38	7	2		94 (90)	○	○	○	○	○	○		Memory and program retention, Integrals.
fx-3800P	LCD	10	10+2	135	7	4		83 (79)	○	○	○	○	○	○		Memory and program retention.
fx-4000P	LCD*	12	10+2	550—6	94—26	10	○	102 (86)	○	○	○	○	○	○	○	Perfect entry system, Replay function.
fx-4100P	LCD*	12	10+2	63 (steps)	Independent—1 Constant—6 Variable—8	—		102 (92)	○	○	○	○	○	○	○	Perfect entry system, Replay function.
fx-4200P	LCD*	12	10+2	63 (steps) 279 (steps)	Independent—1 Constant—6 Variable—8	—		104 (92)	○	○	○	○	○	○	○	Perfect entry system, Replay function.

* Dot matrix display ** Basic functions .... Trig./ARC, DEG/RAD/GRA, log, 10^x, ln, e^x, x^y, $x^{1/y}$, $\sqrt{}$, x^2, $1/x$, $x!$, (10 ↔ 60), +/−, π, EXP, $R{\leftrightarrow}P$, ENG, FIX, SCI, RND, RAN#

2-tier Display Configuration

2-tier display shows formulas and results simultaneously.

Formulas appear on the dot matrix just as they are written, while the lower display is used for calculation results.

Fraction and Integral Calculations Displayed as Written

$$\frac{2}{3}+\frac{5}{8}$$
2·3+5·8
1.291666667

$$\int_1^9(2X^2+3X+8)\,dx$$
150.6666667

Programming Functions

● Large memory capacity
The 1,103-step memory of fx-4500P provides more room for programs.

● Program file storage
The file system of the fx-4500P lets you store multiple programs under their own filenames. Then when you want a specific program, simply enter its filename to recall it. Each file can contain up to 127 steps.

● Easy programming
Program is easy, because you can enter formulas as they are written.
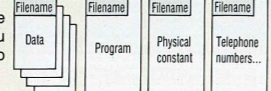
■ Formula memory
Any formula you use regularly can be stored with a tap of the key, then you simply enter variable values. It takes away the tedium of repeat computations such as required for proportional calculations.

■ Replay function
The Replay function lets you recall a formula after it is executed. This means that you can check for mistakes, or even make minor changes to execute it again. If the calculator finds an error, it immediately displays it for correction.

Scientific Calculating Unlimited
Wallet Type fx-4500P

124 FUNCTIONS Incl. 97 SCIENTIFIC FUNCTIONS · 2-LINE BIG DISPLAY · DOT MATRIX

- 2-tier display shows formulas and results simultaneously.
- High utility variation of program steps and data memories.
- Program file system for storing multiple programs. ● Perfect entry system ● Instant replay function ● Integrals ● Regression analysis ● Base conversions/calculations ● Logical operations
- 3,000 hours on one lithium battery (CR2025).

1,103 steps 26 memories ⟷ 7 steps 163 memories

72 Useful Scientific Functions Plus BASIC Programming Capabilities

72 SCIENTIFIC FUNCTIONS · 12 character display · DOT MATRIX · BASIC LANGUAGE

fx-5200P
● RAM capacity — Standard 1K bytes (2K bytes with OR-1 Ⓔ RAM pack).
● Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters).
● 10 independent program areas ● Regression analysis
● 9 physical constants
● 145 hours on two lithium batteries (CR2032).
● 13H × 87W × 139.5mmD — Folded.
10.4H × 180.5W × 139.5mmD — Unfolded.
● 146 g. *Comes with "Easy Guide to Programming".

Magic Touch Leaf Keys

CASIO CHANGES SCIENTIFIC CALCULATION

Mathematics, physics, electronics, statistics. 128 powerful scientific formulas built in. Also add your own formulas in a handy Formula Memory.
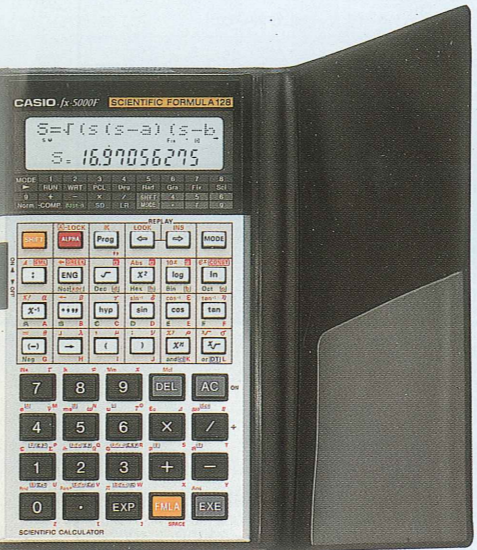
128 of the most often applicable scientific formulas are built in. Simply enter the number of the desired formula to display it on the screen. A 2-line screen lets the recalled formula remain while prompts guide the operator through required variable input. Never has operation of a sophisticated scientific calculator been simpler.

$$S=\sqrt{s(s-a)\,(s-b)}$$

fx-5000F

105 FUNCTIONS Incl. 95 SCIENTIFIC FUNCTIONS · 2-LINE DISPLAY · DOT MATRIX

- 128 built-in formulas for mathematics, physics, electricity, mechanics and statistical applications.
- Formula memory keeps up to 12 user generated formulas for repeat calculations (max. 675 steps).
- Large, 2-line display for at-a-glance readouts of formulas.
- Perfect entry system
- Check-back replay function
- Regression analysis
- Base conversions/calculations, logical operations
- 13 physical constants
- 790 hours on two lithium batteries (CR2032).
- 9.2H × 72W × 131mmD, 93g.
- Comes with wallet-type case.

■ Built-in 128 formula list

MATHEMATICS
1 Quadratic equation solution
2 Simultaneous linear equation with two unknowns
3 Simultaneous linear equation with three unknowns
4 Cosine theorem
5 Heron's formula
6 Sine theorem (1)
7 Sine theorem (1)
8 Sine theorem (2)
9 Rectangular→polar coordinate conversion
10 Polar→rectangular coordinate conversion
11 Angle formed by vector
12 Distance between two points
13 Distance between point and straight line
14 Angle of intersect for two straight lines
15 Area of a triangle
16 Area of a rectangle
17 Area of a sector (1)
18 Area of a sector (2)
19 Sum of cubes
20 Inner product
21 Permutation
22 Combination
23 Repeated permutation
24 Repeated combination
25 Sum of arithmetic progression
26 Sum of geometric progression
27 Sum of squares
28 Area of a triangle
29 Area of a rectangle
30 Area of a circle
31 Area of a sector (1)
32 Area of a sector (2)
33 Area of an ellipse
34 Volume of a sphere
35 Surface area of a sphere
36 Volume of a circular cylinder
37 Lateral area of a circular cylinder
38 Volume of a pyramid
39 Volume of a circular cone
40 Lateral area of a circular cone

PHYSICS
41 Acceleration
42 Distance of advance
43 Distance of drop
44 Law of universal gravitation
45 Cycle of circular motion (1)
46 Cycle of circular motion (1)
47 Cycle of circular motion (2)
48 Simple harmonic motion (1)
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50 Cycle of spring pendulum
51 Simple pendulum (1)
52 Simple pendulum (2)
53 Cycle of simple pendulum
54 Centrifugal force (1)
55 Centrifugal force (2)
56 Potential energy
57 Kinetic energy
58 Elastic energy
59 Energy of rotational body
60 Sound intensity
61 Velocity of wave transmitted by a chord
62 Doppler effect
63 Relative index of incidence
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66 Equation of state of ideal gas (2)
67 Equation of state of ideal gas (3)
68 Equation of state of ideal gas (4)
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71 Magnetic force
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73 Frequency of electric oscillation
74 Average gaseous molecular speed
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104 Probability function of Poisson's distribution
105 Probability function of geometric distribution
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108 Probability function of uniform distribution
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80 Energy stored in electrostatic capacity (2)
81 Energy stored in electrostatic capacity (3)
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84 Electrostatic capacity between parallel plates
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86 Impedance in RC series circuit
87 Composite reactance in LC series circuit
88 Impedance in LRC series circuit
89 Impedance in LRC parallel circuit

90 Series resonance circuit
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94 Joule's law (1)
95 Induced electromotive force
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114 Shearing stress (2)
115 Enthalpy
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117 Efficiency of Carnot's cycle (2)
118 Bernoulli's theorem (1)
119 Bernoulli's theorem (2)
120 Bernoulli's theorem (3)
121 Equation of continuity (1)
122 Equation of continuity (1)
123 Module (1)
124 Module (1)
125 Module (2)
126 Module (4)
127 Reynold's number
128 Calculations using a stadia

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512 (max.) Program Steps, 88 (max.) Memories.

71 FUNCTIONS Incl. 52 SCIENTIFIC FUNCTIONS · 11 character display · DOT MATRIX

FX-602P
● Alphabetic dot matrix display.
● High utility variation of program steps and data memories.

512 steps 22 memories ⟷ 32 steps 88 memories

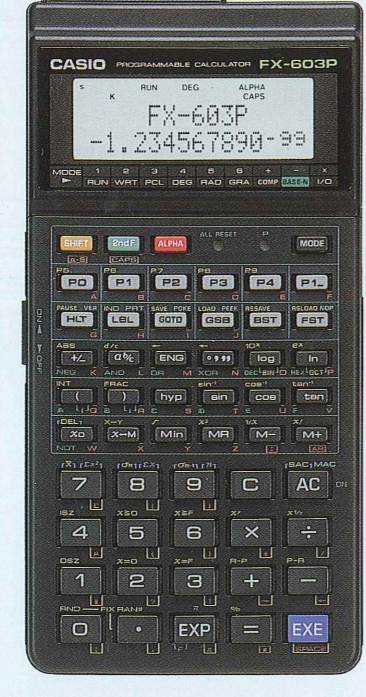- 10 independent program areas ● True algebraic logic operation
- Standard deviations
- 660 hours on two lithium batteries (CR2032).
- 9.6H × 71W × 141.2mmD, 100 g.
- Comes with "Program Library".

New Pocket Computer to Meet the Needs of the New Decade

2-tier Dot Matrix Display, More Memory Capacity, and Faster Computing Speed

Wallet Type FX-603P

99 FUNCTIONS Incl. 74 SCIENTIFIC FUNCTIONS · 2-LINE BIG DISPLAY · DOT MATRIX

● 2-tier dot matrix display ● 6,144 program steps ● 110 memories ● 20 independent program areas ● Base calculations/conversions ● Logical operations ● Standard deviations
*Power source: Main power source — two lithium batteries (CR2032). Memory protection — one lithium battery (CR2032).
*Battery life: Main power source — 370 hours.
*12.9H × 78W × 155.5mmD, 136 g.

■ 6,144-step (fixed) program area
12 times more than the memory capacity of the FX-602P makes it possible to store even long, complex programs. Memory can be divided among 20 program areas for simultaneous storage of multiple programs that can even be called as subroutines by other programs.

■ 110 (fixed) independent memories
Since the number of memories is fixed, there is no need to match the number of steps with the number of memories during programming. The large number of memories provides plenty of room for the storage of numeric data.

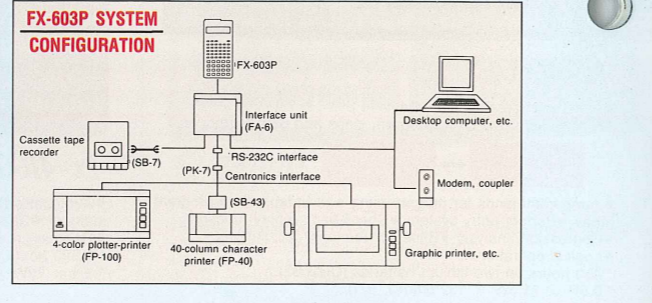**■ 16-digit × 2-line easy-to-read display**
A 2-line display makes it possible to simultaneously display text and values.

■ PEEK and POKE commands
These commands let you directly read from and write to specific memory address locations. These commands let you change the speed and pace for cassette tape recorder save/recall operations, make RS-232C parameter settings, and output Centronics printer codes.

■ Upwardly compatible with the FX-602P
Any FX-602P programs (except music programs) can be saved using a data recorder then loaded into the FX-603P.

FX-603P SYSTEM CONFIGURATION
FX-603P
Cassette tape recorder (SB-7)
Interface unit (FA-6)
RS-232C interface (PK-7)
Centronics interface (SB-43)
4-color plotter-printer (FP-100)
40-column character printer (FP-40)
Desktop computer, etc.
Modem, coupler
Graphic printer, etc.

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23 Scientific Formulas Built-in

10+2 DIGITS · SOLAR C.POWER

fx-50F — Wallet Type
101 FUNCTIONS Incl. 97 SCIENTIFIC FUNCTIONS

fx-10F — Handy Type
92 FUNCTIONS Incl. 88 SCIENTIFIC FUNCTIONS

Protects memory no matter what the light conditions.
● 23 built-in formulas for mathematics, physics, electricity, mechanics and statistical applications. ● Simple programming function keeps 2 user generated formulas for repeat calculations (max 29 steps). ● Large 10-digit display also has alphabetic prompt for formula use. ● Regression analysis/calculations, logical operations ● 9 physical constants. (fx-50F)
*8H × 73W × 140mmD, 68 g — fx-50F, 16H × 73W × 140mmD, 74 g — fx-10F.

Built-in Powerful Functions for Electrical and Electronic Applications

85 FUNCTIONS Incl. 80 SCIENTIFIC FUNCTIONS · 10+2 DIGITS · SOLAR C.POWER

fx-61F

■ Impedance calculations
The powerful impedance calculation keys of the fx-61F allow one-touch calculations of composite impedance for AC circuits (parallel/serial/mixed) that include resistors, coils, and condensers. This function also lets you calculate the absolute value and deviation angle of the calculated composite impedance.

$$f=f_0\,[Hz]$$

■ Key operation using a conventional scientific calculator

■ Key operation using fx-61F

Protects memory no matter what the light conditions.
● Impedance calculations (parallel/serial/mixed circuits) ● 27 built-in formulas for electricity and electronics ● Simple programming function (30 steps) ● Large 10-digit display also has alphabetic prompt for formula use. ● Standard deviation ● Base conversions/calculations
*8.5H × 73W × 140mmD, 68 g.

Model	Display	Display capacity	Mantissa + EXP	No. of program steps	No. of memories	No. of programs storable	Program checking and editing	No. of functions (No. of scientific functions)	Basic functions**	Regression analysis/SD	HYP	Physical constants	nCr/nPr	%	a b/c	Base-n calculation	Others
fx-4500P	LCD*	Upper—12 Lower—12	10+2	1,103	163—26	Limited to memory capacity	○	124 (97)	○	○	○		○	○	○	○	Perfect entry system, Integral, Replay function.
fx-5200P	LCD*	12	10+2	1 KB (expandable to 2KB)	222—26	10	○	72	○	○	○	9	○	○	○	○	Basic programming.
FX-602P	LCD*	11	10+2	32 (steps) 512 (steps)	88—26	10	○	71 (52)	○	SD			○	○	○	○	True algebraic logic.
FX-603P	LCD*	Upper—16 Lower—16	10+2	6,144	110	20	○	99 (74)	○	SD			○	○	○	○	True algebraic logic.

* Dot matrix display ** Basic functions .... Trig./ARC, DEG/RAD/GRA, log, 10^x, ln, e^x, x^y, $x\sqrt{\ }$, $\sqrt{\ }$, $\sqrt[3]{\ }$, x^2, $1/x$, $x!$, (°'″), $+/-$, π, EXP, R↔P, ENG, FIX, SCI, RND, RAN#

Model	Display	Display capacity	Mantissa + EXP	No. of program steps	No. of memories	No. of programs storable	Program checking and editing	No. of functions (No. of scientific functions)	Basic functions**	Regression analysis/SD	HYP	Physical constants	nCr/nPr	%	a b/c	Base-n calculation	Others
fx-5000F	LCD*	Upper—14 Lower—14	10+2	Program—16 Constant—10	675	12	○	105 (95)	○	○	○	13	○	○	○	○	Built-in 128 formulas, Perfect entry system, Replay function.
fx-10F	LCD	10	10+2	29	7	2		92 (88)	○	○	○		○	○	○	○	Built-in 23 formulas.
fx-50F	LCD	10	10+2	29	7	2		101 (97)	○	○	○	9	○	○	○	○	Built-in 23 formulas.
fx-61F	LCD	10	10+2	30	7	2		85 (80)	○ (except x!)	SD			○	○	○	○	Impedance calculations, Built-in 27 formulas.

* Dot matrix display ** Basic functions .... Trig./ARC, DEG/RAD/GRA, log, 10^x, ln, e^x, x^y, $x\sqrt{\ }$, $\sqrt{\ }$, $\sqrt[3]{\ }$, x^2, $1/x$, $x!$, (°'″), $+/-$, π, EXP, R↔P, ENG, FIX, SCI, RND, RAN#

The wide ranging selection of functions in CASIO scientific calculators provides a choice of models suited to virtually any specific application or preference.

FUNCTION	PURPOSE	MAJOR USERS	REMARKS	APPLICABLE MODELS
Built-in formulas	Applications of mathematics, electronics, physics, statistics, etc.	College students, engineers, mathematicians	23 types	fx-10F/fx-50F
			27 types	fx-61F
			128 types	fx-5000F
Impedance calculations	Analog circuit design	Electrical engineers	Parallel/serial/mixed circuits	fx-61F
Graphic display	Graphic representation/con-firmation of calculation results	Engineers, mathematicians, students	96 × 64 dots	fx-8500G/fx-7500G/fx-7000GA/OH-7000G
Graphic print	Print of graphic display	Engineers, mathematicians, students	Centronics standard printer	fx-8500G (FA-80 and connecting cable required)
Paired varia-ble statistics	Regression analysis, analysis of physical and chemical experimental data	College students, engineers	Linear regression, logarithmic regression, exponential regres-sion, power regression	fx-85V/fx-115V/fx-100D/fx-100V/fx-991V/fx-992V fx-570AD/fx-570CD/fx-570AV/fx-570CV/fx-580 fx-3400P/fx-3600P/fx-3600PV/fx-3800P fx-4000P/fx-4100P/fx-4200P/fx-4500P/fx-5200P fx-7000GA/fx-7500G/fx-8500G/OH-7000G fx-5000F/fx-10F/fx-50F/fx-5500L
Single varia-ble statistics	Standard deviation	Mathematicians, junior high/senior high/college students, engineers	n, $\bar{x}$, σn, $\sigma n-1$, Σx, Σx^2	All
Gamma function	Statistics	College students, engineers		fx-580
Base-n conversions/ calculations	Digital circuit design, address calculations	College students, program-mers, engineers	Binary, octal, decimal, hexadecimal	fx-115V/fx-100D/fx-100V/fx-135/fx-991V/fx-992V fx-451M/fx-570AD/fx-570CD/fx-570AV/fx-570CV fx-580/fx-3400P/fx-3600PV/fx-3800P/fx-4000P fx-4100P/fx-4200P/fx-4500P/FX-603P fx-7000GA/fx-7500G/fx-8500G/OH-7000G fx-5000F/fx-10F/fx-50F/fx-61F/fx-5500L
			Decimal, hexadecimal	fx-5200P
Logical operations	Digital circuit design, address calculations	College students, program-mers, engineers	AND, OR, NOT, etc.	fx-115V/fx-100D/fx-100V/fx-135/fx-991V/fx-992V fx-451M/fx-570AD/fx-570CD/fx-570AV/fx-570CV fx-580/fx-3400P/fx-3600PV/fx-4000P/fx-4100P fx-4200P/fx-4500P/FX-603P/fx-7000GA fx-7500G/fx-8500G/OH-7000G/fx-5000F/fx-10F fx-50F/fx-5500L
Program	Simple programming: Repeat calculations using scientific functions	College/senior high students, engineers	29 steps (2 areas)	fx-10F/fx-50F/fx-3400P
			30 steps (1 area)	fx-61F
			38 steps (2 areas)	fx-3600P/fx-3600PV
			135 steps (4 areas)	fx-3800P
			422 steps (10 areas), editing	fx-7000GA/OH-7000G
			512 steps (10 areas), editing	FX-602P
			550 steps (10 areas), editing	fx-4000P
			1103 steps (free areas), editing	fx-4500P
			4006 steps (10 areas), editing	fx-7500G
			6144 steps (20 areas), editing	FX-603P
			6566 steps (10 areas), editing	fx-8500G
	Formula memory		63 steps (1 area)	fx-4100P/fx-4200P
			127 steps (1 area)	fx-4500P
			675 steps (12 areas)	fx-5000F
			1095 steps (1 area)	fx-5500L
	BASIC programming	Senior high/college students, engineers	1~2KB (10 program areas)	fx-5200P
Integral calculus	Definite integral calculations	Senior high/college students	Definite integrals (Simpson's rule)	fx-3600P/fx-3600PV/fx-4500P/fx-5500L
Complex number calculations	Complex number calculations	Electrical engineers, college students	Arithmetic operations, arguments, conjugate complex numbers absolute values	fx-580/fx-100D/fx-570AD/fx-570CD/fx-5500L
Unit calculations	Unit calculations	Electrical engineers	V, A, s, W, F, C, Ω	fx-580
Engineering unit calcu-lations	R, L, C settings for circuit design	Engineers, college students	K (Kilo), M (Mega), G (Giga), T (Tera), P (Peta), E (Exa), m (Milli), μ (Micro), n (Nano), p (Pico), f (Femto), a (Atto)	fx-580/fx-100D/fx-570AD/fx-570CD fx-5500L (10 types)
			K (Kilo), M (Mega), G (Giga), T (Tera), m (Milli), μ (Micro), n (Nano), p (Pico), f (Femto)	fx-4100P/fx-4200P/fx-4500P
			K (Kilo), M (Mega), m (Milli), p (Pico), μ (Micro), n (Nano)	fx-61F
Fraction calculations	Value calculations	Junior high/senior high/ college students, engineers	Fraction	fx-10F/fx-50F/fx-82D/fx-85V/fx-115V/fx-100D fx-100V/fx-135/fx-350D/fx-991V/fx-992V/fx-451M fx-570AV/fx-570CV/fx-580/fx-3400P/fx-3600P fx-3600PV/fx-4500P/FX-603P/fx-5500L
			Improper fraction	fx-10F/fx-50F/fx-82D/fx-85V/fx-115V/fx-100D fx-100V/fx-135/fx-350D/fx-991V/fx-992V fx-570AV/fx-570CV/fx-580/fx-3400P/fx-3600PV fx-4500P/FX-603P/fx-5500L
Permutation, combination	Sample extraction Probability calculations	Junior high/senior high students		fx-5000F/fx-10F/fx-50F/fx-85V/fx-115V/fx-100D fx-100V/fx-135/fx-991V/fx-992V/fx-570AD fx-570CD/fx-570AV/fx-570CV/fx-580/fx-3400P fx-3600PV/fx-4000P/fx-4100P/fx-4200P fx-4500P/fx-5200P/fx-5500L
Physical/ chemical constants	Calculations using physical/ chemical constants	Engineers, college students	9 types	fx-570AV/fx-570CV/fx-991V/fx-50F/fx-3400P fx-5200P
			13 types	fx-5000F/fx-451M
			32 types	fx-570AD/fx-570CD
			128 types	fx-992V
Replay function	Calculation check/modification	Junior high/senior high/ college students, engineers	⊡ and ⊡ keys	fx-4000P/fx-4100P/fx-4200P/fx-4500P fx-7000GA/fx-7500G/fx-8500G/OH-7000G fx-5000F/fx-5500L

POCKET COMPUTER

With the computer world opening up to the non-specialist, these trim personal models offer the perfect opportunity for the businessman, engineer, researcher, student, etc. to enter into modern data handling.

Super Pocket Computer
The custom CPU provides high speed processing and a larger capacity memory than ever before possible.

Scientific Library
A full library of useful scientific formulas built in. 116 formulas include mathematics, chemistry, physics, electricity, statistics, and others.

Mathematical Library
A mathematical library of matrix calculations, complex number calculations, numeric solution of equations, numeric integration, and binary/decimal/hexadecimal calculations.

Screen touch keys
A set of 16 touch keys are built right into the screen, so key input can be performed by simply touching the screen.
(PB-1000)

3.5" floppy disk
Approximately 320KB of programming and data storeable on 3.5" floppy disks for large-volume data processing and high-level program execution.
(MD-100)

4-color plotter-printer
Print text, graphics, and tables in 4 colors on A4 size paper.
(FP-100)

Data bank function
Data bank can hold private memoranda such as price list, names and numbers, addresses, dates, etc.
(FX-880P/FX-850P/PB-2000C/PB-1000/PB-120/FX-790P/FX-795P)
The Data bank combined with BASIC provides an expansive range of duties.
(FX-880P/FX-850P/PB-120/FX-790P/FX-795P)

Centronics standard interface
Allows connection of Centronics standard printers.
(MD-100/FA-7/FA-6)

RS-232C port
For direct connection to a desktop computer or connection of two units for data transfers.
(MD-100/FA-7/FA-6)

n-dimensional array
This function allows declaration of arrays up to n-dimensions, limited only by memory capacity. This makes tabular data easier to handle than ever before.
(FX-880P/FX-850P/PB-2000C + OM-53B/PB-1000)

RAM card system
The quick-insert RAM cards can be used for programs or for data analysis and processing. No need for a link-up with an external recording system.
(FX-750PF)

Formula memory
Formula memory gives you instant access to your own most used formulas; you just enter variables without programming.
(FX-880P/FX-850P/FX-790P/FX-795P/PB-2000C/PB-1000)

C language
A simplified system programming language for mainframes, work stations and personal computers.
(PB-2000C)

Prolog language
A predicate logic language suitable for artificial intelligence applications.
(PB-2000C + OM-51P)

Model	Display	Display capacity (characters)	Mantissa + EXP	Program language	Memory capacity (approx.)	No. of programs storable	Subroutine levels	Checking and editing	Others
FX-880P	LCD*	32 × 2	10 + 2	BASIC	32 KB (expandable to 64 KB)	10	96	○	116 scientific software utilities, Formula memory function, DATA BANK function, n-dimensional array.
FX-850P	LCD*	32 × 2	10 + 2	BASIC	8 KB (expandable to 40 KB)	10	96	○	116 scientific software utilities, Formula memory function, DATA BANK function, n-dimensional array.
PB-2000C	LCD*	32 × 4	10 + 2	C	32 KB (expandable to 64 KB)	Limited to memory capacity	—	○	Built-in C language, Formula memory function, DATA BANK function, BASIC ROM card (option), Prolog ROM card (option)
PB-1000	LCD*	32 × 4	10 + 2	BASIC Assembler	8 KB (expandable to 40 KB)	Limited to memory capacity	Limited to memory capacity	○	DATA BANK function, Formula memory function, Assembler and Monitor, Regression analysis, n-dimensional array.

* Dot matrix display

FOUR TIMES MORE USER PROGRAM AREA THAN THE FX-850P!

116 SCIENTIFIC SOFTWARE UTILITIES — **NEW!**
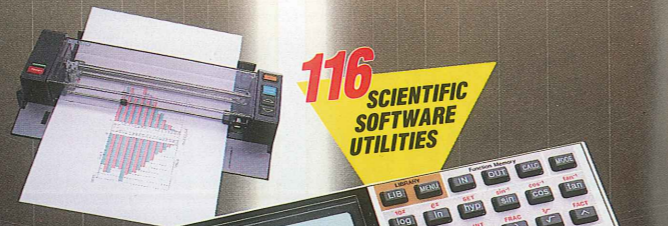
32 characters by 2 lines

32KB Large-Capacity, 116 Built-in Mathematical, Statistical, and Scientific Software Utilities

FX-880P
51 SCIENTIFIC FUNCTIONS · DATA BANK

The FX-880P gives you big computer storage capacity in a pocket computer design. 32 kilobytes of RAM can be expanded up to 64 kilobytes for enough storage for virtually any application.

- RAM capacity — Standard 32 kilobytes (64 kilobytes with RP-33 RAM pack). ● Display: 32 columns × 2 lines ● Built-in 116 scientific software utilities ● Formula memory function ● DATA BANK function ● n-dimensional array system
- *90 hours on two lithium batteries (CR2032).
- *11.6H × 193W × 78mmD, 197 g.

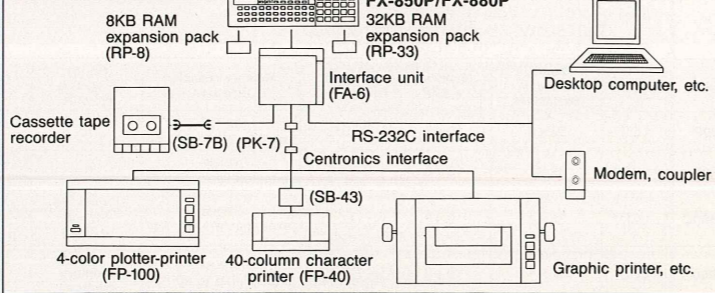Owner's Manual for easy understanding of hardware and software

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PROFESSIONAL LEVEL COMPUTING POWER AT YOUR FINGERTIPS!

116 SCIENTIFIC SOFTWARE UTILITIES

32 characters by 2 lines

116 Built-in Mathematical, Statistical, and Scientific Software Utilities

FX-850P
51 SCIENTIFIC FUNCTIONS · DATA BANK

The FX-850P totally changes the very concept of the pocket computers. A total of 116 scientific software utilities include the commonly used mathematical operations, statistical formulas as well as scientific formulas and constants. Simply enter the required parameters and the result is yours.

- RAM capacity — Standard 8 kilobytes (40 kilobytes with RP-33 RAM pack). ● Display: 32 columns × 2 lines ● Built-in 116 scientific software utilities ● Formula memory function ● DATA BANK function ● n-dimensional array system
- *90 hours on two lithium batteries (CR2032).
- *11.6H × 193W × 78mmD, 197 g.

Owner's Manual for easy understanding of hardware and software

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SCIENTIFIC LIBRARY 116

BUILT-IN 116 SOFTWARE UTILITY LIBRARY FUNCTION

The scientific software built into the FX-880P/FX-850P makes it possible to perform a wide variety of sophisticated calculating chores. Matrices, complex numbers, and integrals for mathematics. Regression analysis, interval estimation, and hypothetical tests for statistics. Factoring, element periodic table, electrical and other scientific equations and constants. Simply enter the required parameters to acquire the desired result.

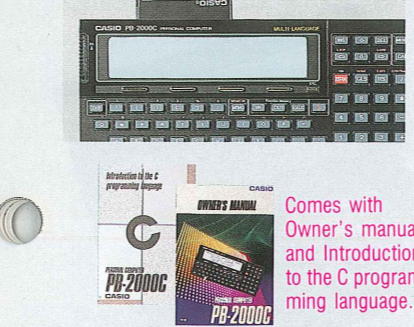| No.	Function
1000	Memory calculations
5010	Prime factors
5020	Greatest common measure/Least common multiple
5040	Simultaneous equations (Gauss-Jordan elimination)
5050	Quadratic equation
5060	Cubic equation
5080	Numerical solution (Newton's method)
5090	Numerical solution (method of bisection)
5200	Matrix operations
5210	Numerical integration (Romberg's method)
5220	Ordinary differential equation (Runge-Kutta method)
5230	Lagrange's interpolation
5250	Gamma function
5260	Bessel function of the first kind
5270	Bessel function of the second kind
5280	Modified Bessel function of the first kind
5290	Modified Bessel function of the second kind
5300	Complex number
5350	Binary-Decimal-Hexadecimal
5510	Straight line passing through two points
5520	Angle of intersection for two straight lines
5530	Distance between point and straight line
5540	Rotational movement
5550	Circle passing through three points
5560	Length of tangent lines from a point to a circle
5570	Tangent line equation
5600	Area of a triangle
5605	Area of a trapezoid
5610	Area of a parallelogram
5615	Area of a circle
5620	Area of a sector
5625	Area of a segment
5630	Area of an ellipse
5635	Area of a regular polygon
5650	Surface area of a sphere
5655	Surface area of a zone of sphere
5660	Surface area of a spherical sector
5665	Surface area of a circular cylinder
5670	Surface area of a circular cone
5675	Surface area of a frustum of circular cone
5700	Volume of a sphere
5705	Volume of a zone of sphere
5710	Volume of a spherical sector
5715	Volume of a circular cylinder
5720	Volume of a circular cone
5725	Volume of a frustum of circular cone
5730	Volume of a wedge
5735	Volume of a pyramid
5740	Volume of a frustum of pyramid
5745	Volume of an ellipsoid
5750	Inscribed circle and circumscribed circle of a regular polygon
5760	Regular polyhedron
5800	Factorization
5810	Trigonometric functions
5820	Differential
5830	Integration
5840	Laplace transformation
5900	Periodic table
5910	Scientific constants
5920	Electrolytic dissociation constants
5930	Motion and energy
5932	Wave
5934	AC and DC circuits
5936	Electric and magnetic fields
5938	Thermodynamics and others
5950	Metric conversions (length)
5960	Metric conversions (area)
5970	Metric conversions (volume)
5980	Metric conversions (weight)
6210	Upper probability integrals (normal distribution)
6220	Upper probability integrals (x^2 distribution)
6230	Upper probability integrals (t distribution)
6240	Upper probability integrals (F distribution)
6310	Upper cumulative frequency (binomial distribution)
6320	Upper cumulative frequency (Poisson distribution)
6330	Upper cumulative frequency (hypergeometric distribution)
6410	Percentage point (normal distribution)
6420	Percentage point (x^2 distribution)
6430	Percentage point (t distribution)
6440	Percentage point (F distribution)
6450	Normal random numbers
6460	Exponential random numbers
6500	Statistics
6510	Regression analysis (linear)
6520	Regression analysis (logarithmic)
6530	Regression analysis (exponential)
6540	Regression analysis (power)
6610	Mean interval estimation (for known variance)
6620	Mean interval estimation (for unknown variance)
6630	Variance interval estimation
6640	Standard deviation interval estimation
6650	Variance ratio interval estimation
6660	Mean difference interval estimation
6670	Ratio interval estimation
6680	Ratio difference interval estimation
6710	Population mean test (two-sided) (for known variance)
6711	Population mean test (right sided) (for known variance)
6712	Population mean test (left sided) (for known variance)
6720	Population mean test (two-sided) (for unknown variance)
6721	Population mean test (right sided) (for unknown variance)
6722	Population mean test (left sided) (for unknown variance)
6730	Population variance test (two-sided)
6731	Population variance test (right sided)
6732	Population variance test (left sided)
6740	Variance ratio test (two-sided)
6741	Variance ratio test (right sided)
6742	Variance ratio test (left sided)
6750	Mean difference test (two-sided)
6751	Mean difference test (right sided)
6752	Mean difference test (left sided)
6760	Ratio test (two-sided)
6761	Ratio test (right sided)
6762	Ratio test (left sided)
6770	Ratio difference test (two-sided)
6771	Ratio difference test (right sided)
6772	Ratio difference test (left sided)

FX-850P/FX-880P SYSTEM CONFIGURATION

FX-850P/FX-880P
8KB RAM expansion pack (RP-8)
32KB RAM expansion pack (RP-33)
Interface unit (FA-6)
Cassette tape recorder
(SB-7B) (PK-7)
RS-232C interface
Centronics interface
(SB-5)
4-color plotter-printer (FP-100)
40-column character printer (FP-40)
Desktop computer, etc.
Modem, coupler
Graphic printer, etc.

The Compact Pocket Computer with Built-in C Language

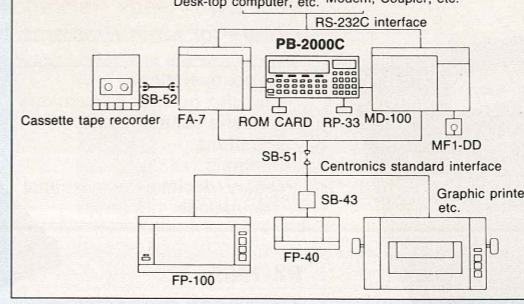### Multi-language Capabilities Give You Built-in C Language, with Prolog and BASIC Available with Optional ROM Cards.

32 characters by 4 lines · DATA BANK

PB-2000C

The PB-2000C comes with C language programming capabilities built in, making it possible to develop programs for mainframes, work stations and personal computers running under this popular language.

And, since the PB-2000C is a pocket computer, you're not tied down to a specific location when programming in C. Besides its built-in C interpreter, the PB-2000C also can be operated using BASIC or Prolog, using optionally available ROM cards.

- RAM capacity — Standard 32 kilobytes (64 kilobytes with RP-33 RAM pack). ● Display: Text — 32 columns × 4 lines. Graphics — 192 × 32 dots. ● Built-in C language programming capabilities ● Formula memory function ● DATA BANK function
- *2-way power source: AC (AD-4175 adaptor) or DC (three lithium batteries (CR2032)).
- *15H × 188W × 83mmD, 249 g.

Multi-language System using ROM cards

Comes with Owner's manual and Introduction to the C programming language

PB-2000C SYSTEM CONFIGURATION

Desk-top computer, etc. Modem, Coupler, etc.
RS-232C interface
PB-2000C
Cassette tape recorder FA-7 ROM CARD RP-33 MD-100
SB-52 SB-51
Centronics standard interface
Graphic printer, etc.
SB-43
FP-100 FP-40

ROM cards available for other programming languages

OM-53B BASIC ROM card
The widely popular programming language that makes programming easy for everyone.
*Comes with Introduction to the BASIC programming language.

OM-51P Prolog ROM card
A predicate logic language suitable for artificial intelligence applications.
*Comes with Introduction to the Prolog programming language.

Front Line Computing System with Full Peripherals

32 characters by 4 lines

** Touch Screen Keys **
Job :
Device :
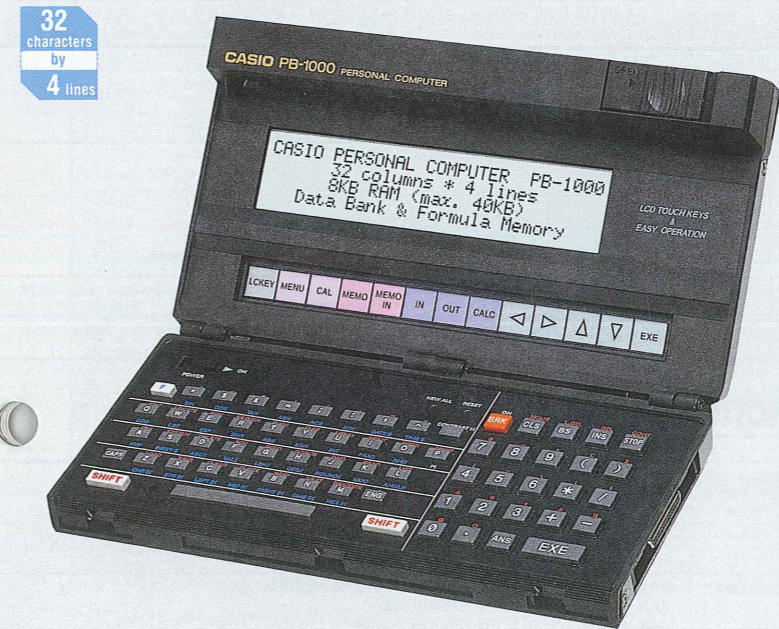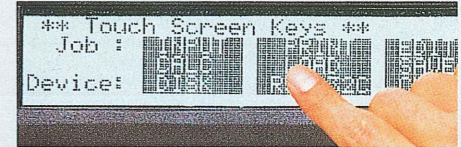
Amazing "Touch Sensor" display
A set of 16 touch keys are built right into the screen, so key input can be performed by simply touching the screen.

PB-1000
58 SCIENTIFIC FUNCTIONS · ASSEMBLER · DATA BANK

PB-1000 mainframe forms center of extensive data processing and computing system, including 3.5 inch floppy disk drive, Centronics printer ... in fact, complete data communication capabilities with RS-232C port. Useful DATA BANK with high memory power, up to 40KB (with RP-32 RAM pack). And advanced programming via an assembler and monitor support machine language facilities.

- RAM capacity — Standard 8 kilobytes (40 kilobytes with RP-32 RAM pack). ● Display: Text — 32 columns × 4 lines. Graphics — 192 × 32 dots. ● 16 touch screen keys ● Formula memory function ● n-dimensional array system ● Assembler and monitor
- *55 hours on three AA size batteries (UM-3).
- *24H × 187W × 97mmD — Folded.
- 24H × 187W × 176.5mmD — Unfolded.
- *435 g.
- *Comes with "Owner's Manual" and "Command Reference".

Owner's Manual for easy understanding of hardware and software

MD-100
● 3.5-inch floppy disk drive ● RS-232C port for data communication capabilities ● Centronics standard printer interface
- *50H × 342.5W × 229mmD, 1.9 kg.

RP-32
● 32KB RAM pack
- *5.8H × 67W × 59mmD, 18 g.

FP-40
● 40-column thermal printer
- *42.5H × 210W × 145mmD, 609 g.

FP-100
● Letter size paper 4-color plotter-printer
- *67H × 310W × 129mmD — Folded.
- 24H × 310W × 236mmD — Unfolded.
- *1.6 kg.

FA-7
● RS-232C port for data communication capabilities ● Centronics standard printer interface ● Cassette interface
- *50H × 220W × 229mmD, 949 g.

MF1-DD
● 3.5 inch floppy disk
● Single sided, double density, 320KB
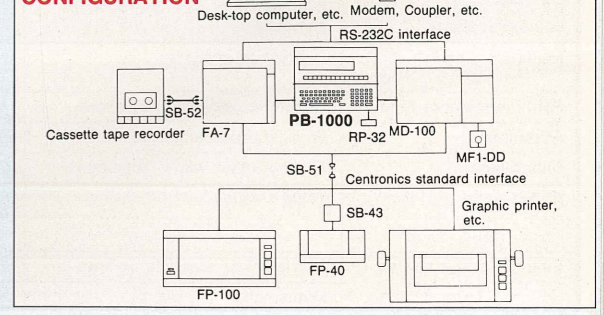
MULTI-PURPOSE DATA BASE SOFTWARE
DATA SPIRIT

Data Spirit is the first data base software which allows simplified data collection, and storage, as well as tabular, graphic, and statistical operations. Tables can be created up to a maximum size of 20 × 40 (800 items). Formulas can be defined for calculation to be performed in each cell, and vertical/horizontal items can also be defined. Besides this, a total of 16 different graphs, which can be printed in four colors and 23 statistical operations also become available. This program makes all of this possible on the PB-1000, forming a valuable tool which can be used virtually anywhere.

This software requires:
PB-1000/RP-32/MD-100/FP-100/SB-51

INCLUDES: 3.5'' floppy disk
Easy-to-understand manual

PB-1000 SYSTEM CONFIGURATION

Desk-top computer, etc. Modem, Coupler, etc.
RS-232C interface
PB-1000
Cassette tape recorder FA-7 RP-32 MD-100
SB-52 MF1-DD
SB-51
Graphic printer, etc.
SB-43
FP-100 FP-40

BASIC + DATA BANK + 8K Bytes of RAM

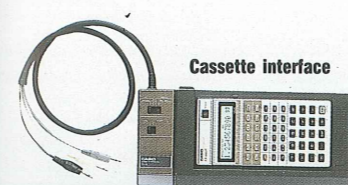**PB-120** | 27 SCIENTIFIC FUNCTIONS | 12 character display | DATA BANK

- RAM capacity — Standard 8 kilobytes ● Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters). ● 10 independent program areas ● DATA BANK function.
- 130 hours on two lithium batteries (CR2032).
- 9.8H × 165W × 71mmD, 124 g.
- Comes with "Easy Guide to Programming"

Double Slots! Takes 2 RAM Cards!

FX-750PF | 66 SCIENTIFIC FUNCTIONS | 24 character display | RAM CARD

- Memory: RAM — Standard 4 kilobytes (expandable to 16 kilobytes with two RC-8 RAM cards), ROM — Approx. 27 kilobytes ● Display: 24 alpha-numeric characters ● 10 independent program areas ● 10 physical constants ● Regression analysis
- Battery life: Main — 120 hours on two lithium batteries (CR2032). RAM card (RC-4) — 12 months on one lithium battery (CR2016).
- 16H × 186W × 82mmD, 243 g including the RAM card.

3-dimensional Array and Regression Analysis

FX-790P | 65 SCIENTIFIC FUNCTIONS | 24 character display | ASSEMBLER | DATA BANK

- RAM capacity — Standard 8 kilobytes (16 kilobytes with RP-8 RAM pack). ● Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters). ● Assembler simulation function ● Formula memory function ● DATA BANK function ● 3-dimensional array system
- 85 hours on two lithium batteries (CR2032).
- 18H × 142W × 71mmD — Folded. 9H × 142W × 142mmD — Unfolded. 165 g.
- Comes with "Easy Guide to Programming" and "Introduction to Assembly Language"

Your Own Ready Reference Library for Math Problems

- Matrix operations
- Complex number calculations
- Numeric solutions of equations
- Integrals
- Binary / decimal / hexadecimal calculations
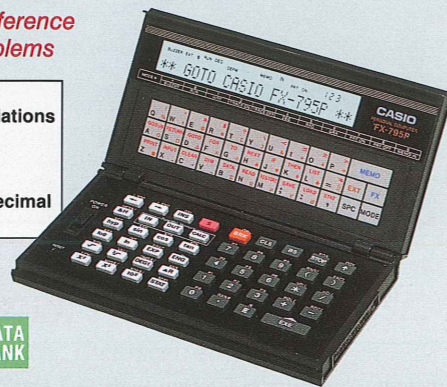
FX-795P | 65 SCIENTIFIC FUNCTIONS | 24 character display | DATA BANK

- RAM capacity — Standard 16 kilobytes ● Alphabetic dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters). ● Built-in mathematical library (matrix operations, complex number calculations, numeric solutions of equations, integrals, binary/decimal/hexadecimal calculations) ● Formula memory function ● DATA BANK function ● 3-dimensional array
- 80 hours on two lithium batteries (CR2032).
- 19.2H × 142W × 71mmD — Folded. 9.6H × 142W × 142mmD — Unfolded. 159 g.

Model	Display	Display capacity (characters)	Mantissa + EXP	Program language	Memory capacity (approx.)	No. of programs storable	Subroutine levels	Checking and editing	Others
PB-120	LCD*	12	8+2	BASIC	8 KB	10	8	○	DATA BANK function.
FX-750PF	LCD*	24	10+2	BASIC	4 KB (expandable to 16 KB)	10	12	○	RAM card(s), Regression analysis, 10 physical constants.
FX-790P	LCD*	24	10+2	BASIC	8 KB (expandable to 16 KB)	10	8	○	Assembler simulation function, Formula memory, 3-dimensional array, DATA BANK function, Regression analysis.
FX-795P	LCD*	24	10+2	BASIC	16 KB	10	8	○	Mathematical library, DATA BANK function, Formula memory, 3-dimensional array, Regression analysis.

* Dot matrix display

POCKET COMPUTER FUNCTION COMPARISON CHART

FUNCTION	PURPOSE	MAJOR USERS	REMARKS	APPLICABLE MODELS
RAM card	Various use of programs	All	Memory back up	FX-750PF
Wide variety of scientific functions		Students, engineers		FX-750PF/FX-790P/FX-850P/FX-880P
Large capacity RAM	Large-scale data processing	Sales personnel, engineers	MAX. 16KB / MAX. 40KB / MAX. 64KB	FX-750PF/PB-120/FX-790P/FX-795P / FX-850P/PB-1000 / PB-2000C/FX-880P
DATA BANK	Data storage without program	Business persons, students		PB-120/FX-790P/FX-795P/FX-850P/FX-880P/PB-1000/PB-2000C
Graphic display		Engineers, students		PB-1000/PB-2000C
Graphic printer applicability	Graph print, table creation	Engineers, students	Centronics standard	PB-1000/PB-2000C/FX-850P/FX-880P
FDD applicability	Large-scale data processing, easy storage and transport of programs	All	320KB (3.5" floppy disk)	PB-1000/PB-2000C
RS-232C data communications	Interchange of data with personal computer	All		PB-1000/PB-2000C/FX-850P/FX-880P
Statistics function	Regression analysis	All	Paired-variable	FX-750PF/FX-790P/FX-795P/FX-850P/FX-880P/PB-1000 PB2000C + OM-53B
Formula memory function	Repetitive complex calculations	All		FX-790P/FX-795P/FX-850P/FX-880P/PB-1000/PB-2000C
Assembler	Familiarization with assembler	Students		FX-790P/PB-1000
C language	Familiarization with C language	Students, engineers		PB-2000C
Arrays	Table creation	Sales personnel, scientists, teachers	2-dimension / 3-dimension / n-dimension	FX-750PF / FX-790P/FX-795P / FX-850P/FX-880P/PB-1000
Built-in library utilities	Mathematics, statistics, science	Engineers, students	116 types	FX-850P/FX-880P
	Mathematics	Mathematicians, students	5 types	FX-795P

PERIPHERALS

Cassette interface
FA-2 Production terminated

Cassette interface
FA-3

Cassette interface
FA-5

Interface unit (Centronics/RS-232C/Cassette)
FA-7

FA-6

Character printer with cassette interface
FA-20

Character printer
FP-10 Production terminated

Character printer
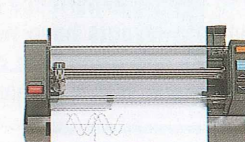**FP-12S/FP-12T**
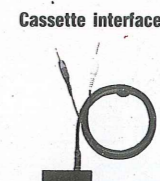
Character printer with cassette interface
FP-40

4-color plotter-printer
FP-100

OPTIONS

PB-80/PB-220/PB-410F LIBRY 1E/1S
PB-80/PB-220/PB-410F LIBRY 2E/2S
PB-700/PB-770 LIBRY 4S/4C
FX-750P LIBRY 5E
PB-1000 DATA SPIRIT
PB-700/PB-770 THE GRAPH
fx-6500G/fx-7200G/fx-7500G fx-8000G/fx-8500G APPLICATION BOOK

Pocket Computer Accessory List

For mainframe

Model name	Main power supply	Memory backup battery	RAM Expansion pack
fx-5200P/fx-5400P/PB-80	CR2032 × 2	—	OR-1Ⓔ(1KB)
FX-602P/FX-702P	CR2032 × 2	—	—
FX-603P	CR2032 × 2	CR2032 × 1	—
FX-801P	AA×6 or AD-1 (option)	—	—
PB-100/PB-100F/PB-110 FX-700P/FX-710P	CR2032 × 2	—	OR-1Ⓔ(1KB)
PB-120	CR2032 × 2	—	—
PB-300/FX-802P	CR2032 × 2 CHA-1 (accessory)	—	—
PD-300	CR2032 × 2	CR1220 × 1	RP-8(8KB)
PD-310	CR2032 × 2	CR1220 × 1	—
PB-220	CR2032 × 2	CR1220 × 1	RP-8(8KB)
PB-410F/FX-720PF	CR2032 × 2	RAM card: CR2016 × 1	RC-2(2KB) RC-4(4KB)
FX-820P	CR2032 × 2 CHA-1 (accessory)	RAM card: CR2016 × 1	RC-2(2KB) RC-4(4KB)
FX-750PF	CR2032 × 2	RAM card: CR2016 × 1	RC-2(2KB) RC-4(4KB) RC-8(8KB)
FX-770P	CR2032 × 2	CR1220 × 1	OR-2(2KB)
FX-785P/FX-790P	CR2032 × 2	CR1220 × 1	RP-8(8KB)
FX-850P/FX-880P	CR2032 × 2	CR1220 × 1	RP-8(8KB) RP-33(32KB)
PB-700/PB-770	AA × 4	CR1220 × 1	PB-700: OR-4(4KB)×3 PB-770: OR-8(8KB)×3
PB-1000	AA × 3	—	RP32(32KB)
fx-8500G	CR2032 × 2	—	—
FX-795P	CR2032 × 2	CR1220 × 1	—
PB-2000C	CR2032 × 3 or AD-4175 (option)	CR1220 × 1	RP-33 (32KB)

For external storage

Model name	Interface unit	Battery for interface unit	AC adaptor for interface unit	MT Cable	Tape recorder	Disk sheet
FX-602P/FX-702P	FA-2	AA × 3	—	Built-in	Any	
PB-100/PB-100F PB-110/PB-120 FX-700P/FX-710P PB-300/FX-802P PB-410F/FX-720PF FX-820P	FA-3	AA × 2	—	Built-in	Any	
	FA-5	—	—	Built-in	Any	
PB-220/PD-300 PD-310/FX-770P FX-785P/FX-790P FX-795P	FA-5	—	—	Built-in	Any	
FX-750PF	FA-20	Built-in rechargeable battery	CHA-1 (Accessory)	Accessory	Any	
FX-603P/FX-850P FX-880P	FA-6	AA × 4	AD-4845 (option)	SB-7B (option)	Any	
PB-700/PB-770	FA-4	AA × 6	AD*1 (option)	CM-1 (option)	Accessory	
	FA-10	Built-in rechargeable battery	AD-5480 (Accessory)	CM-1 (option)	Accessory	
	FA-11	Built-in rechargeable battery	AD-5480 (Accessory)	Accessory	Built-in	
PB-1000/PB-2000C	FA-7	AA × 6	AD-4175 (option)	SB-52 (option)	Any	
	MD-100	AA × 6	AD-4175 (option)	—	—	MF1-DD
fx-8500G	FA-80	AA × 5	AD-4150 (option)	Accessory	Any	

For printer connection

Model name	Interface unit	Battery for interface unit	AC adaptor for interface unit	Printer	Battery for printer	AC adaptor for printer	Printer cable	Roll paper	Rechargeable batteries	Ball-point pens
FX-602P/FX-702P	—	—	—	FP-10	AA × 4	AD-4150 (option)	Accessory	CMP-36	NP-4M (option)	—
FX-801P	—	—	—	Built-in				TRP-26	—	—
PB-100/PB-100F PB-110/PB-120/FX-700P FX-710P	—	—	—	FP-12/FP-12S	—	CHA-1 (accessory)	—	TRP-16/TRP-16A	Built-in	—
				FP-12T	—	CHA-1 (accessory)	—	TRP-16A	Built-in	—
				FP-40	—	CHA-2 (accessory)	SB-42 (option)	TRP-112	Built-in	—
PB-300/FX-820P	—	—	—	Built-in				TRP-16	Built-in	—
PB-220/FX-770P FX-785P/FX-790P FX-795P/PD-300/PD-310	—	—	—	FP-12S	—	CHA-1 (accessory)	—	TRP-16/TRP-16A	Built-in	—
				FP-12T	—	CHA-1 (accessory)	SB-2 (option)	TRP-16A	Built-in	—
				FP-40	—	CHA-2 (accessory)	SB-42 (option)	TRP-112	Built-in	—
PB-410F FX-720PF	—	—	—	FP-12S	—	CHA-1 (accessory)	—	TRP-16/TRP-16A	Built-in	—
				FP-12T	—	CHA-1 (accessory)	—	TRP-16A	Built-in	—
				FP-40	—	CHA-2 (accessory)	SB-42 (option)	TRP-112	Built-in	—
FX-820P	—	—	—	Built-in				TRP-16	Built-in	—
FX-750PF	—	—	—	FA-20	—	CHA-1 (accessory)	—	TRP-16	Built-in	—
FX-603P/FX-850P FX-880P	FA-6	AA × 4	AD-4845 (option)	FP-100	—	AD-4898 (accessory)	PK-7	PRP-216	Built-in	BP-1/BP-2
				FP-40	—	CHA-2 (accessory)	PK-7 + SB-43 (option)	TRP-112	Built-in	BP-1/BP-2
PB-700/PB-770	FA-4	AA × 6	AD-1 (option)	FP-100	—	AD-4898 (accessory)	SB-51 (option)	PRP-216	Built-in	BP-1/BP-2
	FA-10			FP-100	—	AD-5480 (accessory)	—	PRP-24/PRP-70	Built-in	BP-1/BP-2
	FA-11			FP-100	—	AD-5480 (accessory)	—	PRP-24/PRP-70	Built-in	BP-1/BP-2
				FP-40	—	CHA-2 (accessory)	SB-41 (option)	TRP-112	Built-in	—
PB-1000/PB-2000C	FA-7/MD-100	AA × 6	AD-4175 (option)	FP-100	—	AD-4898 (accessory)	SB-51 + SB-43 (option)	PRP-216	—	BP-1/BP-2
				FP-40	—	CHA-2 (accessory)	SB-51 + SB-43 (option)	TRP-112	Built-in	—
fx-8500G	FA-80	AA × 5	AD-4150 (option)	FP-100	—	AD-4898 (accessory)	SB-51 + SB-43 (option)	PRP-216	—	BP-1/BP-2
				FP-40	—	CHA-2 (accessory)	SB-51 + SB-43 (option)	TRP-112	Built-in	—

PRINTER

Casio has served offices with their calculator-printer needs for many years. Out of this has come a range of machines that are built from a blend of pure experience and superb designing. Keyboard layouts have reached a peak of convenience and printing is getting close to the instantaneous with our more advanced models.

Mini Printer
Small enough to fit into the palm of your hand, yet capable of printing on standard 58mm wide paper.

Compact Type
Compact design that fits in almost anywhere prints on standard 58mm plain paper.

Adding machine system
Accumulates numeric input in memory. Totalization of large amount of data can be performed quickly and accurately.
(All models except HR-8A/HR8A-BK/HR-9/HR9-BK)

Right shift key
Quick corrections of mis-entries with the move-back shift key ▶.
(FR-125S/FR-2500/FR-2600/FR-3100/FR-3200/FR-3400/DR-110N/DR-120N/DR-140N/DR-220T/DR-1212T/DR-8420V/DR-8620)

Dual roll system
Use the inner roll for simple operation on the go, or the outer roll for office work.
(HR-8A/HR8A-BK/HR-9/HR9-BK)

58mmW plain paper
Print on 58mm wide standard paper. Even extra-long values are printed out using large numbers.
(All models except DR-8620)

2-color printout
Positive values in black, negatives in red, for easy checks of calculation results.
(HR-110T/HR-120T/FR-125S/FR-2600/DR-110N/DR-120N/DR-140N/DR-220T/DR-1212T/DR-8420V/DR-8620)

Mark-up/mark-down key
All of the mark-up/mark-down capabilities of an adding machine for simplified cost and profit calculations.
(HR-100T/HR-110T/HR-120T/FR-125S/FR-2500/FR-2600/FR-3100/FR-3200/FR-3400/DR-110N/DR-120N/DR-140N/DR-220T/DR-1212T/DR-8420V/DR-8620)

Delta percent key
One-touch access to ratios and increase/decrease calculations.
(DR-1212T)

Desk-top Type
Simply plug it in and you have outstanding print quality power at your fingertips, at home or at the office.

Heavy-duty Printer
Outstanding durability for heavy-duty performance. Whisks right through the toughest calculating chores.

Full decimal system
A versatile rounding function provides a choice between cut-off and round-off calculations.
(All models)

Item counter
Item counter permits easy checking of invoices and accounts.
(All models except HR-8A/HR8A-BK/HR-9/HR9-BK)

3-digit comma markers
Automatic comma markers on both tape and display to easy reading.
(All models)

3 totalling system
You can accumulate results in all four basic functions at a touch. It gives sub-totals, totals and grand totals.
(FR-2500/FR-2600/FR-3100/FR-3200/FR-3400/DR-110N/DR-120N/DR-140N/DR-220T/DR-1212T/DR-8420V/DR-8620)

ΣAB
Total of multiplicands/dividends and products/quotients
(DR-1212T/DR-8420V/DR-8620)

Big display
A newly developed reverse view type display makes it possible to dramatically widen the viewing angle and make characters larger. Since glare of display wiring is reduced, diffused reflection is eliminated.
(DR-220T)

Line printing
Higher speed, superior print quality and silent sounds when compared with the standard serial impact printer.
(All DR models and FR-3100/FR-3200/FR-3400)

MINI-PRINTER

Dual-roll System (Inner or Outer Roll)
HR-8A / HR8A-BK — 10 DIGITS

Dual-roll System (Inner or Outer Roll)
HR-9 / HR9-BK — 10 DIGITS

High Speed Mini Printer — 1.8 Lines per Sec. 58mmW Plain Paper
HR-16ABK — 10 DIGITS — 1.8 LINES/SEC.
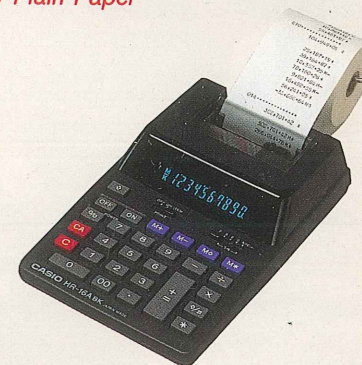
High Speed Mini Printer — 1.8 Lines per Sec. 58mmW Plain Paper
HR-22ABK — 12 DIGITS — 1.8 LINES/SEC.

COMPACT TYPE
HR-100T — 10 DIGITS

HR-110T — 10 DIGITS — 2 COLOR PRINT

HR-120T — 12 DIGITS — 2 COLOR PRINT

FR-125S — 12 DIGITS — 2 COLOR PRINT

DESK-TOP TYPE
New Compact Design and Operational Efficiency

NEW!
FR-2500 — 10 DIGITS — 2 COLOR PRINT

NEW!
FR-2600 — 12 DIGITS — 2 COLOR PRINT

Model	Display	Digits	Simple algebraic logic	Adding machine	Sub-total	Total	Independent memory	%	Profit margin %	+/−	3-digit comma markers	Item counter	Average	5/4	Cut	Decimal selector	ADD mode	Battery	AC adaptor	AC only	Ink-roll cartridge	Paper width	Dimensions H×W×Dmm	Weight (g)	Others
HR-8A HR8A-BK	LCD	10	○					○						○	○	2	○	AA×4	AD-4150		IR-50P	58mm	39×101×185	286	Function command signs, Auto power-off function
HR-9 HR9-BK	LCD	10	○					○						○	○	2	○	AA×4	AD-4150		IR-50P	58mm	41.5×108×194	305	Function command signs, Auto power-off function
HR-16ABK	Digitron	10	○	○	○	○	○	○			○	○		○	○	0−3	○	AA×4	AD-4150		IR-40	58mm	54.3×120×190	440	
HR-22ABK	Digitron	12	○	○	○	○	○	○			○	○		○	○	0−3	○	AA×4	AD-4150		IR-40	58mm	54.3×120×190	454	
HR-100T	Digitron	10	○	○	○	○	○	○	○	○	○	○		○	○	0−3	○	AA×4	AD-4150		IR-40	58mm	55×158×209	460	
HR-110T	Digitron	10	○	○	○	○	○	○	○	○	○	○		○	○	0−3	○	AA×4	AD-4150		IR-40T	58mm	55×158×209	460	
HR-120T	Digitron	12	○	○	○	○	○	○	○	○	○	○		○	○	0−3	○	AA×4	AD-4150		IR-40T	58mm	55×158×209	460	
FR-125S	Digitron	12	○	○	○	○	○	○	○	○	○	○		○	○	0−3	○	AA×4	AD-4150		IR-40T	58mm	43.5×197.2×226	580	
FR-2500	Digitron	10	○	○	○	○	○	○	○	○	○	○		○	○	0−4	○			○	IR-40	58mm	61×205×246	800	
FR-2600	Digitron	12	○	○	○	○	○	○	○	○	○	○		○	○	0−4	○			○	IR-40T	58mm	61×205×246	800	

31

32

Model	Display	Digits	Adding machine	Sub-total	Total	Independent memory	%	Profit margin %	+/−	3-digit comma markers	Item counter	Average	5/4	Cut	Up	Decimal selector	ADD mode	AC only	Ink-roll cartridge	Paper width	Dimensions H×W×Dmm	Weight (g)	Others
FR-3100	Digitron	10	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6		○	IR-800P	58mm	75×220×351	1.4kg	
FR-3200	Digitron	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6		○	IR-800P	58mm	75×220×351	1.4kg	
FR-3400	Digitron	14	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6		○	IR-800P	58mm	75×220×351	1.4kg	
DR-110N	Digitron	10	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6		○	RB-02/GB-02	58mm	83×214×376	1.9	
DR-120N	Digitron	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6		○	RB-02/GB-02	58mm	83×214×376	1.9	
DR-140N	Digitron	14	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6		○	RB-02/GB-02	58mm	83×214×376	1.9	
DR-220T	Digitron	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6		○	RB-02/GB-02	58mm	81×212×370	1.7	
DR-1212T	Digitron	12	○	○	○	○	○	○	○	○	○	○	○	○	○	0–6		○	RB-02/GB-02	58mm	87×218×369	2.15	ΣAB, ▣, ◪
DR-8420V	Digitron	14	○	○	○	2	○	○	○	○	○	○	○	○	○	0–6		○	RB-02/GB-02	58mm	87×218×369	2.15	ΣAB
DR-8620	Digitron	16	○	○	○	2	○	○	○	○	○	○	○	○	○	0–8		○	RB-02/GB-02	69mm	93×245×392	3.1	Date calculation, Time calculation, ΣAB, ◪

SL-300J
BK(BLACK)

SL-807A
BK(BLACK) · BU(BLUE) · GN(GREEN) · PK(PINK)

Big Plastic Keys Keep Flying Fingers on Target during Input.

US-10

US-20

Big Display & Spacious Key Layout

SL-330
BK(BLACK)

SL-350
BK(BLACK) · BU(BLUE)

METRIC CONVERTER

40 Conversions & Random Conversion Memory, No Battery Needed.

in – cm	Inch – Centimeter	ft³ – m³	Cubic foot – Cubic meter
in² – cm²	Square inch – Square centimeter	acre – ha	Acre – Hectare
ft – m	Foot – Meter	fl. oz – m ℓ	U.S. fluid ounce – Milliliter
ft² – m²	Square foot – Square meter	oz – g	Ounce – Gram
yd – m	Yard – Meter	gal – ℓ	U.S. gallon – Liter
yd² – m²	Square yard – Square meter	lb – kg	Pound – Kilogram
mile – km	Mile – Kilometer	UK fl. oz – m ℓ	Imperial fluid ounce – Milliliter
mile² – km²	Square mile – Square kilometer	UK ton – kg	UK ton – Kilogram
in³ – cm³	Cubic inch – Cubic centimeter	UK gal – ℓ	Imperial gallon – Liter
acre – m²	Acre – Square meter	°F – °C	Fahrenheit – Centigrade

MC-801S

LC-403E

LC-1000

12 Digits & Full Decimal System

LC-1210

CARD TYPE

SL-760A
GD(GOLD)

LEAF KEY PANEL

Magic Touch Leaf Keys — Flat Panel Glides Fingers over Extra-size Keys.

BK(BLACK)

SL-80E
SR(SILVER) · GD(GOLD)

FOLDABLE TYPE

NEW!

SL-100B

SL-110A

SL-120A

BIG SIZE

NS-3

FILM CARD™

Pure & Fashionable Colors!

BKB(BLACK)

SL-760A
BK(BLACK) · GD(GOLD)

New colors for the 90's·

SL-760C
BK(BLACK) · GD(GOLD) · BU(BLUE) · WE(WHITE) · SR(SILVER)

Model	Display	Digits	Simple algebraic logic	Independent memory	GT	%	Profit margin %	☑	+/–	3-digit comma markers	5/4	Cut	Decimal selector	Battery	Battery life (hours)	Dimensions H×W×Dmm	Weight (g)	Others
SL-510	LCD	8	○	○		○	○	○	○					C-power (Solar) (button type ×1)	(−) (3 yrs)	9.6×68×125	48	
SL-1000M	LCD	10	○	○		○	○	○	○	○	○	○	2	C-power (Solar) (lithium ×1)	(−) (7 yrs)	6.8×68×120	49	
SL-2000M	LCD	12	○	○		○	○	○	○	○	○	○	2	C-power (Solar) (lithium ×1)	(−) (7 yrs)	6.8×68×120	49	
SL-310M	LCD	8	○	○		○	○	○	○					C-power (Solar) (lithium ×1)	(−) (7 yrs)	7×66.5×109.5	37	
SL-300J	LCD	8	○	○		○	○	○	○					Solar		6.9×66.5×109.5	34	
SL-807A	LCD	8	○	○		○	○	○	○					Solar		6.9×66.5×109.5	37	
SL-330	LCD	8	○	○		○	○	○	○					Solar		7.5×74.5×123	50	
SL-350	LCD	8	○	○		○	○	○	○					Solar		7×74.5×123	53.5	
LC-403E	LCD	8	○	○		○	○	○	○					LR54×1	7000 (17,500)	6.9×66.5×109.5	37.5	Auto power-off function
LC-1000	LCD	10	○	○		○	○	○	○	○				LR54×2 (SR54×2)	200 (1,100)	6.9×66.5×109.5	46	Auto power-off function
LC-1210	LCD	12	○	○		○	○	○	○	○	○	○	2	LR54×2 (SR54×2)	280 (1,140)	5.9×68×118	68	
SL-100B	LCD	8	○	○		○	○	○	○					Solar		ⓤ14.5×123×77.5 / ⓕ7.5×123×155	88	

LR54=LR1130/G-10   SR54=SR1130   ⓕ Folded   ⓤ Unfolded

| Model	Display	Digits	Simple algebraic logic	Independent memory	GT	%	Profit margin %	☑	+/–	3-digit comma markers	5/4	Cut	Decimal selector	ADD mode	Battery	Dimensions H×W×Dmm	Weight (g)	Others
SL-110A	LCD	10	○	○	○	○	○	○	○	○	○	○			Solar	ⓕ13.2×123×73.5 / ⓤ7×123×151	88	
SL-120A	LCD	12	○	○	○	○	○	○	○	○	○	○			Solar	ⓕ13.2×123×73.5 / ⓤ7×123×151	88	
NS-3	LCD	12	○	○	○	○	○	○	○	○	○	○	0–4	○	Solar	11×83×144	101	
US-10	LCD	10	○	○	○	○	○	○	○	○	○	○	2		Solar	10.3×80.5×138.5	84.5	
US-20	LCD	12	○	○	○	○	○	○	○	○	○	○	2		Solar	10.3×80.5×138.5	84.5	
MC-801S	LCD	8	○	○											Solar	7×61.5×107.5	44	•40 conversion functions (20 metrics, 20 reversible) including length, weights, areas, volumes and temperatures. •Random conversion memory for any conversions such as currencies...
SL-80E	LCD	8	○	○		○	○	○	○						Solar	ⓕ7.7×98×60 / ⓤ5.2×197×60	40	
SL-760A SL-760C	LCD	8	○	○		○	○	○	○						Solar	2.9×85.5×54	14	

ⓕ Folded   ⓤ Unfolded

CURRENCY CONVERTER
10 Memories for International Currency Conversions

CV-700

STANDARD TYPE
Practical Card Shape
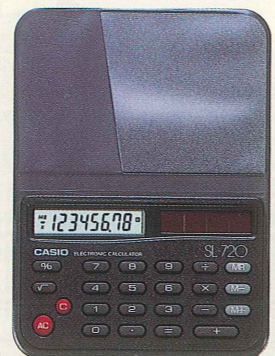
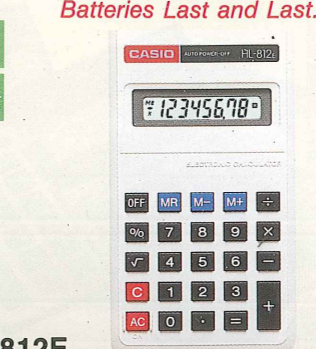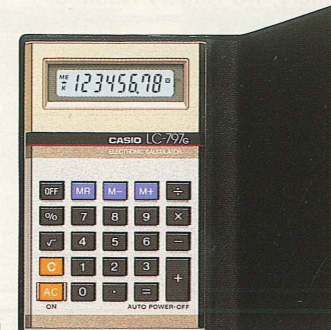**SL-720** — BK(BLACK), WE(WHITE)
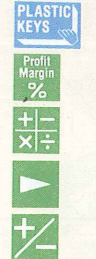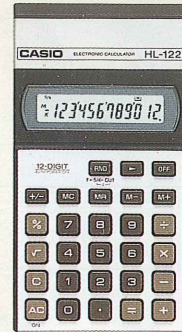
A Beautiful Gold-colored Metallic Body!

LC-787G

A Beautiful Gold-colored Metallic Body!

LC-797G

MELODY
3 Pleasant Melodies

ML-733

HANDY TYPE

WITH GAME
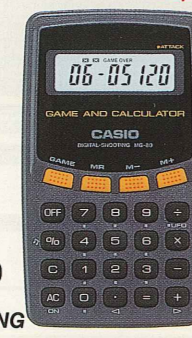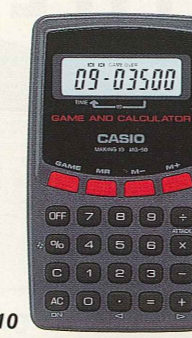Handsome Designed Calculators with Large, Easy-to-read Display and Built-in Digital Games

MG-80 DIGITAL SHOOTING

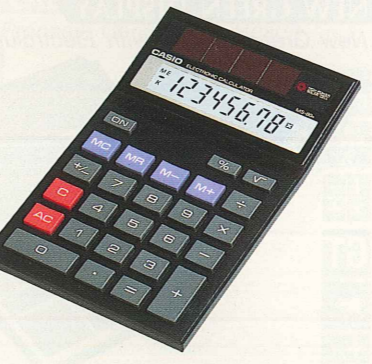**MG-90** MAKING 10

STANDARD TYPE

HS-8G

HS-9 — Eye-angle Design

Eye-angle Design

HS-90 — BK(BLACK)

Batteries Last and Last.

HL-812E

Full Decimal System

HL-122

COMPACT DESK TYPE

MINI DESK TYPE

MS-8A — WE(WHITE)

MS-9BK

MS-80A

MS-100A

MS-120A

MS-140A — NEW!

Superior Key Touch and Fashionable yet Functional New Designs — NEW!

JN-10

JN-20

JN-40
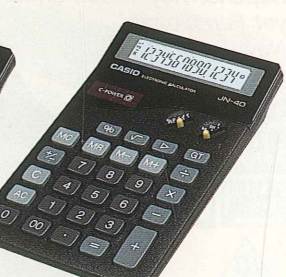
JS-10M

JS-20M — NEW!

Model	Display	Digits	Simple algebraic logic	Independent memory	%	Profit margin %	☑	+/−	Battery	Battery life (hours)	Dimensions H×W×Dmm	Weight (g)	Others
CV-700	LCD	8	○	○	○	○	○	○	CR2016×1	430	4×85.5×54.5	30	•10 nonvolatile currency conversion memories •Storage/recall of 10 sets of conversion rates, currency conversions •Input characters: 3 each for currency #1 and currency #2, 8 digits for rate
SL-720	LCD	8	○	○	○	○	○	○	Solar		6×98×62	29	
LC-787G	LCD	8	○	○	○	○	○	○	LR54×2 (SR54×2)	7,000 (17,500)	6.2×91.5×57.5	27	Auto power-off function
LC-797G	LCD	8	○	○	○	○	○	○	LR54×1 (SR54×1)	7,000 (17,500)	6.2×57.5×91.5	28	Auto power-off function
ML-733	LCD	8	○	○	○	○	○	○	LR54×2 (SR54×2)	300 (1,400)	5.4×55×91	41	11-note melody maker with three preprogrammed tunes.
MG-80	LCD	8	○	○	○	○	○	○	LR44×2 (SR44×2)	1,100 (2,800)	10.5×73×124.8	65.8	Game function — Digital Shooting, Auto power-off function
MG-90	LCD	8	○	○	○	○	○	○	LR44×2 (SR44×2)	800 (2,000)	10.5×73×124.8	65.8	Game function — Making 10, Auto power-off function
HS-8G	LCD	8	○	○	○	○	○	○	Solar		14×66.5×116	40	
HS-9	LCD	8	○	○	○	○	○	○	Solar		17.7×71.5×119	49	

LR54=LR1130/G-10   SR54=SR1130

Model	Display	Digits	Simple algebraic logic	Independent memory	GT	%	Profit margin %	☑	+/−	▶	3-digit comma markers	5/4	Cut	Decimal selector	ADD mode	Battery	Battery life (hours)	Dimensions H×W×Dmm	Weight (g)
HS-90	LCD	8	○			○	○	○	○								Solar		17×63×130	51
HL-812E	LCD	8	○	○		○	○	○	○								UM-3×1 or R6P×1	17,500	18.5×70.5×126	64
HL-122	LCD	12	○	○		○	○	○	○						2		UM-3×2 (R6P×2)	8,500 (16,000)	19×76×142	125
MS-8A	LCD	8	○	○		○	○	○	○								Solar		25.5×107×123	86.3
MS-9BK	LCD	8	○	○		○	○	○	○								Solar		21×103×127	71
MS-80A	LCD	8	○	○		○	○	○	○								Solar		25×90.4×143.5	91
MS-100A	LCD	10	○	○	○	○	○	○	○	○	○	○	○	○	2		C-power (Solar) (lithium×1)	(−) (7 yrs)	25×90.4×143.5	93
MS-120A	LCD	12	○	○	○	○	○	○	○	○	○	○	○	○	2		C-power (Solar) (lithium×1)	(−) (7 yrs)	25×90.4×143.5	93
MS-140A	LCD	14	○	○	○	○	○	○	○	○	○	○	○	○	2		C-power (Solar) (lithium×1)	(−) (7 yrs)	25×90.4×143.5	93
JN-10	LCD	10	○	○	○	○	○	○	○	○	○	○	○	○	0–4	○	C-power (Solar) (lithium×1)	(−) (7 yrs)	25.5×107.9×171.5	135
JN-20	LCD	12	○	○	○	○	○	○	○	○	○	○	○	○	0–4	○	C-power (Solar) (lithium×1)	(−) (7 yrs)	25.5×107.9×171.5	135
JN-40	LCD	14	○	○	○	○	○	○	○	○	○	○	○	○	0–4	○	C-power (Solar) (lithium×1)	(−) (7 yrs)	25.5×107.9×171.5	135
JS-10M	LCD	10	○	○	○	○	○	○	○	○	○	○	○	○	0–4	○	C-power (Solar) (lithium×1)	(−) (7 yrs)	23×102×165	182
JS-20M	LCD	12	○	○	○	○	○	○	○	○	○	○	○	○	0–4	○	C-power (Solar) (lithium×1)	(−) (7 yrs)	23×102×165	182

R6P=SUM-3

STANDARD TYPE

NEW!

J-100W — 10 DIGITS

J-120W — 12 DIGITS

JS-110 — 10 DIGITS

4-Level Adjustable Tilt Display

JS-120 — 12 DIGITS

JS-140 — 14 DIGITS

Superior Key Touch and Fashionable yet Functional New Designs **NEW!**

DN-40 — 14 DIGITS

DS-8E

SUPER SOLAR

DS-10E — 10 DIGITS

DS-20E — 12 DIGITS

Adding Machine for Quick Accumulation

JS-25 — 12 DIGITS

JL-210 — 12 DIGITS

GREEN DISPLAY

J-20

J-30C — 12 DIGITS

Big & Bright Display & Keys

DS-1B — 10 DIGITS

DS-2B

14 Digits on a BIG Display, BIG Keys for Quick and Easy Operation! **NEW!**

DS-3 — 14 DIGITS

Adding Machine for Quick Accumulation

DS-120 — 12 DIGITS

SPLASH RESISTANT

Splash Resistant Design Keeps You Calculating under Any Work Environment

WJ-10 — 10 DIGITS

WJ-20 — 12 DIGITS

PROCESS CAL.

Check the Process, Confirm the Result

MJ-20 — 12 DIGITS

NEW GREEN DISPLAY

New Green Display with Electroluminescent Backlight

JE-2 — 12 DIGITS

JE-3 — 12 DIGITS

PROCESS CAL.

Check the Process, Confirm the Result

SJ-20 — 12 DIGITS

GREEN DISPLAY

Easy-to-read Green Display

S-1 — 10 DIGITS

S-2 — 12 DIGITS

GIANT GREEN DISPLAY

S-20L — 12 DIGITS

DESK-TOP TYPE

STANDARD TYPE

Superior Key Touch and Fashionable yet Functional New Designs **NEW!**

DN-10 — 10 DIGITS

Superior Key Touch and Fashionable yet Functional New Designs **NEW!**

DN-20 — 12 DIGITS

Adding Machine for Quick Accumulation

FN-20 — 12 DIGITS

Adding Machines for Quick Accumulation

FD-20 — 12 DIGITS

FD-30 — 15 DIGITS

Model	Display	Digits	Simple algebraic logic	Adding machine	Independent memory	GT	%	Profit margin %	☑	+/−	☐	3-digit comma markers	5/4	Cut	Up	Decimal selector	ADD mode	Battery	Battery life (hours)	AC adaptor	Dimensions H × W × Dmm	Weight (g)	Others
J-100W	LCD	10	○		○	○	○	○	○	○		○	○	○	○	0–4		C-power (Solar) (lithium × 1)	(—) (7 yrs)		21 × 103 × 163	123	
J-120W	LCD	12	○		○	○	○	○	○	○		○	○	○	○	0–4		C-power (Solar) (lithium × 1)	(—) (7 yrs)		21 × 103 × 163	123	
JS-110	LCD	10	○		○	○	○	○	○	○		○	○	○	○	0–4		C-power (Solar) (lithium × 1)	(—) (7 yrs)		25 × 102 × 173	184	4-level adjustable tilt display
JS-120	LCD	12	○		○	○	○	○	○	○		○	○	○	○	0–4		C-power (Solar) (lithium × 1)	(—) (7 yrs)		25 × 102 × 173	184	4-level adjustable tilt display
JS-140	LCD	14	○		○	○	○	○	○	○		○	○	○	○	0–4		C-power (Solar) (lithium × 1)	(—) (7 yrs)		25 × 102 × 173	184	4-level adjustable tilt display
JS-25	LCD	12	○		○	○	○	○	○	○		○	○	○	○	0–4		Solar			23 × 102 × 165	180	
JL-210	LCD	12	○		○	○	○	○	○	○		○	○	○	○	0–4		UM-3 × 2 (R6P × 2)	6,500 (11,000)		25.5 × 102 × 165	209	
J-20	Digitron	12	○		○	○	○	○	○	○		○	○	○	○	0–4		AA × 2		AD-2S	33 × 102 × 165	232	▣
J-30C	Digitron	12	○		○	○	○	○	○	○		○	○	○	○	0–4		AA × 2		AD-2S	33 × 102 × 165	237	▣
WJ-10	LCD	10	○		○	○	○	○	○	○		○	○	○	○	2		Solar			27 × 109 × 146	114	Protected against splashing water
WJ-20	LCD	12	○		○	○	○	○	○	○		○	○	○	○	2		Solar			27 × 109 × 146	114	Protected against splashing water
MJ-20	LCD	10	○		○	○	○	○	○	○		○	○	○	○	0–6		LR44 × 2 (SR44 × 2)	160 (820)		35 × 106 × 147	112	Triple display for confirmation or correction of calculation formulas.
JE-2	New Green	10	○		○	○	○	○	○	○		○	○	○	○	2		AA × 2		AD-2S	29 × 109 × 145	160	▣
JE-3	New Green	12	○		○	○	○	○	○	○		○	○	○	○	2		AA × 2		AD-2S	29 × 109 × 145	160	▣
DN-10	LCD	10	○		○	○	○	○	○	○		○	○	○	○	0–4		C-power (Solar) (lithium × 1)	(—) (7 yrs)		40 × 140 × 190	283	

Model	Display	Digits	Simple algebraic logic	Adding machine	Independent memory	GT	%	Profit margin %	☑	+/−	☐	3-digit comma markers	5/4	Cut	Up	Decimal selector	ADD mode	Battery	Battery life (hours)	AC only	Dimensions H × W × Dmm	Weight (g)	Others
DN-20	LCD	12	○		○	○	○	○	○	○		○	○	○	○	0–4		C-power (Solar) (lithium × 1)	(—) (7 yrs)		40 × 140 × 190	283	
DN-40	LCD	14	○		○	○	○	○	○	○		○	○	○	○	0–4		C-power (Solar) (lithium × 1)	(—) (7 yrs)		40 × 140 × 190	283	
DS-8E	LCD	8	○		○	○	○	○	○	○		○	○	○	○			Solar			32 × 135 × 175	190	
DS-10E	LCD	10	○		○	○	○	○	○	○		○	○	○	○	0–4		Solar			32 × 135 × 175	195	
DS-20E	LCD	12	○		○	○	○	○	○	○		○	○	○	○	0–4		Solar			32 × 135 × 175	195	
DS-1B	LCD	10	○		○	○	○	○	○	○		○	○	○	○	0–4		Solar			37 × 142 × 194	354	
DS-2B	LCD	12	○		○	○	○	○	○	○		○	○	○	○	0–4		Solar			37 × 142 × 194	354	
DS-3	LCD	14	○		○	○	○	○	○	○		○	○	○	○	0–4		Solar			37 × 142 × 194	354	
DS-120	LCD	12	○	○		○	○	○	○	○		○	○	○	○	0–6		Solar			45 × 185 × 188.5	508	Item counter
SJ-20	LCD	12	○		○	○	○	○	○	○		○	○	○	○	0–6		UM-3 × 3 or R6P × 3	1,000		42 × 135 × 182	306	•Triple display for confirmation or correction of calculation formulas •Auto power-off function
S-1	Digitron	10	○		○	○	○	○	○	○		○	○	○	○	0–6		AA × 4		AD-4145	45 × 133 × 170.5	357	▣
S-2	Digitron	12	○		○	○	○	○	○	○		○	○	○	○	0–6		AA × 4		AD-4145	45 × 133 × 170.5	360	▣
S-20L	New Green	12	○		○	○	○	○	○	○		○	○	○	○	0–6		D × 2		AD-4150	41.5 × 159.5 × 200.5	520	▣
FN-20	LCD	12	○		○	○	○	○	○	○		○	○	○	○	0–6		D × 2		AD-4160	75 × 197 × 243	932	Item counter
FD-20	Digitron	12	○	○		2		○				○	○	○	○	0–8					75 × 213 × 261	1.3 kg	Item counter
FD-30	Digitron	15	○	○		2		○				○	○	○	○	0–8					75 × 213 × 261	1.3 kg	Item counter

R6P=SUM-3

LR54=LR1130/G-10   SR54=SR1130   R6P=SUM-3

GAME

Lovable little characters for the youngsters. Realistic thrills and spills with the Exciting Sound Effects Series. Double the fun with the 2-player games. A choice of thrills and adventure from the Casio Exciting Game Series!
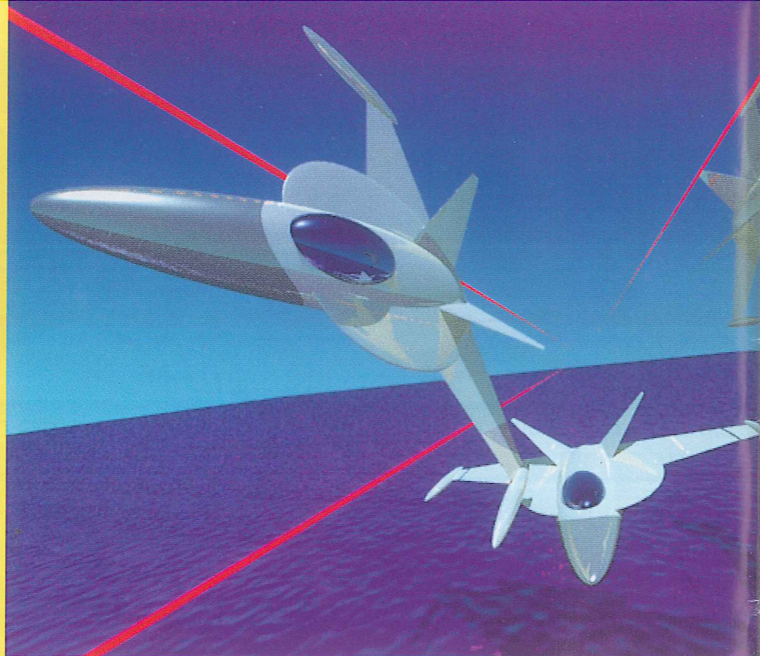
Sound Effects
A variety of interesting sounds make game playing more fun than ever before.

2-Player Games
It's player against player or player against computer in one-on-one electronic combat.

Exciting Sound Effects
Shots ring out realistically! Missiles whoosh through the air! Pleasant melodies announce the start of the game! Casio original Exciting Sound Effects add more realism and excitement.

Realistic, exciting sound effects!

WESTERN BAR
CG-300

Feel the excitement as everyone waits to see what happens to the old drunken sheriff. Join the showdown at the Silver Dollar Saloon.

SUBMARINE BATTLE
CG-330

Be the commander of one of the most powerful submarines on the face of the earth. Engage the enemy in an exciting naval battle.

HELI-BATTLE
CG-370

Pilot a super attack helicopter in an all-out dog fight to the finish. Use your missiles and bombs to destroy airborne enemy choppers and bunkers on the ground below.

KUNG-FU FIGHT
CG-310A

NEW
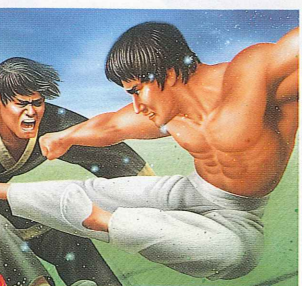
Kick, punch, dodge, and whirl as you fight off the hordes of attackers in the field. Numtjak sticks go whistling through the air as you unleash your non-stop attack of kicks and punches. Test your skills and see who is the real kung-fu kid in your neighborhood!

BATTLE FIELD
CG-440

NEW

The mood is tense as you lead your convoy of tanks through enemy territory. The road is peppered with mines and there are still pockets of enemy troops to mop up. Suddenly shells scream through the air as the battle starts! Be the commander and lead your tanks on to a stunning victory!
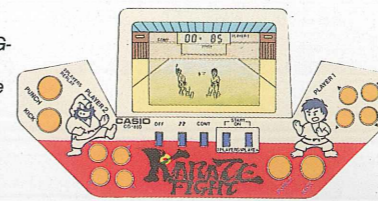
●**POWER SOURCE:** Two AA-size manganese dry batteries ●**DIMENSIONS:** 29mm(H)×135mm(W)×85mm(D) ●**WEIGHT:** 152g~158g including batteries.

Double your fun with 2-PLAYER GAMES!

KARATE FIGHT
CG-610

The old master from KWANG-CHI speaks well of your skills. It is now time for the ultimate test of your skill. Prove your worth and become the young master of the art.
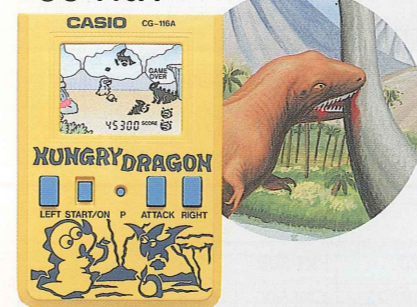
●**POWER SOURCE:** Three alkaline-manganese batteries (Type: LR44) Three silver-oxide batteries (Type: SR44 (G-13). UCC357, 10L14, RW-22 or RW-42)
●**DIMENSIONS:** 22mm(H)×190mm(W)×101mm(D) ●**WEIGHT:** 125g including batteries.

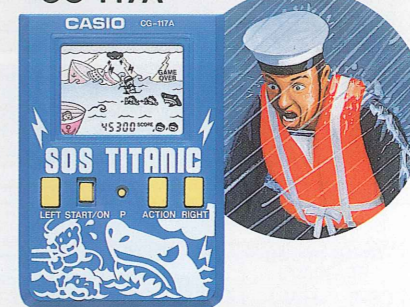## Plus a host of other challenging GAMES!

HUNGRY DRAGON
CG-116A

A cute little dragon goes out for a snack of its favorite fruit. But look out! Danger lurks everywhere!

SOS TITANIC
CG-117A

SOS! SOS! You are the only one that can help to avoid disaster as you save passengers from the raging seas.

FUNNY WAITER
CG-118A

Hot pizzas are flyin' from the kitchen and you're the busy waiter who has to catch them, Keep the customer satisfied and you score!

SPACE RESCUE
CG-126

It's an S.O.S. from your comrades on a planet below! You've got to get to the planet's surface and save them, but watch out for alien creatures that lurk in every crater!

JUMPING FROG
CG-127

He's a happy-go-lucky frog just looking for a few bugs to snack on—but the waters are infested with frog-eating killer fish, and a pestering salamander likes to throw rocks! Help the hoppin' froggy catch his dinner and you score points!

LOVELY ANGEL
CG-128

Cupid's in love with a lovely young maiden. Help him catch her heart as it flies past and her love letters tied to balloons—but be careful, a wicked witch and her cronies are against you! Cupid's heart is on the line, so help him flap his wings and win the maiden's hand!

CROCODILE PANIC
CG-129

You're a lifeguard training youngsters to swim at the local swimmin' hole. But the river's infested with vicious, man-eating crocodiles! Swim into position and knock some sense into those snappers with your club.

RABBIT FARM
CG-130A
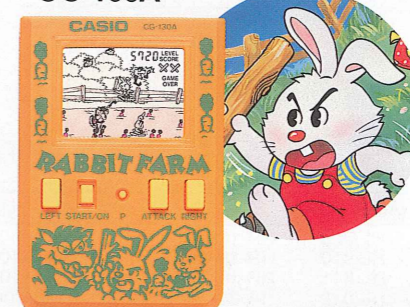
You're a happy-go-lucky rabbit who's just trying to make a living by growing carrots. But the woods are full of hungry wolves who want to have you over for lunch—as the main course! Hit attacking wolves with your club and you score.

CASTLE ADVENTURE
CG-131

Dracula and his vampire buddies are on the prowl, and they'd just love to do a little "necking" with your favorite princess! Chivalry to the rescue! You're armed with a sword, so move into position and destroy the fiendish bloodsuckers!

●**POWER SOURCE:** Two alkaline-manganese batteries (Type: LR44). Two silver-oxide batteries (Type: SR44 (G-13). UCC357, 10L14, RW-22 or RW-42)
●**DIMENSIONS:** 11.8mm(H)×58mm(W)×83mm(D) ●**WEIGHT:** 40g~44g including batteries.

ACCESSORIES AND OPTIONS

Legend: ▣ Standard accessory (included) ▣ Production terminated ▣ Commercially available (no Casio brand available) ▣ Optionally available

PAPER

Model	CMP-36	TRP-16	TRP-16A	TRP-26	TRP-112	TRP-55	TSP-100	PRP-25A	PRP-24	PRP-70	PRP-216
Applicable model	FP-10 HR-10	FA-20 FP-12S FX-802P PB-300	FR-12S FP-12T	FX-801P HR-5	FP-40	CW-20 CW-25	CW-10 CW-16 CW-20 CW-25	HR-1 HR-7 SR-1	FA-10 FA-11	FA-10 FA-11 FP-1011PL	FP-100

Model	P3 (38mmW)	45mmW	P1 (58mmW)									69mmW
Applicable Model	FR-90 HR-7 SR-1 SR-5	HR-11 HR-14	DR-models except DR-8620 FR-95 FR-120 FR-1011S FR-2215C HR-8 HR-16BK HR-100T HR-200 FR-101 FR-120S FR-1211 FR-2215S HR-16ABK HR-110 JR-150 FR-101S FR-121 FR-1211S FR-2500 HR-8A HR-110S JR-250 FR-105 FR-122 FR-1015 FR-2600 HR-9 HR-18 HR-410 FR-105S FR-125 FR-1015S FR-3100 HR9-BK HR-21 JR-510 FR-110 FR-125S FR-1215 FR-3200 HR-100 HR-22ABK JR-150 FR-110S FR-1011 FR-1215S FR-3400 HR-16 HR-100S HR-120T MR-200 HR-121										DR-8620

INK ROLL

Model	IR-2	IR-4	IR-40							
Applicable model	HR-11	HR-1	FR-90 FR-101S FR-121 FR-1015S FR-2500 HR-15 HR-16ABK HR-100S HR-200 FR-95 FR-105 FR-122 FR-1215 HR-7 HR-16 HR-22ABK HR-100T SR-1 FR-101 FR-105S FR-1215S HR-8 HR-16BK HR-100 HR-121							

Model	IR-40T			IR-50P	IR-61	IR-72		IR-80	IR-800P
Applicable model	FR-107 FR-125 FR-2600 HR-110T FR-110 FR-125S FR-18 HR-120S FR-110S FR-127 FR-21 HR-120T FR-120 FR-2215C FR-110 FR-120S FR-2215S HR-110S			HR-8A HR8A-BK HR-9 HR9-BK SR-5	MR-100 MR-200	FR-1011 JR-250 FR-1011S JR-410 FR-1211 JR-510 FR-1211S FR-150		FR-100 HR-12	FR-3100 FR-3200 FR-3400

INK RIBBON

Model	GB-02 (Black/Green)	RB-02 (Black/Red)	IR-10	IR-16 (BK/BU RD/GD/SR)	IR-20 (C/GE)	IR-M20	IR-50E	IR-60	IR-400 (BK/BU/RD)
Applicable model	All DR-models	All DR-models	CW-10	CP-8 CP-9	HW-1	CW-16 CW-25 CW-20 CW-700	CW-16 CW-25 CW-20 CW-700	CW-500	CW-600	CP-100

REWINDER

Model	RW-20
Applicable model	IR-M20

CORRECTION TAPE

Model	LT-50	LT-60
Applicable model	CW-500	CW-600

BALL POINT PEN

Model	BP-1		BP-2	
Applicable model	FA-10 FA-11	FA-10 FP-1011PL	FA-11	FP-100 FP-1011PL

SILVER OXIDE BATTERY/ALKALINE-MANGANESE BATTERY

Model	LR44/G-13			LR54/LR1130/G-10				LR1120 SR1120	SR1116
Applicable model	AQ-1700B fx-570CV ML-88 fx-250 JJ-10 N-1 fx-350A JJ-20 N-2 fx-350C JV-10 N-3 fx-350D MJ-8 RC-1200 fx-550S MJ-10 fx-570C MJ-20			AQ-4000 LC-798 LC-403B fx-68 LC-110 LC-403C fx-78 LC-311 LC-403E fx-570A LC-311C LC-787E fx-570AD LC-311E LC-787C fx-570AV LC-402 LC-788B fx-570CD LC-403 LC-797G			LC-798 ML-88 LC-798C ML-75 LC-798G ML-733 LC-910 ML-833 LC-1000 TR-6000 LC-1023B LC-1210		LC-787 LC-796 LC-787C LC-797 LC-788 LC-852 LC-789 LC-797C MC-34	M-812

LITHIUM BATTERY

Model	CR2016			CR2032					
Applicable model	BF-80 DC-750 DC-900 RC-8 BF-100 DC-750A DC-950 RM-21B CB-700 DC-750C DC-760 ST-300 CV-700 DC-760 ES-100 UC-700 DC-100 DC-800 ES-630 DC-150A DC-810 FM-300 DC-500 DC-810A FM-900 DC-600 DC-830 RC-2 DC-700 DC-850 RC-4			BC-300 fx-5000F fx-7200G FX-720PF FX-850P PB-300 SF-3000 FC-200 fx-5200P fx-8000G FX-730P FX-880P PB-410F SF-7600SP fx-190 fx-5400P fx-8500G FX-750PF PB-80 PB-2000C SF-9000 fx-580 fx-5500 FX-601P FX-770P PB-100 PD-300 fx-1000F fx-5500L FX-602P FX-785P PB-100F PD-310 fx-3900P fx-6000G FX-603P FX-790P PB-110 PF-3000 fx-4000P fx-6500G FX-700P FX-795P PB-120 PF-3100 fx-4100P fx-702P FX-702P FX-820P PB-220 PF-3200 fx-4200P fx-7000GA FX-710P PF-8000							

Model	CR2025			CR1216	CR1220		
Applicable model	AQ-3000 DC-3000 fx-570 JL-250 PW-150 SF-4000 SF-9000 BF-100 FC-100 fx-590 ML-78 QD-60 SF-4100 SF-9500 CB-80 FC-1000 fx-3600P PF-7000 QD-100 SF-4500 TA-1000 CB-100 fx-210 fx-3800P PW-61 QD-150 SF-7000 DC-150A fx-350 fx-4500P PW-70 QD-350 SF-7500 DC-160 fx-370 fx-7500G PW-72 QD-700 SF-7600SP DC-1000 fx-550 JL-150 PW-100 SF-3500 SF-8000			DC-850	BC-300 FX-850P PF-3000 DC-1000 IF-8000 PF-3100 FX-730P PB-220 PF-3200 FX-770P PB-700 PF-7000 FX-785P PB-770 PF-8000 FX-790P PD-300 QD-700 FX-795P PD-310 SF-3000		

DRY BATTERY

Model	AM-3 (UM-3)						AM-4 (UM-4)	SUM-1	UM-5
Applicable model	FA-2 FR-105 fx-39 fx-120 HL-809 HR-16BK HR-121 JR-250 S-1 FA-3 FR-105S fx-82 fx-135 HL-810 HR-16ABK J-1 JR-410 S-2 FA-4 FR-107 fx-82A fx-140 HL-811 HR-18 J-2 JR-510 SJ-10 FA-6 FR-110 fx-82B fx-180P HL-812 HR-21 J-3 MD-100 SJ-20 FA-7 FR-110S fx-82C fx-200P HL-812E HR-22ABK J-10 MP-500 SR-1 FA-80 FR-120 fx-82D FX-801P HR-100 HR-8 J-20 MQ-200 SR-5 FA-100 FR-120S fx-100 H-1 HR-100A HR-8A J-30C MR-100 VL-1 FP-10 FR-121 fx-100A H-2 HR-100B HR8A-BK JE-2 MR-200 FP-200 FR-122 fx-100B H-3 HR-100S HR-110 JE-3 PB-700 FR-90 FR-125 fx-100C HR-9 HR-110S HL-130 PB-1000 FR-95 FR-125S fx-100D HL-101 HR9-BK HR-110T JL-210 FR-101 FR-127 fx-100V HL-802 HR-15 HR-120S JL-820 FR-101S fx-7 fx-107 HL-805 HR-16 HR-120T JR-150 PT-20 PM-1						TR-100	CW-10 CW-16 CW-20 CW-25 F-1 F-2 FN-10 FN-20 S-20L	OH-7000G

AC ADAPTOR

Model	AD-1	AD-2S	AD-4145	AD-4150					
Applicable model	FA-4 FX-801P	fx-135 J-20 H-1 J-30C H-2 JE-2 H-3 JE-3 J-1 PM-1 J-2 J-3 J-10	fx-39 FA-80 FR-107 FR-125S HR9-BK HR-100 HR-121 S-20L fx-120 FP-10 FR-110 FR-127 HR-15 HR-100S HR-200 SR-1 fx-140 FR-90 FR-110S HR-1 HR-16 HR-100T JR-150 FR-95 FR-120 HR-8 HR-16BK HR-110 JR-250 S-1 FR-101 FR-120S HR-8A HR-16ABK HR-110S JR-410 S-2 FR-101S FR-121 HR8A-BK HR-17 HR-110T JR-510 SR-5 FR-105 FR-122 HR-9 HR-21 HR-120S MR-100 FR-105S FR-125 HR-22ABK HR-120T MR-200						

Model	AD-4160	AD-4170	AD-4175	AD-4180	AD-4845	AD-4890	AD-4898	AD-5480
Applicable model	F-1 FN-20 F-2 PT-20 FN-10 VL-1	HR-5	FA-7 MD-100 MX-15	PB-2000C FP-200	CW-10 CW-25 CW-16 FA-6	CW-500	FP-100	FA-10 FA-11

BATTERY CHARGER

Model	CHA-1	CHA-2	CHA-4HC	CHA-8HC
Applicable model	FA-20 FP-12S FX-802P	FX-820P PB-300	FP-40 HW-1	CP-100	CP-8 CP-9

RECHARGEABLE BATTERY

Model	NP-2M	NP-4M	NP-104	NP-513	NP-612
Applicable model	fx-39 fx-120 fx-140	FP-10 HR-10 HR-12	CW-10 CW-20 CW-25	CW-500	CP-8 CP-9

PRINTER CABLE

Model	SB-2	SB-41	SB-42	SB-43	SB-51	PK-7
Connection	FP-12S and FX-770P FX-785P FX-790P PB-220 PD-300	FP-40 and PB-700 PB-770 PD-310	FP-40 and FX-700P FX-785P PB-220 FX-710P FX-790P PB-410F FX-730P PB-100 PD-300 FX-770P PB-100F PD-310	FP-40 and PK-7 SB-51	FP-100 and FA-7 FP-100(W/SB-43) FA-80 and MD-100 FA-6 MSX PRINTER and KB-15	FP-100 and FA-6 FP-40(W/SB-43) and FA-6

CMT CABLE

Model	SB-7B	SB-52
Connection	Tape recorder and FA-6/MX-15	Tape recorder and FA-7

DATA TRANSFER CABLE

Model	SB-60	SB-61
Connection	SF-7000/SF-7500/SF-7600SP SF-8000/SF-9000/SF-9500 } and	SF-7000/SF-7500/SF-7600SP SF-8000/SF-9000/SF-9500 FA-100/CP-9

*SB-60 is not included in SF-9500/SF-7600SP.

RAM TRANSFER CABLE

Model	SB-3
Connection	PD-310 and PD-300

JOY STICK

Model	TJ-7
Applicable Model	MX-15

CARRYING CASE

Model	CC-10
Applicable Model	CW-10

RAM EXPANSION PACK

Model	OR-1 Ⓔ	OR-2	OR-4	OR-8	OR-20	OR-40	OR-216
Applicable Model	fx-5200P PB-80 PB-110 fx-5400P PB-100 FX-700P PB-100F	FX-770P	PB-700	PB-770	BC-300 PF-3100 PF-8000 PF-3000 PF-3200	PF-3100 PF-3200	MX-15

Model	OR-264	RP-8	RP-16	RP-32	RP-33	MP-4	MP-8
Applicable Model	MX-15	FX-730P FX-850P SF-3000 FX-785P PB-220 FX-790P PD-300	SF-3000	SF-3000	PB-1000	FX-850P FX-880P PB-2000C	CW-20 CW-25 CW-700

RAM CARD

Model	RC-2	RC-4	RC-8
Applicable Model	FX-720PF FX-820P FX-750PF	FX-720PF FX-820P FX-750PF PB-410F	FX-750PF

INTERFACE UNIT

Model	FA-2	FA-3	FA-4	FA-5				
Applicable Model	FX-601P FX-602P FX-702P	FX-700P FX-820P FX-710P PB-300 FX-720PF PB-410F FX-730P PB-100F PB-110	PB-700 PB-770	FX-700P FX-770P FX-802P PB-110 FX-710P FX-785P FX-820P PB-220 FX-720PF FX-790P PB-100 PB-300 FX-730P FX-795P PB-100F PB-410F			PD-300 PD-310	

INTERFACE UNIT

Model	FA-6	FA-7	FA-80	FA-100	KB-15
Applicable Model	FX-603P FX-850P FX-880P	PB-1000 PB-2000C	fx-8000G fx-8500G	SF-7000 SF-7500 SF-8000 SF-9000	MX-15

INTERFACE WITH PRINTER

Model	FA-10	FA-11	FA-20
Applicable Model	PB-700 PB-770	PB-700 PB-770	FX-750PF

PRINTER

Model	FP-10	FP-12S/FP-12T	FP-40	FP-100
Applicable Model	FX-601P FX-602P FX-702P	FX-700P PB-100F FX-710P PB-110 FX-720PF fx-603P FX-730P FX-700P FX-770P PD-300 FX-785P PD-310 FX-790P PB-100	fx-8000G FX-785P PB-220 fx-8500G FX-790P PB-410F fx-603P FX-795P PB-700 FX-700P FX-850P PB-770 FX-710P FX-880P PB-1000 FX-720PF PB-100 PB-2000C FX-730P PB-100F PD-300 FX-770P PB-110 PD-310	fx-8000G FX-603P FX-850P FX-880P PB-1000 PB-2000C

DISK SHEET

Model	MF1-DD
Applicable Model	MD-100

FDD

Model	MD-100
Applicable Model	PB-1000 PB-2000C

TYPEWRITER

Casiowriter CW-16

Compact Portability Plus Built-in Powerful Spell Check Function

American keyboard

NEW!

- ●Built-in spell check function (50000-word dictionary, 130-word user dictionary)
- ●Text memories (3734 characters)
- ●Special printing styles & symbols
- ●Decimal tab
- ●Automatic centering, word wrap and carrier return
- ●Right margin flush and justification
- ●Plain or thermal paper printing
- ●Battery or AC operation
- ●55H × 344W × 328mmD, 2.5 kg

*Spanish keyboard and French keyboard also available

■ **OPTIONAL ACCESSORIES**
- ●AC Adaptor (AD-4845)
- ●Ink Ribbon Cassette: IR-20GE (black × 3)/ IR-20C (black/blue/red)

★ THE PROXIMITY/MERRIAM-WEBSTER LINGUIBASE
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Copyright 1984 All Rights Reserved Merriam-Webster Inc.

WE(WHITE)

American keyboard

Casiowriter CW-600A

Daisy Wheel Print Quality, Compact Portability

NEW!
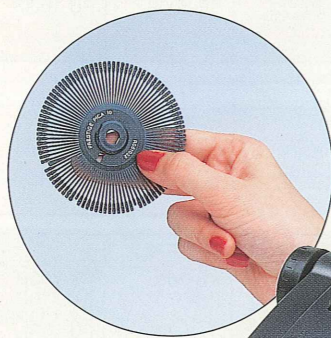
- ●Easy-to-change 100-character daisy wheel (6 kinds of daisy wheel available)
- ●Text memories (50 files, 10,000 characters)
- ●Built-in spelling check function (50,000-word dictionary, 100-word user dictionary)
- ●Four typewriter modes (Normal Print, Line Print, Justified Print, Store)
- ●Full-line correction memory
- ●Pitch selector (10, 12, 15 characters per inch)
- ●Automatic centering
- ●Automatic paragraph indentation
- ●Automatic carrier return
- ●Automatic relocation
- ●Full electronic tab (16 positions resettable)
- ●Decimal tab ●Bold typing ●Underlining
- ●126H × 429W × 358mmD, 5.36 kg

*Spanish keyboard (without spelling check function) also available

■ **STANDARD ACCESSORIES**
- ●PRESTIGE PICA 10 daisy wheel (WL-600A)
- ●Correctable carbon cassette ribbon (IR-60)
- ●Lift-off correction tape (LT-60)
- ●Keyboard cover

■ **OPTIONAL ACCESSORIES**
- ●Daisy wheel
  WL-610A (PRESTIGE ELITE 12)
  WL-620A (MINI GOTHIC 15)
  WL-630A (COURIER 10)
  WL-640A (SCRIPT 12)
  WL-650A (RECTA (CUBIC) 10)
- ●Correctable carbon cassette ribbon (IR-60)
- ●Lift-off correction tape (LT-60)

American keyboard

INDEX OF EACH MODEL