ELECTRONIC CALCULATORS
Casio's Creativity Gets Wider & Wider

Presenting the world's best selling calculators
CASIO
DATA-CAL

NEW GENERATION

Stores and protects private data —
phone numbers, credit card numbers...

DC-100

Stores up to 20 data items (phone numbers, credit card numbers, bank account numbers, important dates...).
Secret function protects private data.
Stored items sorted in alphabetical order.
Latest double-deck display carries 18 characters for clear reference to names and numerals.
9 digits (16-digit approximations), constants for +, -, /, x, %, independent memory, mark-up [0], [1].
Function command signs.
Auto power-off function with memory retention. *400 hours on one lithium battery (CR2016). *7H x 6W x 109mmD, 58g (1/4"H x 2-7/8"W x 4-1/4"D, 1.7oz).

DC-500 CARD TYPE

Stores up to 20 data items (phone numbers, credit card numbers, bank account numbers, important dates...).
Secret function protects private data.
Stored items sorted in alphabetical order.
Latest double-deck display carries 18 characters for clear reference to names and numerals.
9 digits (16-digit approximations), constants for +, -, /, x, %, independent memory, mark-up [0], [1].
Function command signs.
Auto power-off function with memory retention. *430 hours on one lithium battery (CR2016). *6.8H x 85.5W x 54mmD (1/4"H x 3-3/4"W x 2-1/8"D) — Folded. 5H x 85.5W x 109mmD (1/4"H x 3-3/4"W x 4-1/4"D) — Unfolded. 56g (2oz).

DC-600 CARD TYPE

Stores up to 20 data items (phone numbers, credit card numbers, bank account numbers, important dates...).
Secret function protects private data.
Stored items sorted in alphabetical order.
Latest double-deck display carries 18 characters for clear reference to names and numerals.
9 digits (16-digit approximations), constants for +, -, /, x, %, independent memory, mark-up [0], [1].
Function command signs.
Auto power-off function with memory retention. *430 hours on one lithium battery (CR2016). *6H x 91W x 62mmD, 40g (1/4"H x 3-3/4"W x 2-1/8"D, 1.4oz).

DC-700 CARD TYPE

Stores up to 20 data items (phone numbers, credit card numbers, bank account numbers, important dates...).
Secret function protects private data.
Stored items sorted in alphabetical order.
Latest double-deck display carries 18 characters for clear reference to names and numerals.
9 digits (16-digit approximations), constants for +, -, /, x, %, independent memory, mark-up [0], [1].
Function command signs.
Auto power-off function with memory retention. *430 hours on one lithium battery (CR2016). *6H x 91W x 62mmD, 30g (1/4"H x 3-3/4"W x 2-1/8"D, 1.1oz).

C-POWER — The anywhere calculator, that
retains memory in complete darkness.

Super solar cell — Works even by candlelight.
No battery needed.

Casio mark-up [0] means business.
A key gives quick access to prices and profits,
and in addition to mark-ups also delivers add-
ons, discounts, ratios, increase/decrease
values and regular percentages.
OF CALCULATORS

The DATA-CAL:
Your own Personal Directory and Calculator that stores up to 20 numbers.

Telephone number
MARY 201-575-7400

Birthday
SMITH 1963
12-25

Bank account number
BANK 123-456-97890

Passport number
PPNR 1691407

Credit card number
CC 9876 9880
29209755

CURRENCY CONVERTER

10 Memories for International Currency Conversions

CV-700

- 10 nonvolatile currency conversion memories
- Storage/recall of 10 sets of conversion rates, currency
- Conversions Input characters: 5 for currency # and currency #2.
- 8 digits (16-digit approximations), constants for
- + / - / X / +, independent memory, mark-up ($), %,
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD
- Mode. Auto power-off function with memory retention.
- Function command signs. *430 hours on one lithium
- battery (CR2016). *4H x 85.5W x 54.5mmD, 30 g
- (14H x 3.45W x 2.11D, 1.11 oz).

FINANCE MANAGER

Everyone’s Answer to Finance Management

CB-700

- 14 nonvolatile memories for bank (4) and credit card
- (10) balance management. Current balance manage-
- ment with bank/credit card grand totals. Credit card amount
- totals. Totals between credit amount and specified bank
- Secret function. 8-digit calculator. Function command
- signs. Full decimal system. Floating, fixed (2) with
- round-off or cut-off, and ADD mode. Auto power-off
- function with memory retention. *430 hours on one lithium
- battery (CR2016). *4H x 85.5W x 54.5mmD, 30 g
- (14H x 3.45W x 2.11D, 1.11 oz).

Combined with the independent memory, the GT memory (grand total memory) eases horizontal/vertical totalling.

Quick corrections of mis-entries with the move-back shift key (≡).

DATA BANK can hold private memoranda such as names and telephone numbers, addresses, dates, etc.
The DATA BANK combined with BASIC provides an expansive range of duties.

Pleasant 11-note melody maker with preset melodies.

Melody alarm plays at the preset time.
**BATTERY TYPE**

**LC-788**
- 8 digits (10-digit approximations), constants for +/−/×/÷, independent memory, mark-up [%], [±].
- Function command signs.
- Auto power-off function. 240 hours on two LR1120 batteries (700 hours on type SR1120 (G-8)).
- 15.8H × 91.6W × 57.5mmD. 31 g (7/8″H × 3⅛″W × 2⅝″D, 1.1 oz).

**LC-787C**
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [%], [±].
- Function command signs.
- Auto power-off function. 240 hours on two LR1120 batteries (700 hours on type SR1120 (G-8)).
- 15.8H × 91.6W × 57.5mmD. 32 g (7/8″H × 3⅛″W × 2⅝″D, 1.1 oz).

**LC-798**
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [%], [±].
- Function command signs.
- Auto power-off function. 370 hours on two LR1130 batteries (1,000 hours on type SR1130 (G-10)).
- 16H × 67.9W × 91.5mmD. 26 g (1⅛″H × 2⅜″W × 3⅛″D, 1 oz).

**LC-797**
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [%], [±].
- Function command signs.
- Auto power-off function. 240 hours on two LR1120 batteries (700 hours on type SR1120 (G-8)).
- 15.8H × 91.5W × 91.5mmD. 32 g (7/8″H × 3⅛″W × 3⅛″D, 1.1 oz).

**ML-733**
- 11-note melody maker with three pre-programmed tunes.
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [%], [±].
- Function command signs.
- Auto power-off function with memory retention. 300 hours on two LR1130 batteries.
- 1,400 hours on type SR1130 (G-13). In the "CAL" mode, 6.4H × 50W × 91mmD. 41 g (25/32″H × 2⅜″W × 3⅛″D, 1.4 oz).

**LC-110**
- 10 digits (20-digit approximations), constants for +/−/×/÷, independent memory, mark-up [%], [±].
- Function command signs.
- Auto power-off function with memory retention. 1,300 hours on two LR1130 batteries.
- 9H × 91W × 59mmD. 42 g (7/8″H × 3⅛″W × 2⅜″D, 1.5 oz).

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**WALLET TYPE**

**SL-300G**
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [%], [±].
- Function command signs.
- Double-size [±] key. Amorphous silicon solar battery. 8.6H × 55.5W × 109.9mmD. 36.8 g (3/4″H × 2⅜″W × 4⅝″D, 1.3 oz).

**SL-805B**
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [%], [±].
- Function command signs.
- Double-size [±] key. Amorphous silicon solar battery. 8.6H × 66.5W × 109.5mmD. 41 g (1⅛″H × 2½″W × 4¼″D, 1.4 oz).

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**SOLAR POWER**

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**The Spirit of Youth in Pleasant Pastel**

**SL-806**
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [%], [±].
- Function command signs.
- Double-size [±] key. Amorphous silicon solar battery. 8.6H × 66.5W × 109.5mmD. 40 g (1⅛″H × 2½″W × 4¼″D, 1.4 oz).

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**GOLD (GRAY)**
**BLACK**
**GREEN**
**PINK**
20 Lux Super Solar Cells
Keep It Bright in Any Light.

SL-310
- 8 digits (16-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Amorphous silicon solar battery: 6.0H x
  66.9W x 109.5mmD, 40 g (2½"H x 2¾"W x 4¼"D, 1.4 oz).

SL-820
- 8 digits (16-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Amorphous silicon solar battery: 6.0H x
  66.9W x 109.5mmD, 40 g (2½"H x 2¾"W x 4¼"D, 1.4 oz).

Extended Figure Capacity, Double Memories

SL-1000
- 10 digits (20-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Amorphous silicon solar battery: 12.9H x
  124W x 71mmD (5½"H x 4¾"W x 2¾"D) — Folded.
- 12.9H x 124W x 144mmD (5½"H x 4¾"W x 5½"D) — Unfolded.
  *91 g (3.2 oz).

Extended Figure Capacity, Double Memories

SL-2000
- 12 digits (24-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Amorphous silicon solar battery: 12.9H x
  124W x 71mmD (5½"H x 4¾"W x 2¾"D) — Folded.
- 12.9H x 124W x 144mmD (5½"H x 4¾"W x 5½"D) — Unfolded.
  *91 g (3.2 oz).

Foldable Type
Giant Digits & Keys in a Fold-away!

SL-100N
- 8 digits (16-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Amorphous silicon solar battery: 11H x
  82W x 144mmD, 90 g (4½"H x 3¼"W x 5½"D, 3.4 oz).

Giant Digits & Keys in a Fold-away!

SL-110
- 10 digits (20-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- Amorphous silicon solar battery: 12.9H x
  124W x 71mmD (5½"H x 4¾"W x 2¾"D) — Folded.
- 12.9H x 124W x 144mmD (5½"H x 4¾"W x 5½"D) — Unfolded.
  *91 g (3.2 oz).

Giant Digits & Keys in a Fold-away!

SL-120
- 12 digits (24-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- Amorphous silicon solar battery: 12.9H x
  124W x 71mmD (5½"H x 4¾"W x 2¾"D) — Folded.
- 12.9H x 124W x 144mmD (5½"H x 4¾"W x 5½"D) — Unfolded.
  *91 g (3.2 oz).

Big Size

NS-1
- 8 digits (16-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD mode.
- Amorphous silicon solar battery: 11H x
  82W x 144mmD, 101 g (4½"H x 3¼"W x 5½"D, 3.6 oz).

NS-2
- 10 digits (20-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD mode.
- Amorphous silicon solar battery: 11H x
  82W x 144mmD, 101 g (4½"H x 3¼"W x 5½"D, 3.6 oz).

NS-3
- 12 digits (24-digit approximations), constants for +/−/×/÷,
  double memories including (grand total) function, mark-up [3], [4],
  quick corrections, function command signs.
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD mode.
- Amorphous silicon solar battery: 11H x
  82W x 144mmD, 101 g (4½"H x 3¼"W x 5½"D, 3.6 oz).
BIG SIZE
Lots of Fingerspace for Keytap Convenience

3 Pleasant Melodies

BATTERY TYPE

LC-311E
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [ ]/0.
- Function command signs.
- Auto power-off function.
- Double-size [ ] key.
- 360 hours on two LR1130 batteries.
- 6H x 66.5W x 109.5D mm, 43 g (1/4"H x 2/5"W x 4/5"D, 1.5 oz).

LC-403B
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [ ]/0.
- Function command signs.
- Auto power-off function.
- Double-size [ ] key.
- 360 hours on two LR1130 batteries.
- 6H x 66.5W x 109.5D mm, 46 g (1/4"H x 2/5"W x 4/5"D, 1.6 oz).

ML-833
- 11-note melody maker with three pre-programmed tunes.
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [ ]/0.
- Function command signs.
- Auto power-off function with memory retention.
- 200 hours on two LR1130 batteries.
- 6H x 86W x 114D mm, 61 g (1/4"H x 33/16"W x 41/2"D, 2.2 oz).

10 Digits & Full Decimal System

LC-1023
- 10 digits (20-digit approximations), constants for +/−/×/÷, independent memory, mark-up [ ]/0.
- Function command signs.
- Auto power-off function with memory retention.
- 280 hours on two LR1130 batteries.
- 114D mm, 68 g (1/4"H x 33/16"W x 41/2"D, 2.4 oz).

LC-1210
- 12 digits (24-digit approximations), constants for +/−/×/÷, independent memory, mark-up [ ]/0.
- Function command signs.
- 3-digit comma markers.
- Full decimal system.
- Floating, fixed (0-4) with round-off or cut-off.
- Auto power-off function with memory retention.
- 290 hours on two LR1130 batteries.
- 114D mm, 68 g (1/4"H x 33/16"W x 41/2"D, 2.4 oz).

More Digits, Double Memories!

N-2
- 10 digits (20-digit approximations), constants for +/−/×/÷, double memories including (grand total) function, mark-up [ ]/0.
- 3-digit comma markers.
- Full decimal system.
- Floating, fixed (0-4) with round-off or cut-off.
- Auto power-off function with memory retention.
- 1,200 hours on two LR1144 batteries.
- 130D mm, 95 g (1/4"H x 31/16"W x 51/4"D, 3.3 oz).

N-3
- 12 digits (24-digit approximations), constants for +/−/×/÷, double memories including (grand total) function, mark-up [ ]/0.
- 3-digit comma markers.
- Full decimal system.
- Floating, fixed (0-4) with round-off or cut-off.
- Auto power-off function with memory retention.
- 1,200 hours on two LR1144 batteries.
- 130D mm, 95 g (1/4"H x 31/16"W x 51/4"D, 3.3 oz).

HANDY TYPE

SOLAR POWER

HS-8
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [ ]/0.
- Function command signs.
- Amorphous silicon solar battery.
- 13H x 20W x 120D mm, 55 g (1/4"H x 7/8"W x 4"D, 2 oz).

HS-9
- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up [ ]/0.
- Function command signs.
- Amorphous silicon solar battery.
- 17H x 7.5W x 119D mm, 49 g (1/4"H x 3/4"W x 4"D, 1.7 oz).

NEW!

Eye-angle Design
DIGITAL DIARY

The Ultimate in Diaries —
Any Day's Schedule in 200 Years!

SF-3000

Memory capacity: 1,497 characters (9,689 with the optional RP-8 RAM pack, 17,689 with the optional RP-16 RAM pack).
Schedule function with time sort.
Full month calendar (Jan. 1901 — Dec. 2099) — any day's schedule recalled from full-month calendar display.
Power source: Calculation/display — 3 lithium batteries (CR2032). Memory protection — 1 lithium battery (CR1220)."Battery life: Main power source — approximately 120 hours (continuous use).
Memory protection battery — approximately 2 years. 17.3W × 126W × 67mmD (7/16"H × 5"W × 2 5/16"D) — Folded: 8.5W × 128W × 134mmD (3/4"H × 5"W × 5 1/4"D) — Unfolded: 150g (5.3 oz).

DATA BANK

Mono-tap Data Recall & Multi-form Files

PF-3200

Memory capacity: 1,050 characters. 1,005 characters (3,048 with the optional OR-20 RAM pack).
Power source: Calculation/display — 2 lithium batteries (CR2032). Battery life: Main power source — approximately 240 hours (continuous use). Memory protection battery — approximately 2 years. 13W × 84.5W × 141mmD (5/8"H × 3 1/8"W × 5 1/2"D) — Folded: 9.5W × 174W × 141mmD (3/8"H × 6 1/8"W × 5 1/2"D) — Unfolded: 154g (5.6 oz). Comes with file sheets.

A Deskful of Information, Right in Your Pocket.

CHECKBOOK CALCULATOR

5 Non-loss Memories for Balancing Checkbook and Charge Accounts

CASIO CHECKBOOK

- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up (%) function, command signs.
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD mode, 1,000 hours on one lithium battery (CR2032).
- 5.4W × 157W × 70mmD (1 1/8"H × 6 1/4"W × 2 3/4"D, 2.5 oz). Comes with a ball-point pen.

No More Fuzzy Finances!

CASIO CHECKBOOK

- 8 digits (16-digit approximations), constants for +/−/×/÷, independent memory, mark-up (%) function, command signs.
- Full decimal system: Floating, fixed (2) with round-off or cut-off, and ADD mode, 1,500 hours on one lithium battery (CR2032).
- 7W × 157W × 70mmD, 69g (1 1/8"H × 6 1/4"W × 2 3/4"D, 2.4 oz).
FINANCE CONSULTANT

Business Finance
BF-100
- 10 digits (20-digit approximations), constants for + - / x /,
  independent memory, mark-up (\$), \%, log, x^n, \$, date calculations.
- Financial calculations: compound interest calculations,
  loan calculations, annual payments, bonus payments, installment
  savings, deferred annuity present values.
- Auto power-off function with memory retention (independent memory and financial data).
- 1,000 hours on one lithium battery (CR2032). 1.8 x 7.15 x 12.4mm, 60 g (3 1/2" H x 2 1/2" W x 5 1/4" D, 2.1 oz).

METRIC CONVERTER

40 Conversions & Random Conversion Memory
MC-801S
- 40 conversion functions (20 metrics, 20 reversible) including
  lengths, weights, areas, volumes and temperatures.
- Random conversion memory for any conversions such as current.
- 8 digits (16-digit approximations), constants for + - / x /, independent memory, mark-up (\$), \%.
- Function command signs: *Amorphous silicon solar battery. 7.7 x 11.5 x 3.7cm, 44 g (1 1/2" H x 2 1/2" W x 1/4" D, 1.6 oz).

MATH PET

Math is So Much Fun!
MP-500
- Arithmetic practice (approx. 30,000 problems).
- Multiplication tables: 1-10 (approx. 80,000 problems).
- Arithmetic games (approx. 20,000 problems).
- Clock: Digital clock.
- 10,000 hours on two AA size batteries (UM-3) (1300 hours on type SUM-3) in the "PRACTICE" mode.
- 28 x 20 x 35 cm, 130 g (1 1/2" H x 3 3/4" W x 5 1/4" D, 4.6 oz).

RADIO-CALCULATOR

A New Radio/Calculator Combination!
RC-1200
[RADIO]
- Receiving mode: AM (MW) • Bandwidth frequency: 500 — 1,643 KHz
- Antenna: Flexible bar (built-in)
- Monitoring mode: Earphone 17 hours on two LR44 batteries (24 hours on type SR44 (G-13)).
)
[CALCULATOR]
- 12 digits (24-digit approximations), constants for + - / x / ,
  independent memory, mark-up (\$), \%, log, x^n, \$. 
- Function command signs: 
- Full decimal system: Floating, fixed (2) with round-off or cut-off.
- Auto power-off function with memory retention.
- 1,000 hours on two LR44 batteries (2400 hours on type SR44 (G-13)).
- 16.9 x 72.5 x 138.8mm, 60 g (6 1/4" H x 2 1/4" W x 5 1/4" D, 3.2 oz).
CLOCK-CALCULATOR COMBINATIONS

It Delivers Time, Too!

PW-61
- Clock
- Calculator
- 1 year on one lithium battery (CR2025C)
- 4.9H x 91W x 59mmD, 39g (1 7/8"H x 3 1/4"W x 2 1/4"D, 1.4 oz).

PW-70
- Clock
- Alarm
- Stopwatch
- Hourly time signal
- Calculator
- 1 year on one lithium battery (CR2025C)
- 5.0H x 59W x 92mmD, 37g (2 1/4"H x 2 1/4"W x 3 1/4"D, 1.3 oz).

The Timepiece Styled for Utility

PW-100
- Clock
- Calculator
- 1 year on one lithium battery (CR2025C)
- 4.1H x 66W x 54mmD, 26.5g (1 1/4"H x 2 1/2"W x 2 1/4"D, 0.9 oz).

PW-150
- Clock
- Alarm
- Hourly time signal
- Calculator
- 1 year on one lithium battery (CR2025C)
- 4.1H x 66W x 54mmD, 26.5g (1 1/4"H x 2 1/2"W x 2 1/4"D, 1 oz).

Timecard Has Never Looked So Good

ML-78
- 11-note melody maker
- 9 pre-programmed melodies
- Alarm: 7 tones, a different one is played every day.
- Clock
- Calendar
- Stopwatch
- Hourly time signal
- Calculator
- 1 year on one lithium battery (CR2025C)
- 5.0H x 59W x 92mmD, 41g (2 1/4"H x 2 1/4"W x 3 1/4"D, 1.4 oz).

Clock & 9 Melody Alarms

A Clock, Alarm and BIG 12-digit Figures.

AQ-4000
- Clock
- Calendar
- Alarm
- Countdown alarm
- Stopwatch
- Hourly time signal
- Calculator
- Variable volume control
- Illumination light for right viewing
- 11 months on three AA size batteries (UM-3) (20 months on type SUM-9), 40g (1 1/4"H x 6"W x 2 1/4"D, 1.4 oz).

MQ-200
- Stopwatch
- Hourly time signal
- Calculator
- Variable volume control
- Illumination light
- 11-month melody maker
- 3 melody alarms
- 3 daily alarms, or a daily alarm plus 2 time alarms on preset dates.
- Clock
- Full-month calendar
- Date memory:
- Any significant dates settable by memory marks on the calendar — holidays, birthdays, etc.
- Countdown alarm
- 3 months on four AA size batteries (UM-3) (20 months on type SUM-9), 70g (1 1/4"H x 6"W x 2 1/4"D, 7.1 oz).

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<th>Clock</th>
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<th>Date memory</th>
<th>Full-month calendar</th>
<th>Alarm</th>
<th>Melody alarm</th>
<th>Countdown alarm</th>
<th>Stopwatch</th>
<th>Hourly time signal</th>
<th>11-note melody maker</th>
<th>No. of melodies</th>
<th>Volume control</th>
<th>Illumination light</th>
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<td>3</td>
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</tbody>
</table>
C-POWER—SUPERIOR TO SOLAR POWER!

The anywhere calculators, that retain memory in complete darkness.

Casio's newly developed C-POWER system is an advancement beyond conventional solar power technology. This system makes it possible to operate calculators anywhere even in complete darkness; you don't have to worry about the battery or light conditions. And, of course, the memory is completely protected. The new C-POWER system will certainly be able to satisfy all your needs.

**fx-85M**
- True algebraic logic operation
- Standard deviations
- 18 levels of parentheses: C-POWER protects memory no matter what the light conditions. *16H X 76W X 135mmD, 72g (3/4 H X 3 W X 5 3/4 D, 2.5 oz).

**fx-115M**
- Base conversions/calculations
- Logical operations
- True algebraic logic operation
- Standard deviations
- 18 levels of parentheses: C-POWER protects memory no matter what the light conditions. *16H X 78W X 136mmD, 72g (3/4 H X 3 W X 5 3/4 D, 2.5 oz).

---

**BATTERY TYPE**

**GREEN DISPLAY**

Easy-to-read Green Display

**fx-39**
- True algebraic logic operation
- Standard deviations
- 6 levels of parentheses
- Rechargeable battery pack (NP-2M) or two AA size batteries. *22.5H X 84W X 152mmD, 177g (3/4 H X 3 1/4 W X 6 D, 6.3 oz).

**fx-140**
- True algebraic logic operation
- Standard deviations
- 6 levels of parentheses
- Rechargeable battery pack (NP-2M) or two AA size batteries. *22.5H X 84W X 152mmD, 178g (3/4 H X 3 1/4 W X 6 D, 6.3 oz).

**fx-120**
- True algebraic logic operation
- Standard deviations
- 6 levels of parentheses
- Rechargeable battery pack (NP-2M) or two AA size batteries. *24.5H X 84W X 162.5mmD, 184g (3 3/4 H X 3 1/4 W X 8 1/4 D, 6.8 oz).

---

**Table**

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Digits</th>
<th>Mantissa + EXP</th>
<th>True algebraic logic</th>
<th>Basic functions</th>
<th>Standard deviations</th>
<th>HYPER/ARC</th>
<th>X → Y</th>
<th>Memory</th>
<th>ENG</th>
<th>Auto power-off</th>
<th>Others</th>
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<td>6</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>N, I</td>
</tr>
</tbody>
</table>

* Basic functions: Trig/ARC, DEG/RAD/GRAD, log, 10^x, ln, e^x, x^y, x^y, X→y, Y→x, (10, Y→x, 1, X, EXP.
For Students! Full-featured Scientific Calculator

FX-7
- True algebraic logic operation
- 3 levels of parentheses
- Auto power-off function
- 1200 hours on one lithium battery (CR2032)
- 8.74 x 71.5W x 134mmD, 64g (1/4"H x 3/4"W x 5/8"D, 61.7oz)

FX-82A
- True algebraic logic operation
- Standard deviations
- 9 levels of parentheses
- Auto power-off function
- 500 hours on two AA batteries (UM-3) (1800 hours on four AA batteries)
- 7.3 x 149mmD, 116g (1/4"H x 3/4"W x 5/8"D, 64.1oz)

COLLEGE
- FX-100A
- True algebraic logic operation
- Standard deviations
- 18 levels of parentheses
- Auto power-off function
- 9600 hours on four AA batteries (UM-3) (4800 hours on two AA batteries)
- 19.68 x 76W x 149mmD, 128.6g (1/4"H x 3"W x 5/8"D, 4.5oz)

Base Conversions/Calculations, Logical Operations

FX-107
- Base conversions/calculations
- Logical operations
- True algebraic logic operation
- 18 levels of parentheses
- Auto power-off function
- 1200 hours on one lithium battery (CR2032C)
- 8.74 x 71.5W x 134mmD, 64g (1/4"H x 3/4"W x 5/8"D, 2.3oz)

FX-250
- True algebraic logic operation
- Standard deviations
- 6 levels of parentheses
- Auto power-off function
- 570 hours on two LR44 batteries (720 hours on two LR44 batteries)
- 7.3 x 149mmD, 76g (1/4"H x 3/4"W x 5/8"D, 2.6oz)

FX-350
- True algebraic logic operation
- Standard deviations
- 6 levels of parentheses
- Auto power-off function
- 720 hours on two LR44 batteries
- 1100 hours on one lithium battery (CR2025C)
- 8.74 x 71.5W x 134mmD, 64g (1/4"H x 3/4"W x 5/8"D, 2.3oz)

WALLET TYPE

FULLY FEATURED SCIENTIFIC CALCULATOR

FX-250
- True algebraic logic operation
- Standard deviations
- 6 levels of parentheses
- Auto power-off function
- 570 hours on two LR44 batteries
- 1100 hours on one lithium battery (CR2025C)
- 8.74 x 71.5W x 134mmD, 64g (1/4"H x 3/4"W x 5/8"D, 2.3oz)

Base Conversions/Calculations, Logical Operations

FX-370
- Base conversions/calculations
- Logical operations
- True algebraic logic operation
- 18 levels of parentheses
- Auto power-off function
- 1200 hours on one lithium battery (CR2032)
- 8.74 x 71.5W x 134mmD, 64g (1/4"H x 3/4"W x 5/8"D, 2.3oz)

FX-550S
- True algebraic logic operation
- Standard deviations
- 18 levels of parentheses
- Auto power-off function
- 720 hours on two LR44 batteries
- 1100 hours on one lithium battery (CR2025C)
- 8.74 x 71.5W x 134mmD, 64g (1/4"H x 3/4"W x 5/8"D, 2.3oz)

Base Conversions/Calculations, Logical Operations, 9 Physical Constants

FX-570
- Base conversions/calculations
- Logical operations
- 9 physical constants
- True algebraic logic operation
- Standard deviations
- 10 levels of parentheses
- Auto power-off function
- 1200 hours on one lithium battery (CR2025C)
- 8.74 x 71.5W x 134mmD, 64g (1/4"H x 3/4"W x 5/8"D, 2.3oz)

** Model | Display | Digits | Memory | I | IL | % | H | ENG | Auto power-off | Others
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
fx-7 | LCD | 8 | 6+2 | | | | | | | |
fx-82A | LCD | 8 | 6+2 | | | | | | | |
COLLEGE | LCD | 10 | 6+2 | | | | | | | |
fx-107 | LCD | 10 | 6+2 | | | | | | | |
fx-250 | LCD | 8 | 6+2 | | | | | | | |
fx-350 | LCD | 8 | 6+2 | | | | | | | |
fx-370 | LCD | 8 | 6+2 | | | | | | | |
fx-550S | LCD | 10 | 6+2 | | | | | | | |
fx-570 | LCD | 10 | 6+2 | | | | | | | |

* Basic functions... Trig, EXP, π, ln, e^x, x^n, x^y, x^2, √x, 1/x, (0.5 to 99) +/−, π, EXP

** (excluding 2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x, +, −, +/−, π, EXP)

Base Calculations/Conversions, Logical Operations

An extensive range of functions for specialized usage in high-tech roles such as address calculations and internal circuit designs.
### LEAF KEY PANEL

**Base Conversions/Calculations, Logical Operations**

#### fx-41L
- True algebraic logic operation
- Standard deviations
- 10 levels of parentheses
- Amorphous silicon solar battery: 8.5H x 55W x 125mmD, 62g
- 9.8 oz

#### fx-45L
- True algebraic logic operation
- Logical operations
- 13 physical constants
- 16 conversion functions (8 metric, 8 non-metric)
- Folded, 7.8H x 161.8W x 125mmD
- Unfolded, 7.8H x 161.8W x 125mmD
- Weight: 81g

#### fx-470
- Base conversions/calculations
- Logical operations
- 9 physical constants
- True algebraic logic operation
- Standard deviations
- 10 levels of parentheses
- Amorphous silicon solar battery: 113H x 122W x 157mmD
- Folded, 6.9H x 122W x 157mmD
- Weight: 84g

### Amazing 98 Functions Including Base Conversions/Calculations, Logical Operations, 13 Physical Constants and 16 Conversion Functions

#### fx-580
- 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
- True algebraic logic operation
- 18 levels of parentheses
- 10 hours on two lithium batteries (CR2032)
- 9.2H x 72W x 131mmD
- Weight: 88g

#### fx-920
- True algebraic logic operation
- Standard deviations
- 18 levels of parentheses
- Amorphous silicon solar battery: 8.9H x 72W x 138mmD, 74g

### SOLAR POWER

#### fx-950
- Base conversions/calculations
- Logical operations
- 9 physical constants
- True algebraic logic operation
- Standard deviations
- 10 levels of parentheses
- Amorphous silicon solar battery: 7.5H x 69W x 128mmD, 64g

### BIG KEY TYPE

#### fx-991
- Base conversions/calculations
- Logical operations
- 9 physical constants
- True algebraic logic operation
- Standard deviations
- 18 levels of parentheses
- Amorphous silicon solar battery: 7.5H x 69W x 128mmD, 64g

### Parenthesis Calculations

Complex calculations involving mixed parenthesis can be handled with speed and simplicity.
## Flat Key Panel
**Flat Key Panel — 3.1mm!**
Base Conversions/Calculations, Logical Operations, 9 Physical Constants

- **fx-915**
  - True algebraic logic operation
  - Standard deviations
  - 18 levels of parentheses
  - Amorphous silicon solar battery, 3.1mmH x 70W x 12mmD, 48g (1 5/8" H x 2 3/4" W x 5/16" D, 1.7 oz).

- **fx-995**
  - True algebraic logic operation
  - Logical operations
  - 18 physical constants

- **fx-88**
  - True algebraic logic operation
  - Standard deviations
  - Base conversions/calculations

- **fx-88B**
  - True algebraic logic operation
  - Logical operations
  - 18 levels of parentheses

- **fx-68**
  - True algebraic logic operation
  - Standard deviations
  - Auto power-off function

## Solar Power
The New Style Sci. Folds Flat!

- **fx-78**
  - True algebraic logic operation
  - Standard deviations
  - 6 levels of parentheses

- **fx-90B**
  - True algebraic logic operation
  - Standard deviations

- **fx-90B**
  - Standard deviations
  - Base conversions/calculations

- **fx-600**
  - True algebraic logic operation

- **fx-650**
  - Base conversions/calculations

## Compact Desk Type
Easy-to-operate Large Keys

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Digits</th>
<th>Mantissa + EXP</th>
<th>True algebraic logic</th>
<th>*Basic functions</th>
<th>Standard deviations</th>
<th>HYP/ARC</th>
<th>X-Y</th>
<th>Memory</th>
<th>ENG</th>
<th>R-P</th>
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<td>FX-915</td>
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<td>8+2</td>
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<td>10+2</td>
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<td></td>
<td>1</td>
<td>18</td>
<td>0</td>
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</tbody>
</table>

- **Basic functions**
  - √, a^x, log, 10^x, ln, e^x, x^y, x^y, 1/x, x!, (10^a + b^b + c^c) + f-1/x, EXP

### Physical Constants
Many commonly used physical constants such as the Speed of light in space, Planck’s constant and Electron rest mass are built in, for fast one-touch recall and resolution.
10 Independent Program Areas

Stores up to 10 programs in independent areas for instant recall when required. This also allows unconditional jumps and subroutine calls to make a clear program structure.
**GRAPHIC**

Programmable with Graphic Functions

**fx-6000G**
- Display: Text 16 columns x 4 lines (64 characters), Graphics 96 x 32 dots
- High utility variation of program steps and data memories
- 486 steps 26 memories
- 486 steps 26 memories
- Graph functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph)
- Perfect entry system
- Instant replay function
- Regression analysis
- Base conversions/calculations, logical operations
- 139 hours on three lithium batteries (CR2032), 21H 11H 81W x 150mmD, 124 g (3/4 x 1/3 W x 6 1/16 D, 4.4 oz)

**fx-6500G**
- Display: Text 16 columns x 4 lines (64 characters)
- Graphics 96 x 32 dots
- High utility variation of program steps and data memories
- 486 steps 26 memories
- 486 steps 26 memories
- Graph functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph)
- Perfect entry system
- Instant replay function
- Regression analysis
- Base conversions/calculations, logical operations
- 139 hours on three lithium batteries (CR2032), 11.5H 81W x 148.5mmD, 127 g (3/4 x 1/3 W x 6 1/16 D, 4.5 oz)

**fx-7200G**
- Display: Text 16 columns x 8 lines (128 characters)
- Graphics 96 x 64 dots
- High utility variation of program steps and data memories
- 400 steps 26 memories
- 400 steps 26 memories
- Graph functions (Graph composition, Trace, Plot, Line, Magnification/Reduction, Coordinate range designation, Overwrite, Statistical graph)
- Perfect entry system
- Instant replay function
- Regression analysis
- Base conversions/calculations, logical operations
- 139 hours on three lithium batteries (CR2032), 11.5H 81W x 148.5mmD, 127 g (3/4 x 1/3 W x 6 1/16 D, 4.5 oz)

**COMPUTER MATH CALC**

Dedicated Base-n Calculator

**SUPER SOLAR**

Here's Your Fold-up Formula Specialist

**FORMULA MANIPULATOR**

It Delivers Time, Too!

**fx-8100**
- Clock
- Calendar
- Alarm
- Countdown alarm
- Stopwatch 1 year on two SR1130 (3-1/2) or 3-9/10 batteries
- 6.5H 70W x 129mmD, 80 g (3/4 x 1/3 W x 5 1/16 D, 2.8 oz)

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Display capacity (characters)</th>
<th>Mantissa + EXP</th>
<th>No. of program steps</th>
<th>No. of memories</th>
<th>No. of program storeable</th>
<th>Subroutine levels</th>
<th>Checking and editing</th>
<th>Standard deviations</th>
<th>Others</th>
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<tbody>
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<td>+ 2</td>
<td>466 - 6</td>
<td>86 - 26</td>
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<tr>
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<td>+ 2</td>
<td>486 - 6</td>
<td>86 - 26</td>
<td>10</td>
<td>9</td>
<td>□</td>
<td>□</td>
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<tr>
<td>fx-7200G</td>
<td>LCD*</td>
<td>16 x 8</td>
<td>+ 2</td>
<td>422 - 6</td>
<td>78 - 26</td>
<td>10</td>
<td>9</td>
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</table>

* Dot matrix display

**WITH TIMEPIECE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Digits</th>
<th>Mantissa + EXP</th>
<th>True algebraic logic</th>
<th>*Basic functions</th>
<th>Standard deviations</th>
<th>HYP/ARC coefficient</th>
<th>X-Y</th>
<th>X-M</th>
<th>Memory</th>
<th>□</th>
<th>□</th>
<th>%</th>
<th>R-P</th>
<th>ENG</th>
<th>Auto power-off</th>
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<td>5</td>
<td>□</td>
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<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
</tbody>
</table>

* Basic functions: Trig, arcsine, arc cosine, log, 10^x, ln, e^x, x^y, √, √x, √x, x!, 10^x, 10^-x, pi, EXP
The Talented Team!
Develop your own programs on the PD-310, put them into action on the PD-300. The flexible answer for modern handling of new products, projects, markets, etc.

PB-300
Function-fit Computing
Your own program ready to apply anywhere, any purpose. Input is simple, output can be highly valuable.
- RAM capacity - Standard 8K bytes (16K bytes with RP-8 RAM pack).
- Alphabetic dot matrix display (upperlower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas.
- DATA BANK function: 145 hours on two lithium batteries (CR2032).

PD-310
Tallor-made Programs
Allows development of programs to fit any special purpose. Quick and uncomplicated to use.
- RAM capacity - Standard 16K bytes, 145 hours on two lithium batteries (CR2032).

PB-80
Smooth-action, Flat Key Panel
Simple Steps into Computing
Special Guide for Programming included.

PB-100F
- RAM capacity - Standard 1K bytes, 2K bytes with OR-1® RAM pack.
- Alphabetic dot matrix display (upperlower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas.
- DATA BANK function: 456 hours on two lithium batteries (CR2032).
- 140 hours on one lithium battery (CR2032).

PB-410
- RAM capacity - Standard 2K bytes (RC-2 RAM card).
- Alphabetic dot matrix display (upperlower case letters of the alphabet, numbers, symbols and special characters).
- 10 independent program areas.
- DATA BANK function: 24 hours on one lithium battery (CR2032).

PB-220
- RAM capacity - Standard 2K bytes (10K bytes with RP-8 RAM pack).
- Alphabetic dot matrix display (upperlower case letters of the alphabet, numbers, symbols and special characters).
- DATA BANK function: 145 hours on two lithium batteries (CR2032).

BC-300
- Memory capacity: 781 characters (2,929 with the optional OR-20 RAM pack).
- Formula storage function.
- DATA BANK function (CALENDAR area and MEMO area).
- Auto rate calculation function.

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Display capacity (characters)</th>
<th>Memories + EXP</th>
<th>Program language</th>
<th>Memory capacity (approx.)</th>
<th>No. of programs available</th>
<th>Subroutine levels</th>
<th>Checking and editing</th>
<th>Others</th>
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<tbody>
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<td>PB-80</td>
<td>LCD*</td>
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<td>8 + 2</td>
<td>BASIC</td>
<td>1KB (expandable to 2KB)</td>
<td>10</td>
<td>8</td>
<td>O</td>
<td>DATA BANK function.</td>
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<tr>
<td>PB-100F</td>
<td>LCD*</td>
<td>12</td>
<td>8 + 2</td>
<td>BASIC</td>
<td>1KB (expandable to 2KB)</td>
<td>10</td>
<td>8</td>
<td>O</td>
<td>DATA BANK function.</td>
</tr>
<tr>
<td>PB-110</td>
<td>LCD*</td>
<td>12</td>
<td>8 + 2</td>
<td>BASIC</td>
<td>1KB (expandable to 2KB)</td>
<td>10</td>
<td>8</td>
<td>O</td>
<td>DATA BANK function.</td>
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<tr>
<td>PB-410</td>
<td>LCD*</td>
<td>12</td>
<td>8 + 2</td>
<td>BASIC</td>
<td>2KB (expandable to 16KB)</td>
<td>10</td>
<td>8</td>
<td>O</td>
<td>DATA BANK function.</td>
</tr>
<tr>
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<td>LCD*</td>
<td>12</td>
<td>8 + 2</td>
<td>BASIC</td>
<td>2KB (expandable to 16KB)</td>
<td>10</td>
<td>8</td>
<td>O</td>
<td>DATA BANK function.</td>
</tr>
<tr>
<td>PB-310</td>
<td>LCD*</td>
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<td>8 + 2</td>
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<td>1KB (expandable to 3KB)</td>
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<td>8</td>
<td>O</td>
<td>DATA BANK function.</td>
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<tr>
<td>BC-300</td>
<td>LCD*</td>
<td>24</td>
<td>10 + 2</td>
<td>BASIC</td>
<td>1KB (expandable to 3KB)</td>
<td>10</td>
<td>8</td>
<td>O</td>
<td>DATA BANK function.</td>
</tr>
</tbody>
</table>
**SCIENTIFIC COMPUTER**

The profound array of functions on these models has been made especially easy to handle by Casio's special one-key reference system. It accelerates programming and data analysis to an appealing new level for the operator with big workloads.

**FX-720P**
- RAM capacity — Standard 2K bytes (RC-2 RAM card) (4K bytes with RC-4 RAM card) ● Alphanumeric dot matrix display (upper/lower case letters of the alphabet, numbers, symbols and special characters) ● 10 independent program areas ● DATA BANK function ● Battery life: Main — 140 hours on two lithium batteries (CR2032), RAM card (RC-2) — 24 months on one lithium battery (CR2032), 177g including the RAM card. *1/4"H × 8 1/2"W × 3 3/4"D, 6.2 oz.* “Comes with ‘Easy Guide to Programming’, ‘DATA BANK Reference Manual’ and ‘Program Library’.

**FX-730P**
- RAM capacity — Standard 4K bytes (expandable to 16K bytes with two RC-6 RAM cards) ROM — Approx. 27K bytes ● Display: 24 alphanumeric characters ● 10 independent program areas ● 10 physical constants ● Regression analysis ● Battery life: Main — 150 hours on two lithium batteries (CR2032), RAM card (RC-4) — 12 months on one lithium battery (CR2032), 186W × 156H × 180D, 245g including the RAM card. *3/4"H × 7 1/4"W × 6 3/4"D, 6.8 oz.* “Comes with ‘Easy Guide to Programming’.

**FX-750P**
A Compact Way to Modern Efficiency

PB-700

- Memory: RAM — Standard 4K bytes (expandable to 16K bytes), ROM — Approx. 2K bytes. Display: Text — 20 columns x 4 lines (80 characters), Graphics — 160 x 32 dots. 10 independent program areas. * Battery life: 100 hours on four AA size batteries (SUM-3). 83H x 200W x 88mmD, 315 g (14 3/4"H x 7 3/4"W x 3 1/4"D, 11.1 oz). * "Comes with "Easy Guide to Programming".

Wide Array of Options for System Expansion

FP-100  FP-40

FA-7  MD-100  MF1-DD

PB-1000

RP-32 (32K bytes)

Front Line Computing System with Full Peripherals

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.


MD-100

- 3.5 inch floppy disk drive. * RS-232C port for data communication capabilities. * Centronics standard printer interface. * 50H x 342.6W x 259mmD, 1.35 kg (20 1/16"H x 13 1/8"W x 10"D, 3.0 lbs).

FA-7

- RS-232C port for data communication capabilities. * Centronics standard printer interface. * 50H x 342.6W x 259mmD, 1.35 kg (20 1/16"H x 13 1/8"W x 10"D, 3.0 lbs).

FP-100

- Letter size paper 4-color plotter-printer. 67H x 310W x 129mmD (26 1/2"H x 12 1/4"W x 5 1/4"D) — Folded: 67H x 310W x 239mmD (26 1/2"H x 12 1/4"W x 9 1/4"D) — Unfolded: 1.8 kg (3.9 lbs).

FP-40

- 60-column thermal printer. * 42.5H x 210W x 145mmD. 609 g (16 1/2"H x 8 3/4"W x 5 3/4"D, 2.1 lbs).

RP-32

- 32KB RAM pack. * 3.8H x 67W x 68mmD. 16 g (1 1/4"H x 2 1/2"W x 2 3/4"D, 0.6 oz).

MF1-DD

- 3.5 inch floppy disk. * Single sided, double density. 320KB.

Table:

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Display capacity (characters)</th>
<th>Maintenance (EXP)</th>
<th>Program language</th>
<th>Memory capacity (approx.)</th>
<th>No. of programs storable</th>
<th>Subroutine levels</th>
<th>Checking and coding</th>
<th>Others</th>
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<td>LCD*</td>
<td>20 x 4</td>
<td>10 x 2</td>
<td>BASIC</td>
<td>4 KB (expandable to 16 KB)</td>
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<td>PB-1000</td>
<td>LCD*</td>
<td>32 x 4</td>
<td>19 x 2</td>
<td>BASIC + Assembler</td>
<td>8 KB (expandable to 40 KB)</td>
<td>Limited to memory capacity</td>
<td>Limited to memory capacity</td>
<td></td>
<td>DATA BANK function. Formula memory. Assembler and Monitor. Regression analysis.</td>
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</tbody>
</table>

* Dot matrix display
MINI-PRINTER

2-way Print-out — Inner Roll or Outer Roll Up to 80mm Dia. Roll!

SR-1
- Function command signs
- Full decimal system: Floating, fixed (2) with round-off or cut-off
- Auto power-off function 1st power source: AC
- 50mmW x 25mm x (1 5/16" x 1") (PP-25A) 358mmW x 80mm (1 1/4" x 3 1/4") 148H x 86W x 151M excluding roll-holder, 320g (1 1/4" x 3 1/4" x 7 3/4") D, 11.3 oz.

58mmP Plain Paper

HR-8
- Function command signs
- Full decimal system: Floating, fixed (2) with round-off or cut-off
- Auto power-off function 2nd power source: AC
- 49H x 104W x 177MM excluding roll-holder, 347g (1 1/4" x 4 1/2" x 6 1/4") D, 12.2 oz.

Designed to Streamline Deskwork

NEW!

Desk-art for Flowing Figurework

58mmP Plain Paper

HR-16
- Full decimal system: Floating, fixed (0—4) with round-off, and ADD mode. 2-way power source: AC (AD-4150 adapter) or DC (four AA size batteries).
- Size: 197W x 203xH x 1/4" x 9/16" x 7 1/2" x 1 1/2" x 9 1/16" x 1 1/16"

Big Liquid Crystal Display

MR-100
- Full decimal system: Floating, fixed (0—3) with round-off, and ADD mode. 2-way power source: AC (AD-4150 adapter) or DC (three AA size batteries).
- Size: 197W x 203xH x 1/4" x 9/16" x 7 1/2" x 1 1/2" D, 1 1/16"

FORMULA MEMORY

HR-200
- Function command signs (x/–)
- Full decimal system: Floating, fixed (0—3) with round-off, and ADD mode. Auto power-off function 2nd power source: AC (AD-4150 adapter) or DC (four AA size batteries).
- Size: 197W x 203xH x 1/4" x 9/16" x 7 1/2" x 1 1/2" x 9 1/16" x 1 1/16"

Formula Memory!

HR-100
- Full decimal memory for repeat calculations.
- Full decimal system: Floating, fixed (0—3) with round-off, and ADD mode. 2-way power source: AC (AD-4150 adapter) or DC (four AA size batteries).
- Size: 197W x 203xH x 1/4" x 9/16" x 7 1/2" x 1 1/2" x 9 1/16" x 1 1/16"

Formula Memory!

HR-121
- Full decimal system: Floating, fixed (0—3) with round-off, and ADD mode. 2-way power source: AC (AD-4150 adapter) or DC (four AA size batteries).
- Size: 197W x 203xH x 1/4" x 9/16" x 7 1/2" x 1 1/2" x 9 1/16" x 1 1/16"

Formula Memory for repeat calculations.

Model | Display | Digits | Independent memory | % | Constants | Item counter | Approximations | Ink-cartridge | Paper width | Others
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
SR-1 | LCD | 10 | | | | | | | 38mm (1 1/8") | Simple algebraic logic operation, 3-digit comma markers, print key.

HR-8 | LCD | 10 | | | | | | | 58mm (2 1/4") | Simple algebraic logic operation, 3-digit comma markers, print key.

HR-16 | Digitron | 10 | | | | | | | 58mm (2 1/4") | Sub-total/total, 3-digit comma markers, .

MR-100 | Digitron | 10 | | | | | | | 58mm (2 1/4") | Sub-total/total, 3-digit comma markers, .

MR-200 | LCD | 10 | | | | | | | 58mm (2 1/4") | Sub-total/total, 3-digit comma markers, .

MR-121 | Digitron | 10 | | | | | | | 58mm (2 1/4") | Formula memory, Sub-total/total, 3-digit comma markers, .

HR-100 | Digitron | 10 | | | | | | | 58mm (2 1/4") | Formula memory, Sub-total/total, 3-digit comma markers, .

HR-121 | Digitron | 12 | | | | | | | 58mm (2 1/4") | Formula memory, Sub-total/total, 3-digit comma markers, .

Note: Quick corrections of mis-entries with the move-back shift key ( ).
Cross-totalling Function and Formula Memory, Convenient for Daily Business

Cross-totalling calculation

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<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Total</th>
<th>Grand total</th>
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<td>5300</td>
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<tr>
<td>Y</td>
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<td>4300</td>
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<td>5500</td>
<td>7400</td>
<td>12900</td>
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</table>

FR-122
- Cross-totalling function
- Formula memory for repeat calculations
- Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode.
- 2-way power source: AC (AD-4150 adapter) or DC (four AA-size batteries).
- 5568 x 160W x 165mmD, 616g (1.1 lbs).

2-COLOR PRINTING
58mmW Plain Paper

FR-121
- Formula memory for repeat calculations
- Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode.
- 2-way power source: AC (AD-4150 adapter) or DC (four AA-size batteries).
- 5568 x 160W x 165mmD, 616g (1.1 lbs).

58mm Plain Paper

FR-105
- Formula memory for repeat calculations
- Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode.
- 2-way power source: AC (AD-4150 adapter) or DC (four AA-size batteries).
- 5568 x 160W x 207mmD, 695g (1.5 lbs).

3 Totalling System

HR-18
- Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode.
- 2-way power source: AC (AD-4150 adapter) or DC (four AA-size batteries).
- 5568 x 160W x 185mmD excluding roll-holder, 441g (1.0 lbs).

HR-21
- Full decimal system: Floating, fixed (0 — 3) with round-off, and ADD mode.
- 2-way power source: AC (AD-4150 adapter) or DC (four AA-size batteries).
- 63x162x233mmD, 458g (1.0 lbs).

HR-110
- Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode.
- 2-way power source: AC (AD-4150 adapter) or DC (four AA-size batteries).
- 5568 x 202W x 216mmD, 608g (1.3 lbs).

HR-110S
- Full decimal system: Floating, fixed (0 — 4) with round-off or cut-off, and ADD mode.
- 2-way power source: AC (AD-4150 adapter) or DC (four AA-size batteries).
- 5568 x 202W x 216mmD, 608g (1.3 lbs).

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Digits</th>
<th>Independent memory</th>
<th>%</th>
<th>Constants</th>
<th>Item counter</th>
<th>Approximations</th>
<th>Ink-roller cartridge</th>
<th>Paper width</th>
<th>Others</th>
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<tbody>
<tr>
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<td>Digatron</td>
<td>10</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>IR-40</td>
<td>55mm (2 1/4&quot;)</td>
<td>Formula memory, Sub-total/total, 3-digit comma markers, print key.</td>
</tr>
<tr>
<td>FR-121</td>
<td>Digatron</td>
<td>12</td>
<td>O</td>
<td>O</td>
<td>O</td>
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<td>O</td>
<td>IR-40</td>
<td>55mm (2 1/4&quot;)</td>
<td>Formula memory, Sub-total/total, 3-digit comma markers, print key.</td>
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<td>10</td>
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<td>O</td>
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<td>O</td>
<td>IR-40</td>
<td>55mm (2 1/4&quot;)</td>
<td>Formula memory, Sub-total/total, 3-digit comma markers, print key.</td>
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<tr>
<td>FR-122</td>
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<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>IR-40</td>
<td>55mm (2 1/4&quot;)</td>
<td>Cross totalling function, Formula memory, Sub-total/total/total/total/total, grand total, 3-digit comma markers, print key.</td>
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<td>IR-40T</td>
<td>55mm (2 1/4&quot;)</td>
<td>Sub-total/total, 2-color printing, 3-digit comma markers, print key.</td>
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<td>O</td>
<td>IR-40T</td>
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<td>Sub-total/total/total, 2-color printing, 3-digit comma markers, print key.</td>
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<td>O</td>
<td>O</td>
<td>IR-40T</td>
<td>55mm (2 1/4&quot;)</td>
<td>Sub-total/total/total/total, 2-color printing, 3-digit comma markers, print key.</td>
</tr>
</tbody>
</table>

Quick corrections of mis-entries with the move-back shift key ( ).

3-way Totalling System

You can accumulate results in all four basic functions at a touch. It give sub-totals, totals and grand totals.
<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Digits</th>
<th>Independent memory</th>
<th>%</th>
<th>Constants</th>
<th>Item counter</th>
<th>Approximations</th>
<th>Ink-roll cartridge</th>
<th>Paper width</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR-120S</td>
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<tr>
<td>FR-125</td>
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<td>x/-</td>
<td>0</td>
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<td>IR-40T</td>
<td>56mm(2½&quot;)</td>
<td></td>
</tr>
<tr>
<td>JR-150</td>
<td>Digirion</td>
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<td></td>
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<td>x/-</td>
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<td>IR-40T</td>
<td>56mm(2½&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

*: Quick corrections of mis-entries with the move-back shift key ( ).
Quiet Printer, Dust Proof

Quiet Printer, Dust Proof

Double Independent Memories

High Speed Printing — 4.6 Lines per Sec.

DR-7210

DR-7220

DR-7250

MAXI-DIGIT PRINTER

High Speed Printing — 4.6 Lines per Sec.

Double Independent Memories

Date/Time Calculations

DR-8420

DR-8620

DR-1520

DR-8420

DR-8620

DR-1520

**FULL DECIMAL SYSTEM:** Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. Power source: AC 91V x 232W x 394mmD, 2.66 kg (3 1/2"H x 9 1/2"W x 15 1/2"D, 5.9 lbs).

**FULL DECIMAL SYSTEM:** Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. Power source: AC 91V x 232W x 394mmD, 2.66 kg (3 1/2"H x 9 1/2"W x 15 1/2"D, 5.9 lbs).

**FULL DECIMAL SYSTEM:** Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. Power source: AC 91V x 232W x 394mmD, 2.95 kg (3 1/2"H x 9 1/2"W x 15 1/2"D, 6.5 lbs).

**DATE CALCULATIONS**

**TIME CALCULATIONS**

**FULL DECIMAL SYSTEM:** Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. Power source: AC 91V x 232W x 394mmD, 3.1 kg (3 1/2"H x 9 1/2"W x 15 1/2"D, 6.8 lbs).

**FULL DECIMAL SYSTEM:** Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. Power source: AC 91V x 232W x 394mmD, 3.1 kg (3 1/2"H x 9 1/2"W x 15 1/2"D, 6.8 lbs).

**FULL DECIMAL SYSTEM:** Floating, fixed (0 — 6) with round-off, round-up or cut-off, and ADD mode. Power source: AC 91V x 232W x 394mmD, 2.76 kg (3 1/2"H x 9 1/2"W x 15 1/2"D, 6.1 lbs).

<table>
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<th>Model</th>
<th>Display</th>
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<th>Independent memory</th>
<th>% Constants</th>
<th>Item counter</th>
<th>Approximations</th>
<th>Ink-roll cartridge</th>
<th>Paper width</th>
<th>Others</th>
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</table>

**INK-ROLL**

**INK-RIBBON**

**ROLL PAPER**

**ACCESSORIES AND OPTIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>AC adaptor</th>
<th>Ink-roll</th>
<th>Ink ribbon</th>
<th>Roll paper (Plain paper)</th>
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</table>

**ink-ribbon**

**Paper Width**

**Others**

**AB:** Total of multiplicands/dividends and products/quotients

**E** : Quick corrections of mis-entries with the move-back shift key ( □ ).
DAISY WHEEL PRINT QUALITY, PORTABLE VERSATILITY

CW-500
- Multiple print pitches
- Automatic corrections
- Automatic full-page relocation
- Automatic carrier return
- Quick-change ribbons and correction tapes
- A choice of daisy wheels
- 2-way power supply
- Bold, underline printing
- Automatic centering
- Tab centering
- Tab flush
- Automatic indent
- Tab print
- Vertical line printing
- Decimal tab
- 62H x 370W x 323D (mm), 3.15 Kg
- Accessories: AC adapter, Daisy wheel (Courrier 10), Ink ribbon cartridge, Correction tape, Paper

DAISY WHEELS (OPTIONS)

<table>
<thead>
<tr>
<th>COURIER 10 (STANDARD) (WL-100)</th>
<th>COURIER 12 (WL-121)</th>
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<tr>
<td>&quot;#$%&amp;'()'*+/,-./0123456789;:</td>
<td>=?@ABCDEFGHIJKLMNOPQRSTUVWXYZ</td>
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</table>

<table>
<thead>
<tr>
<th>PICA 10 (WL-101)</th>
<th>LETTER GOThic 12 (WL-122)</th>
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<table>
<thead>
<tr>
<th>PRESTIGE ELITE 12 (WL-120)</th>
<th>CUTLASS 15 (WL-150)</th>
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</table>

WHISPER QUIET DOT MATRIX PRINTING GETS THE JOB DONE ANYWHERE

CW-10
- Four printing modes
- Variable line spacing
- Right margin flush
- Automatic relocation
- Automatic justification
- Automatic centering
- Automatic word wrap
- Automatic underline
- Double width characters
- Bold typing
- Auto power off function
- 48H x 320W x 270D (mm), 2.4 Kg
- Accessories: Four SUM-1 batteries, Ink ribbon cassette, Paper

CW-20
Same features as CW-10, PLUS:
- Correction memory for entire text
- 4KB built-in text memory
- Special character effects
- 6 phrase memories
- Automatic line feed
- Automatic decimal tabulation
- Optional 4KB/8KB RAM packs
- 56H x 350W x 330D (mm), 3.7 Kg
- Accessories: Four SUM-1 batteries, Ink ribbon cassette, Unit cover, Roll paper holder, Paper

<table>
<thead>
<tr>
<th>MODEL</th>
<th>AC ADAPTOR</th>
<th>RAM PACK</th>
<th>RIBBON CARTRIDGE</th>
<th>RIBBON CASSETTE</th>
<th>CORRECTION TAPE</th>
<th>ROLL THERMAL PAPER</th>
<th>RECHARGEABLE NICD BATTERY PACK</th>
<th>THERMAL PAPER (100 sheets)</th>
<th>HARD CASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CW-10</td>
<td>AD-4845</td>
<td>IR-10B/IR-10C</td>
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<td>--</td>
<td>NP-104</td>
<td>TSP-100 (A-4)</td>
<td>CC-10</td>
</tr>
<tr>
<td>CW-20</td>
<td>AD-4845</td>
<td>IR-20B/IR-20C</td>
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<td>TRP-55</td>
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<td>TSP-100 (A-4)</td>
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</table>

*IR-10B/20B: 3 PACK BLACK RIBBON, IR-10C/20C: BLACK-BLUE-RED RIBBONS, MP-4: 4KB, MP-8: 8KB
THE COMPACT PERSONAL THAT OPENS
THE WORLD OF COMPUTERS FOR THE WHOLE
FAMILY!!

MSX

CREATE YOUR OWN ORIGINAL GAMES OR OTHER SOFTWARE!

CREATE YOUR OWN ORIGINAL GAMES OR OTHER SOFTWARE!

Use one of the many software cartridges!
(Improves standard MSX)

All programming is easy to understand
(BASIC)

A few simple commands let you draw your
own graphs!

Operating an MSX computer makes you part of
a network of users who enjoy compatibility with
much of the MSX hardware and software on
the market today. The popularity of this standard
has resulted in selection of software and peripheral
devices for the versatility to perform any
computer task imaginable.

OPTIONS

CAR FIGHTER
You are entrusted in taking
a shipment of precious
jewels from California to
Washington D.C. Use all of
your driving skills to outwit
cunning spies and accomplish
your mission!

EXOIDE Z
Become the commander of
EXOIDE Z, the powerful
space robot. Match your
mind and muscle in one of
the most exciting computer
games ever created!

Beginner's BASIC I, Beginner's BASIC II
Now BASIC is made easy to learn thanks to CASIO's original BASIC FOR BEGINNERS software series. Take a step-by-step approach to learn about flow charts, variables, arrays, loops and graphics. Even if you've never touched a computer before, these two personal tutors will soon have you well on your way to being an accomplished programmer.

JOYSTICK (TJ-7)
Add more excitement to your programs. A touch of the joystick results in instant movement on the screen.

EXPANSION UNIT (KB-15)
Two additional slots allow memory expansion for larger programs. A Centronics interface allows connection of a printer.

RAM EXPANSION
CARTRIDGE (OR-216/264)
Simply plug a cartridge into the
KB-15 expansion unit to expand memory. Optional cartridges are available for expansion up to either 32KB or a full 64KB of computing power 1.

SPECIFICATIONS

CPU: Z80A compatible (3.58MHz)
MEMORY: 52KB (MSX BASIC ROM)
RAM: 16KB
WRAM: 16KB
DISPLAY OUTPUT
Character display: 32(H) x 24(V) characters. (40(H) x 24(V) max. with SCREEN 0)

Character configuration: 8 x 8 dot matrix
Characters: English, graphic symbols
Number of dots: 266(H) x 195(V)
Colors: 16
Sound: 8 octaves, 3-note chords, notes
KEYBOARD: Total keys: Keys, function keys, joystick (8 directions), trigger / 2 inputs

CRT interface: RF signal or video signal output
Size: 220(W) x 200(D) x 44.2(H)mm
Weight: 1.600kg
Power supply: 120V/220V/240V AC
Power consumption: 7.2W
Operating temperature: 0°C - 40°C
Accessories: Switch box, connecting cord, AC adapter

MSX mark is a trademark of Microsoft Corporation.

*Specifications and designs may be subject to change without notice.

CASIO