

Canon

2011-2012

CANON CALCULATORS



Canon

caters to your **HEALTH** and the

ENVIRONMENT

Canon has long been placing great efforts to reduce the environmental impact of its products. Canon's new series of recycled material calculators is an example to reflect our efforts to reduce energy wastages, use fewer resources and eliminate harmful materials. We will continue to contribute to the realization of a sustainable society.



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Green Models =
Environmentally Friendly Calculator

X Series

Ecology, Design CALCULATOR

X MARK I BK/R



- Comfortable, Low-Profile, Durable Keys, provide smooth and silent calculation
- Unique edge-to-edge keypad design
- Business Calculation
- Internal Angled LCD Display
- LCD made from recycled Canon digital cameras optical production process residual material
- 100% solar powered for maximum energy efficiency
- Contains no battery, thus reducing waste
- Premium aluminum lower case with laser engrave

Size: 95.2 x 157 x 13.5mm

Weight: 205g



• Specification Table for the New Models X mark I / X mark I P

Models	Type	Digit	Memory	Dual Power	Battery	Preset Decimal	%±	√	Sign change(+/-)
X MARK I (BK/R)	Semi-Desktop	12	1	Solar Only	Solar Only	---	▲	▲	▲
X MARK I P BK	Palm size AC/DC Printing Calculator	12	1	AC/DC Power	AA × 4 (not included)	0,2,3,4,A,F	▲	---	▲

Ink Roller Printer

X MARK I P BK



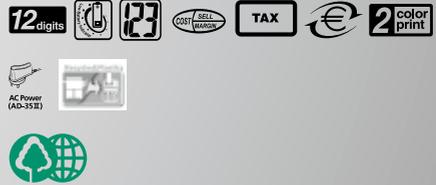
Mark I



- Printing Speed: 2.3 lines/sec
- Printing Color: 2-Color (Blue and Red)
- Tax & Business Calculation
- Currency Conversion
- Decimal and Rounding Selection
- Upright Angled with Backlight LCD Display
- AC Adaptor is included

Size: 223 x 108 x 48 mm

Weight: 458g



MU	→	GT	Rounding	00/000	Tax	Cost Sell Margin Calculation	Currency Conversion	Special Features
---	▲	▲	---	00	---	▲	---	New generation of Green Calculator, Solar power only & Used Canon Digital Camera Production Process Residual material
---	---	---	▲	---	▲	▲	▲	New generation of Green Calculator with large backlight display

Protect Earth, Support Green

RECYCLED MATERIAL CALCULATOR

Developed a new series of recycled material calculators recycled from Canon products, which are manufactured to the highest standards with minimal impact on the environment.

GREEN Series



MP121-MG

Digits	12
Display Type	LCD
Power Source	AC
Printing Colour	2
Speed(l/s)	2.3
Double Injection	---
Business Calculation	▲
Currency Conversion	▲
Tax	▲
Clock & Calendar	▲
Change Functions	---
Dec.Point Selection	▲
Rounding	
GT	▲
Item Count	▲
MU/MD	---
▲ %	---
%±	▲
×	▲
#0	▲
→	▲
+/-	---
00/000	00/000
Ink Cartridge	CP-13
Roll Paper	MP-57
Body Color	Beige

● Specification Table for t

Models	Digits	Power Source	Pres. Decim
LS-63TG	8	Dual Power	---
LS-120TSG	12	Dual Power	---
LS-270G	8	Dual Power	---
HS-20TG	12	Dual Power	+4321
TS-1200TG	12	Dual Power	+4321



1 Material to be disposed
 • Canon Copiers' Material
 • Canon Digital Camera
 production residual material



2 Recycling Plastic



3 Recycled Plastic



4 Produce Plastic Case

New Calculators



6 New Assembly



5 Plastic Cases or Display Panels from Recycled material

The Environmental Models Handheld & Desktop

Model	Tax Calculation	Memory	GT	%±	√	+/-	→	5/4	00	Tilt Display	Body	Keypops	Big Display	Wallet Case
	▲	1	---	▲	▲	▲	---	---	---	---	Real Metal Plate	Plastic	▲	▲
	▲	1	---	▲	---	▲	▲	---	---	Tilt	Champagne Metallic Spray	Plastic	▲	---
	---	1	---	▲	▲	▲	---	---	---	---	Champagne Metallic Spray	Plastic	▲	---
OF	▲	1	▲	▲	▲	▲	▲	5/4	▲	Tilt	Real Metal Plate	Plastic	▲	---
OF	▲	1	▲	▲	▲	▲	▲	5/4	▲	Adjustable	Champagne Metallic Spray	Plastic	▲	---



RECYCLED MATERIAL CALCULATOR

Protect the Earth, Support Green

GREEN Series



LS-270G

TYPE: Handheld

FEATURES:

- Mark up calculation
- With wallet case
- Champagne gold spray upper case with art grey lower case

Size: 103 x 60 x 11.3 mm

Weight: 57g



LS-63TG

TYPE: Handheld

FEATURES:

- Calculator upper & lower case using recycled plastic of Canon products
- Extra large display

Size: 103.5 x 63.5 x 9 mm

Weight: 47g



LS-120TSG

TYPE: Mini Desktop

FEATURES:

- Calculator upper & lower case using recycled plastic of Canon products
- Business sales calculation
- Tax calculation

Size: 140 x 105 x 32 mm

Weight: 128g





HS-20TG

TYPE: Semi-desktop

FEATURES:

- Calculator upper & lower case using recycled plastic of Canon products
- Tax calculation
- Large upright display

Size: 164 x 105 x 33 mm

Weight: 152g



TS-1200TG

TYPE: Desktop

FEATURES:

- Calculator upper & lower case using recycled plastic of Canon products
- Tax calculation
- Extra large adjustable tilt display

Size: 188 x 133 x 29 mm

Weight: 241g



GREEN Series



MP121-MG

TYPE: Ink roller printer

FEATURES:

- Calculator upper & lower case using recycled plastic of Canon products
- Tax calculation
- Business sales calculation
- Currency conversion
- Clock & calendar
- 2.3 lines per second printing speed

Size: 258 x 189 x 61 mm

Weight: 869g



AC/DC Printer

P1-DTS V

TYPE: AC/DC printer

FEATURES:

- Tax calculation
- Business sales calculation
- 1.4 lines per second printing speed
- Low battery indicator
- Internal & external paper roll storage
- Rubber keypads
- Battery operated or optional main adaptor
- Professional image with silver metallic body

Size: 205 x 105x 50 mm

Weight: 381g (Includes 4 x AA batteries)



P23-DTS V

TYPE: AC/DC printer

FEATURES:

- Tax calculation
- Business sales calculation
- Calendar & clock display & print-out
- 2.3 lines per second printing speed
- Battery operated or optional main adaptor
- Easy to operate, spacious keyboard in a compact body
- Convenient "00" Key
- Professional image with silver metallic body

Size: 237 x 155x 55 mm

Weight: 480g (Includes 4 x AA battery)



PRINTING

CALCULATORS



MP20-DH III

TYPE: Ink Ribbon Printer

FEATURES:

- Tax calculation
- Business sales calculation
- Currency conversion and cash change function
- Silent and stable stroke keyboard for fast and steady operation
- 2-color (green & red) backlight LCD display
- 4.3 lines per second printing speed

Size: 334 x 219 x 74.5 mm

Weight: 1600g

12 digits 2 colors display 2 colors print TAX

SELL MARGIN CURRENCY CONVERSION LF

GT M E 1234567890.12

Illuminated Display-Green Color for Positive Calculation

GT M E 1234567890.12

Illuminated Display-Red Color for Negative Calculation

2 COLORS DISPLAY

● Specification Table for the Environmental Models Printers

Models	Digits	Display Type	Power Source	Printing Colour	Speed (l/s)	Double Injection	Business Calculation	Currency Conversion	Tax	Clock & Calendar	Change Functions	Dec. Po Select
P1-DTS V	12	LCD	AAx4/AD-35	1	1.4	---	▲	---	▲	---	---	---
P23-DTS V	12	LCD	AAx4/AD-35	2	2.3	---	▲	---	▲	▲	---	▲
P29-DIV	10	FTD	AC	2	3.6	▲	---	▲	---	---	---	▲
BP37-DTS	12	LCD	AC	1	5.6	---	▲	---	▲	---	▲	---
MP20-DH III	12	2-color	AC	2	4.3	---	▲	▲	▲	---	▲	▲

AC/DC Printer

P29-DIV

TYPE: Ink Ribbon Printer

FEATURES:

- Currency conversion
- Gross profit and versatile count function
- Easy to read fluorescent display
- Double injection key
- 3.6 lines per second printing speed

Size: 300 x 207x 76 mm

Weight: 1650g

10 digits FLUORESCENT DISPLAY 2 colors print CURRENCY CONVERSION



BP37-DTS

TYPE: Bubble jet printer

FEATURES:

- Tax calculation
- Business sales calculation
- Cash change function
- Multi language print-out function
- Automatic variable printing function
- 5.6 lines per second printing speed

Size: 190 x 294x 69 mm

Weight: 1200g

12 digits TAX COST SELL MARGIN



Printion	Rounding	GT	Item Count	MU/MD	%	%±	×	#	→	+/-	00/000	Ink Cartridge	Roll Paper	Body Color
	5/4	---	---	---	---	▲	---	▲	---	▲	---	CP-16	MP-57	Silver
	↑5/4↓	---	▲	---	---	▲	▲	▲	▲	▲	00	CP-13	MP-57	Silver
	5/4↓	▲	▲	▲	▲	▲	▲	▲	▲	▲	00	M-310/Ep-102	MP-57	Beige
	↑5/4↓	▲	▲	---	---	▲	▲	▲	▲	---	00/000	CJ-3A/II	MP-58	Beige
	↑5/4↓	▲	▲	---	---	▲	▲	▲	▲	---	00/000	EP102	MP-57	Silver



DESKTOP

CALCULATORS

The perfect choice for your calculation needs both at home and in the office. Our models range from mini-desktop size to larger professional desktop sized models - stylish and easy to use. Key functions include Tax, Business Sales and Currency Conversion to make your calculation easy and hassle free every time.

LS-88V II

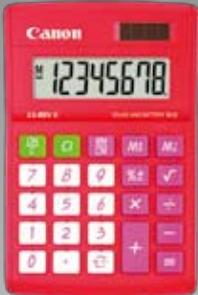
TYPE: Mini desktop

FEATURES:

- Portable compact size
- Large upright angle display
- Colours available: red, blue

SIZE: 139 × 91 × 28mm

WEIGHT: 83g



LS-120V II

TYPE: Mini desktop

FEATURES:

- Decimal and rounding selection
- Grand total function
- Large upright angle display
- Wide keyboard
- Colours available: red, blue

SIZE: 140 × 105 × 32mm

WEIGHT: 124g



LS-82Z

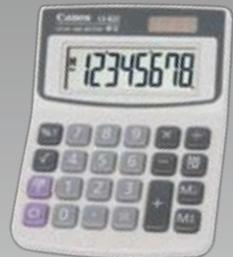
TYPE: Mini-mini desktop

FEATURES:

- Portable compact size
- Large upright angle display
- Sturdy rubber stands

SIZE: 111 × 88 × 32mm

WEIGHT: 64g



LS-100TS

TYPE: Mini desktop

FEATURES:

- Tax calculation
- Business sales calculation
- Large and durable plastic keytops

SIZE: 135 × 103 × 32mm

WEIGHT: 102g





LS-121TS

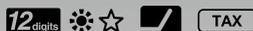
TYPE: Mini Desktop

FEATURES:

- Tax calculation
- Business sales calculation
- Large upright angle display
- Stylish metallic silver body

SIZE: 148 × 107.5 × 31mm

WEIGHT: 132g



WS-200H

TYPE: Desktop

FEATURES:

- Adjustable tilt display
- Wide spacious keyboard

SIZE: 141 × 146 × 28mm

WEIGHT: 158g



TX-220TS

TYPE: Desktop

FEATURES:

- Tax calculation
- Business sales calculation
- Adjustable tilt display

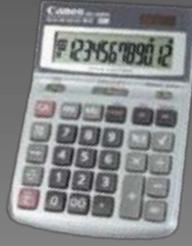
SIZE: 145 × 145.5 × 30mm

WEIGHT: 166g



● Specification Table for the New Models Desktop

Models	Digits	Power Source	Preset Decimal	Business Calculation	Tax Calculation	Currency Conversion	Check & Correct	MU	Men
BS-1200TS	12	Dual Power	+43210F	▲	▲	---	---	---	
HS-1200RS	12	Dual Power	+43210F	▲	---	---	▲	---	
HS-1200TS	12	Dual Power	+43210F	▲	▲	---	---	---	
KS-1200TS	12	Dual Power	+43210F	▲	▲	---	---	---	
LS-100TS	10	Dual Power	---	▲	▲	---	---	---	
LS-121TS	12	Dual Power	---	▲	▲	---	---	---	
LS-82Z	8	Dual Power	---	---	---	---	---	---	
TX-220TS	12	Dual Power	+420F	▲	▲	---	---	---	
WS-1210T	12	Dual Power	+43210F	---	▲	---	---	▲	
WS-200H	10	Dual Power	---	---	---	---	---	---	
LS-88VII (R/B)	8	Dual Power	---	---	---	---	---	---	
LS-120VII (R/B)	12	Dual Power	---	---	---	---	---	---	



HS-1200TS

TYPE: Desktop

FEATURES:

- Tax calculation
- Business sales calculation
- Large upright angle display
- Professional image with silver metallic body
- Key roll over function

SIZE: 174 × 123 × 38mm

WEIGHT: 170g



HS-1200RS

TYPE: Desktop

FEATURES:

- 100 steps check & correct calculation
- Business sales calculation
- Large upright angle display
- Key roll over function

SIZE: 174 × 123 × 38mm

WEIGHT: 170g



WS-1210T

TYPE: Desktop

FEATURES:

- Tax calculation
- I.T. touch keyboard
- Grand total function
- Large, adjustable tilt display

SIZE: 198 × 150 × 38mm

WEIGHT: 238g



Memory	RV	GT	%±	√	+/-	→	5/4	00	Tilt Display	Body	Keypots	Big Display
1	---	▲	▲	---	▲	▲	↓5/4↑	▲	Tilt	Real Metal Plate	Double Injection Key	▲
1	---	---	▲	▲	▲	▲	↓5/4↑	▲	Upright	Plastic with Silver Spray	Plastic	---
1	---	▲	▲	▲	▲	▲	↓5/4↑	▲	Upright	Plastic with Silver Spray	Plastic	---
1	---	▲	▲	▲	▲	▲	↓5/4↑	▲	Upright	Real Metal Plate	Double Injection Key	▲
1	---	---	▲	▲	▲	▲	---	---	Upright	Plastic with Silver Spray	Plastic	▲
1	---	▲	▲	▲	▲	▲	---	▲	Upright	Plastic	Plastic	▲
1	---	---	▲	▲	---	---	---	---	Upright	Plastic	Plastic	▲
1	---	▲	▲	▲	▲	▲	↓5/4↑	▲	Tilt	Plastic	Plastic	▲
1	▲	---	▲	▲	▲	▲	↓5/4↑	▲	Tilt	Plastic	Plastic	▲
1	---	---	▲	▲	▲	---	---	---	Tilt	Plastic	Plastic	▲
1	---	---	▲	▲	▲	---	---	---	Upright	Plastic	Plastic	---
1	---	▲	▲	▲	▲	▲	5/4	▲	Upright	Plastic	Plastic	---



DESKTOP Calculators



Feature Highlight

Double Injection Keys

(only for KS-1200TS
& BS-1200TS)

Structure of Double Injection Keys



2nd injection of
plastic - making
the number

1st injection of
plastic - making
the key

Normal Key: the numbers are
printed on the key top

Double Injection Key: the numbers
are **made of plastic** and embedded



Increase in Durability!

KS-1200TS

TYPE: Semi desktop

FEATURES:

- Tax calculation
- Business sales calculation
- Highly durable double injection keys
- Silent input technology
- Metal slide switch & cosmetic plate casing
- Non slippery rubber at side and back for stable use in palm or desk
- Large upright angle display
- Key roll over function

SIZE: 172 × 107 × 24mm

WEIGHT: 183g

12 digits



TAX

COST SELL MARGIN





BS-1200TS

TYPE: Desktop

FEATURES:

- Tax calculation
- Business sales calculation
- Highly durable double injection keys
- Silent input technology
- Metal slide switch & cosmetic plate casing
- Extra large adjustable tilt display (free angle up to 70°)
- Key roll over function

SIZE: 184 x 129 x 29mm

WEIGHT: 238g



DESKTOP Calculators



HANDHELD

Handheld Calculators

Compact & Convenient



LD

suitable for Business & Leisure

Compact and slim sized - suitable for daily use. Our models are light weight, and are easy to carry around. The different colours and designs provide convenience and add fun to your work and daily routine



LC-210L

TYPE: Handheld

FEATURES:

- 360 degrees rotation hard cover (upward folding cover)
- Auto power saving function
- Modern colour and design with two-tone finish

SIZE: 59 × 97 × 10mm

WEIGHT: 40g



LS-390H

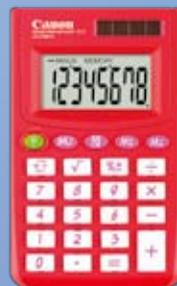
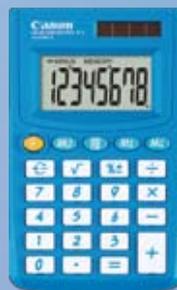
TYPE: Handheld

FEATURES:

- Ergonomically designed
- 360 degrees rotation hard cover (upward folding cover)
- Large plastic keys
- Extraction of square root and sign change

SIZE: 119.5 × 73.5 × 11.5mm

WEIGHT: 62g



LS-270V II

TYPE: Handheld

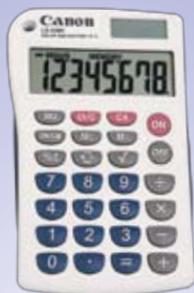
FEATURES:

- Extra large display
- Durable plastic keytops
- Colours available: red, blue

SIZE: 102 × 61 × 10mm

WEIGHT: 37g





LS-330H

TYPE: Handheld

FEATURES:

- Large liquid crystal display
- Mark up key
- Extraction of square root and sign change

SIZE: 114 × 70 × 11mm

WEIGHT: 50g



LS-QT

TYPE: Handheld

FEATURES:

- Canon unique design
- Large Display
- Rubber keytops

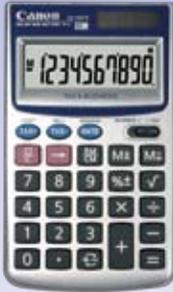
SIZE: 115 × 80 × 12mm

WEIGHT: 50g



● Specification Table for the New Models Handheld

Models	Digits	Power Source	Preset Decimal	Business Calculation	Tax Calculation	Currency Conversion	Metric Conversion	MU	Me
FC-45S	10	Dual Power	---	---	▲	▲	▲	---	
LS-153TS	10	Dual Power	---	▲	▲	---	---	---	
LS-210L	8	Battery	---	---	---	---	---	---	
LS-330H	8	Dual Power	---	---	---	---	---	▲	
LS-390H	8	Dual Power	---	---	---	---	---	---	
LS-QT	8	Dual Power	---	---	---	---	---	---	



LS-153TS

TYPE: Handheld

• FEATURES:

- Tax calculation
- Business sales calculation
- Professional image with silver metallic body

SIZE: 122 × 75 × 12mm

WEIGHT: 69g



FC-45S

TYPE: Handheld

FEATURES:

- Metric conversion (40 metric conversion functions)
- Tax and currency exchange
- Percentage calculation

SIZE: 125 × 80 × 13mm

WEIGHT: 73g



Memory	GT	%±	√	+/-	→	00	Tilt Display	Body	Keytops	Big Display	Wallet Case	Hard Cover
1	---	▲	---	▲	---	---	---	Plastic With Silver Spary	Rubber	▲	▲	---
1	---	▲	▲	▲	▲	---	---	Plastic With Silver Spary	Rubber	▲	▲	---
1	---	▲	▲	▲	---	---	---	Plastic	Plastic	▲	---	▲
1	---	▲	▲	▲	---	---	---	Plastic	Rubber	▲	---	---
1	---	▲	---	▲	---	---	---	Plastic	Plastic	▲	---	▲
1	---	▲	▲	---	---	---	---	Plastic	Rubber	▲	---	---

TRAVEL



(KC-30BL)

(KC-30Y)

KC-30

TYPE: Handheld

FEATURES:

- Key Chain Calculator
- 8-digit display
- available in Australian Green and Yellow design (KC30Y)
- available in Australian Southern Cross design (KC30BL)

SIZE: 75 × 42 × 13mm

WEIGHT: 28g

8 digits



CC-55

TYPE: Alarm Clock Calculator

FEATURES:

- 8-digit Calculator
- 16 Cities world Time & Clock
- Calendar Display Function
- Alarms (Built-in with 8 Melodies)
- Count Down Timer Function
- Currency Conversion
- Power Source: CR-2032x1

SIZE: 71.5 × 130 × 14mm(opened)

WEIGHT: 77g

8 digits



Timer

Melody Alarm



SYMBOL GUIDE

No. of Digit

-  8-digit Calculation Capacity
-  10-digit Calculation Capacity
-  12-digit Calculation Capacity

Power Source

-  Dual Power
-  Battery

Display Type

-  Big Display
-  Fluorescent Display
-  Two Colors Display

Display Angle

-  Internal Angle Display
-  Tilt Display
-  Upright Angle Display

Value Added Function

-  Business Sales Calculation (Cost, Sell, Margin)
-  Cash Change Function
-  Currency Conversion
-  Clock & Calendar
-  Grand Total Function
-  Low Battery Indicator
-  Metric Conversion
-  Check & Correct
-  Tax Calculation

Additional Function

-  Mark Up & Mark Down Calculation
-  Mark Up Calculation

Printing Type

-  Bubble Jet Printing
-  Multi Language Print-out
-  Two Colors Printing

Key Type

-  Double Injection Key
-  I.T. Touch Keyboard
-  Silent Input

Protective Case

-  360° Protective Hard Case
-  Wallet Case

Environmental Standard Compliance

-  Lead Free Product

FUNCTION HIGHLIGHT

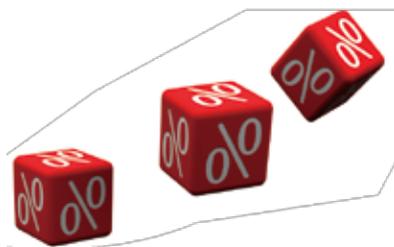


Business Sales Calculation Example



Calculation	Operation	Display
E.g. 1. Calculating Cost Selling Price: \$1,500 Profit Margin: 30% Cost = ?	1. Input: 1 5 0 0 SELL 2. Input: 3 0 MARGIN Result: 1'050.	SELL: 1500 COST: 1050
E.g. 2. Calculating Selling Price Cost: \$2,000 Profit Margin: 20% Selling Price = ?	1. Input: 2 0 0 0 COST 2. Input: 2 0 MARGIN Result: 2'500.	COST: 2000 SELL: 2500
E.g. 3. Calculating Profit Margin Cost: \$1,500 Selling Price: \$2,000 Profit Margin = ?	1. Input: 1 5 0 0 COST 2. Input: 2 0 0 0 SELL Result: MARGIN% 25.	COST: 1500 MARGIN%: 25

Tax Calculation Example



Calculation	Operation	Display
Calculating Tax Tax Rate: 10% Taxable Income: \$100 Tax + Taxable Income = ?	1. Set Tax Rate: Set TAX+ → 1 0 → Set TAX- 2. Calculation: Set CA → 1 0 0 → Set TAX+ Result: 110	TAX+: 110



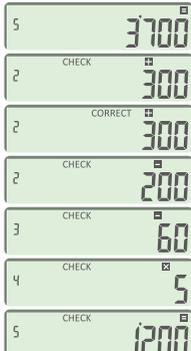
Check & Correct Function



▼ Check

Calculation	Operation	Display
$(500+300-60)\times 5=3,700$	Business • •Check (switch to Check)  500 + 300 - 60 × 5 =  	

▼ Correct

Calculation	Operation	Display
$(500+300-60)\times 5=3,700$ (CORRECT: -200)  $(500-200-60)\times 5=1,200$	500 + 300 - 60 × 5 =  (2 times)  - 200   	

How to choose a printing calculator?

Do you want 1 or 2 colour printing ca

1
Colour

How fast do you want to print?

Low Speed
(1.4 lines per sec.)

High Speed
(5.6 lines per sec.)

What type of display do you prefer?

LCD
(Liquid Crystal Display)

LCD
(Liquid Crystal Display)

1.4 lines per sec.
14.5mm font size

5.6 lines per sec.
18.8mm font size

P1-DTS V



Pg 11

BP37-DTS



Pg 13

2 Colour

How fast do you want to print?

Low Speed
(2.3 lines per sec.)

Medium Speed
(3.6-4.3 lines per sec.)

What type of display do you prefer?

LCD
(Liquid Crystal Display)

FTD
(Fluorescent
Tube Display)

2-colour
Illuminated
Display

What features do you prefer?

Green

Green

Standard

Advanced

2.3 lines per sec.

2.3 lines per sec.
18mm font size

2.3 lines per sec.
12.5mm font size

3.6 lines per sec.
8mm font size

4.3 lines per sec.
15.7mm font size

X MARK I P BK

P23-DTS V

MP121-MG

P29-DI V

MP20DH III



Pg 03



Pg 11



Pg 06



Pg 13



Pg 12

Calculation Tips

ALGEBRAIC OPERATING SYSTEM

Algebraic expressions can be entered just as they are written. A predetermined priority level exists which first calculates high priority then low priority operators.

(eg: Multiplication and division completed prior to addition and subtraction. ie: $4+6 \times 4=28$)

ADDING MACHINE OPERATING SYSTEM

Also described as Business Machine Logic. Numbers entered need to be denoted whether they are positive or negative.

OPERATION KEY SWITCHES

Decimal Point Selection

- Fixed.....Results are calculated to a preselected number of decimal places. eg:2,3 or 4,etc,in accordance with the rounding switch.
- Floating (F).....Results are displayed and printed with no limit on decimal places except the capacity of the display.
- Add Mode (+).....Decimal point placed before last two digits on display and printout. No decimal point entry is needed therefore suitable for currency and cash calculations.

Rounding Selection

- Rounding Off (5/4).....Result of multiplication and division rounded to a whole number. eg. $2.4=2$ and $2.5=3$
- Rounding Down (5/4).....Result reduced to the nearest whole number. eg: $2.6=2$
- Rounding Up (5/4).....Result increased to the nearest whole number. eg: $2.2=3$

Item Count

- Item.....Each addition and subtraction entry is counted and printed on left side of the paper roll.

Average

- Ave.....Totals the number of items entered in addition calculations and works out the average value.

Accumulation

- AM.....Entries or results automatically accumulated in the first memory.
- Sum OPE.....Sum operand feature automatically accumulates multiplication entries in 2nd memory and the results in the 1st memory.

Constant

- K.....Performs multiplication and division calculations by a manual constant.

Business Sales Calculation

- Business.....Results are calculated to cost, selling price or profit margin amount. eg. $100 \text{ [COST]} 200 \text{ [SELL]} = 50 \text{ [MARGIN\%]}$

Tax Calculation

- Tax.....Perform tax calculation

Currency Conversion Calculation

- Convert.....Perform currency conversion and also metric converter if the corresponding rate is registered. (The conversion method is the same as currency conversion.)

Check Calculation

- Check.....Reviews the steps of the calculation.

FUNCTION KEYS

- %±** Performs standard percentages along with add on or discount calculations.
- Δ%** Delta percent key calculates the actual increase/decrease and/or the percentage difference between two numbers-also known as the increase/decrease ratio, also calculates gross profit.
- MU** / **MD** Mark up-selling price calculated based on the cost price and profit margin percentage.
Mark down-cost price calculated from the selling price and profit(10ss)margin percentage.
- CHANGE** Uses for calculating the change amount, it performs accurate and fast change calculation.
- COST** / **SELL** / **MARGIN** Performs cost, selling price and profit margin calculation.
Enter to obtain the balance value item.
eg. enter the value of the cost and the selling price to obtain the profit margin.
- TAX+** / **TAX-** Adds or subtracts the predetermined sales tax rate (%) to/from the calculation.
- UNIT 1** / **UNIT 2** Unit 1 - Convert currency figure displayed from Unit 2 to Unit 1.
Unit 2 - Convert currency figure displayed from Unit 1 to Unit 2.
- ▲** / **▼** Check key allows for reviewing the previous or next calculation step.
- CORRECT** Correct key allows for correcting calculation contents in the Check mode.
- #** Non add key allows the printing of dates, reference numbers, etc. to be printed on left side of paper roll without affecting the calculation.
- ◇** Sub total key allows an intermediate result of a calculation to be printed on left side of paper roll.
- RV** Reverse key automatically switches the operator and operand of a calculation
eg. 8 : 4 changed to 4 : 8
- *** Total key.

CANCEL KEYS

- CI** Clear indication key cancels the displayed numbers and corrects an entry as a whole
- CA** Clear all key cancels all the entries and results, including memory contents.
- CE** Clear entry key cancels an incorrect entry
- C** Clear key cancels an incorrect entry or command and exercise must be restarted.
- Shift key moves displayed numbers to the right thereby deleting numbers each time the key is pressed.

INDEPENDENT MEMORY KEYS

Accumulating/storing in memory

- M+** Results of multiplication and division automatically added to the memory.
Also adds a number to the memory.
- M-** Results of multiplication and division automatically subtracted from the memory.
Also subtracts a number from the memory.

Recalling/clearing memory

- T** Total memory.
- S** Subtotals of calculations recalled without losing the contents in the memory.
- RM** Recalling the contents of the memory.
- CM** Clearing the contents of the memory (for non-printing model)

● Calculator Functionality Compatibility Chart

	X Series		Green						Handheld					
	X MARK I BK/R	X MARK I PBK	LS - 63TG	LS - 270G	LS - 120TSG	HS - 20TG	TS - 1200TG	MP121 - MG	FC - 45S	LC - 210 L	LS - 270V II	LS - 330H	LS - 390H	LS - 390T
Tax Calculation		▲	▲		▲	▲	▲	▲	▲					
Business Sales Calculation	▲	▲			▲			▲						
Currency Calculation		▲						▲	▲					
Check and Correct														
Illuminated 2-color Display														



Tax Calculation

Models featuring convenient tax calculation keys save you time by simplifying complex calculations. Just press the relevant key to add or subtract predetermined tax rates at a touch.



Business Sales Calculation

Perform complex calculations quickly and easily with our business sales calculators and save time. Cost, Sell and Margin functions allow you to calculate profit margins automatically, without the need for complicated formulae.



Currency Conversion

Our calculators with currency conversion enable you to make quick conversions between currencies at the push of a button. This handy function is available on selected models of printing and non-printing calculators for added convenience.

							Desktop Display							Portable Printing		Ink Ribbon Printing		Bubble Jet Printing
LS - 153TS	BS - 1200TS	HS - 1200RS	HS - 1200TS	KS - 1200TS	LS - 100TS	LS - 121TS	LS - 82Z	TX - 220TS	WS - 1210T	WS - 200H	LS - 88 V II	LS - 120 V II	CC - 55	P1 - DTS V	P23 - DTS V	P29 - D I V	MP20DH III	BP37 - DTS
▲	▲		▲	▲	▲	▲		▲	▲					▲	▲		▲	▲
▲	▲	▲	▲	▲	▲	▲		▲						▲	▲		▲	▲
													▲			▲	▲	
		▲																▲



Check & Correct

Our calculators with a check & correct function bring added accuracy and precision to long and complex calculations. You can move forwards or backwards through a calculation—right up to 100 steps and make any corrections that are required instantly. Thus eliminating the risk of calculation errors.



Illuminated 2-colour Display

To see clear calculation results. Many of our office printing calculators featured the illuminated 2-colour display, which offer high reliability and easy identification.

Cash Change Calculation

Cash Change Calculation

Purchase Price: \$250
 \$300
 \$270
 \$820

Cash Paid: \$1,000
 Change Price = ? (\$180)

250	+
300	+
270	+
	=
1,000	CHANGE

250.00	+
300.00	+
270.00	+
820.00	*

CASH	1,000.00
CHANGE	180.00

Cash Change with Tax Calculation

Purchase Price: \$1,930
 Change Price with Tax =
 \$2,026.5 (Tax Rate 5%)

Cash Paid: \$2,500
 Change Price = ? (473.50)

1,930	TAX+
2,500	CHANGE

1,930.	
TAX%	5.
TAX	96.50
TAX+	2,026.50 ◇

CASH	2,500.00
CHANGE	473.50

Cash Change with Memory Calculation

Purchase Price: \$1,730
 Cash Paid: \$2,000
 Change Price = ? (\$270)

Cash Paid: \$1,800
 Change Price = ? (\$70)

1,730	M±
2,000	CHANGE
1,800	S
1,800	CHANGE
	T

1,730.00	M+
1,730.00	◇

CASH	2,000.00
CHANGE	270.00

1,730.00	S
CASH	1,800.00
CHANGE	70.00

1,730.00	T

Accessories & Consumables

● AC Adapters

Item	Models
AD-35	P1-DTS V, P23-DTS V
AD-35II	X MARK I P

● Batteries

Item	Models
CR-2016	LS-63TG
CR-2032	BS-1200TS, KS-1200TS, HS-20TG, TS-1200TG, LS-121TS, LS-120TSG, LS120V II TX-220TS, WS-1210T, LS-QT, MP121-MG, X Mark I Print
CR-2025	LS-330H, CC55
LR-1130	LS-82Z, LS-153TS, LC-210L, LS-390H, LS-270G, LS-270V II, LS-88V II
LR-44	HS-1200RS, HS-1200TS, LS-100TS, WS-200H
AA	P1-DTS V, P23-DTS V
LR-54	FC-45S

● Ink Roller, Ink Ribbon & Ink Cassette

Item	Models
CP-13	P23-DTS V, MP-121MG, X Mark I Print
CP-16	P1-DTS V
CJ-3A II	BP37-DTS
EP-102	P29-D IV, MP20 DH III

● Roll Paper

Item	Models
MP-57	P1-DTS V, P23-DTS V, P29-D IV, MP20DH III, MP121MG, X Mark I Print
JP-57	BP37-DTS

Specifications are subject to change without prior notice.

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