INTRODUCTION

Please, read before using. Your calculator may not have all of the functions listed in this manual.

OPERATING THE CALCULATOR

[ON/C] / [C]: Power ON. LCD clearing.

[OFF]: Power OFF.

[C] / [CE]: LCD clearing without losing calculation.

If a number is too big to show, the calculator stops and displays "E." Press [C] / [CE] to continue.

[CA] / [AC]: Power on. Total clearing of all calculations including memory.

[+] / [-]: Press to change the displayed number from positive to negative and vice versa. "-" appears when the number is negative.

Square root.

Percent key.

Example

<table>
<thead>
<tr>
<th>Example</th>
<th>Keys</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 × 27% = 81</td>
<td>[3] [0] [×] [0] [⇒] [2] [%]</td>
<td>81.00</td>
</tr>
<tr>
<td>11.2 + 50 × 20% = 200</td>
<td>[1] [1] [.] [2] [+] [5] [0] [⇒] [2] [%]</td>
<td>20.00</td>
</tr>
<tr>
<td>1400 × 12% = 168</td>
<td>[1] [4] [0] [×] [0] [⇒] [1] [2] [%]</td>
<td>168.00</td>
</tr>
<tr>
<td>1400 × 15% = 210</td>
<td>[1] [4] [0] [×] [0] [⇒] [1] [5] [%]</td>
<td>210.00</td>
</tr>
</tbody>
</table>

[|] / [|]: [00—0—]: Correction key. Shift a displayed number digit by digit to the right, until you get to the digit you want to re-input.

[GT]: Grand total lets you perform cash register calculations simply and quickly. Every time you press [GT], the displayed number is memorized and "GT" appears. Press [GT] to display the sum of all memorized numbers.

DEC SET:

If your calculator is equipped with this key or combination of two keys you can use it for decimal places adjustment (the adjustment is changed by each pressing). The currently selected number of decimal places is displayed. If you select the letter "F" you switch to so called floating decimal place system, which displays results without rounding.

Note: On some models, the "DEC SET" function is set by pressing two keys at the same time, which is clearly displayed directly on the calculator.

[ANS]: The result of the previous calculation (which is obtained by means of pressing [⇒] or [%]) will be kept in calculator's memory. If you use "ANS" mode, you can recall the result of the previous calculation by pressing [ANS] and use it in your following calculation.

RESUME: If your calculator is equipped with this key or automatically switches off, press this key to continue in your previous calculations.

"GT" POSITION: If your calculator does have this feature, use this position in order to get the sum of all memorized variables entered by pressing [⇒] or [%].

[ANS]: If your calculator is equipped with this key, when you press it "ANS" is displayed.

"ANSWER CHECK" POSITION: If your calculator does have this feature, use this position in case you need to compare results. If the result obtained by pressing [⇒] or [%] agrees with the succeeding tested result "OK" will be displayed. Pressing [CA] will clear the previous calculated result disabling the comparison.

Financial Answer Check is not possible to use for tax rate calculations and multiple conversions.

Decimal Place Selector

F: Floating decimal place, which displays the value without rounding.

5, 4, 3, 2, 1, 0: Number of decimal places is set to 5,4,3,2,1,0 according to your selection.

A / ADD: ADD Mode – Addition and subtraction calculations are performed with an automatic 2-digit decimal so that decimal point entry is not required.

Rounding Selector

↓↓: Rounds down.

↓↓↓: Rounds up.

5/4: Rounds off the decimal to the specified number of places according to the rule 5/4.

FINANCIAL CALCULATIONS

[+TAX] / [−TAX] / [RATE] / [⇒ SET]: If there is the key [RATE] or [⇒ SET] together with the keys [+TAX] and [−TAX] on your calculator, kindly proceed as follows when calculating taxes:

1. Set a tax rate:
   Press [C] / [C-CE] enter the tax rate press [⇒] or [⇒ SET] [+TAX].
2. Calculation of amount including tax:
   Press [C] / [C-CE] enter or calculate a value before tax and press [+TAX].
   Calculator will display the amount including tax.
3. Displaying of the current tax rate:
   Press [−TAX] the LCD must be cleared before by pressing [C] / [C-CE] [C-CE].

4. Calculation of amount excluding tax:
   Having the tax rate already entered you can calculate an amount excluding tax. Just enter the total amount including tax and press [−TAX]. You will see the amount without tax on the LCD.

Remark: Some calculators use tax keys named [TAX+] / [TAX−] instead of the [+TAX] / [−TAX]. But the functionality of the keys is the same.

[+TAX] / [−TAX]: If there are just the keys [+TAX] and [−TAX], but the key [RATE] and [⇒ SET] is missing on your calculator, kindly proceed as follows when calculating taxes:

1. Set a tax rate:
2. Calculation of amount including tax:
   Enter or calculate a value before tax and press [+TAX].
   Calculator will display the amount including tax.
3. Displaying of the current tax rate:
   Press [−TAX] (the LCD must be cleared before by pressing [C] / [C-CE] [C-CE]). You will see the amount without tax on the LCD.

Remark: Some calculators use tax keys named [TAX+] / [TAX−] instead of the [+TAX] / [−TAX]. But the functionality of the keys is the same.

M:[MU]

Example 1: Cost Price = 350 €, Markup = 30 %

Enter [3] [5] [0] [MU] [+TAX] [0] [MU] and the Selling Price 500 € is displayed. After you press [MU] once again. Your Markup at 150 € is displayed.

Example 2: Sales price = 500 €, Markup = 30 %

Enter [5] [0] [0] [+TAX] [0] [MU] and the Cost Price 350 € is displayed.

Example 3: Cost Price = 350 €, Markup = 30 % on cost

Enter [3] [5] [0] [+TAX] [0] [MU] and the Selling Price 455 € is displayed.

Example 4: Selling price = 455 EUR, Markup = 30 % on cost

Enter [4] [5] [5] [+TAX] [0] [MU] and the Cost Price 350 € is displayed. After you press [MU] once again. Your Markup 105 € is displayed.

Currency Conversions: For these calculations there are different keys for different types of calculators. It is also possible that your calculator does not have this functionality at all. If your calculator is equipped with currency conversion keys, please find below your combination according to the pictures of the keys and check the instruction next to the pictures:

Example 1:

Cost Price = 450 EUR, Markup = 30 % on cost

Enter 450, 30, 0, MU and the Selling Price 560 is displayed.

Example 2:

Selling Price = 500 €, Markup = 30 %

Enter 500, 30, 0, MU and the Cost Price 350 € is displayed.

Example 3:

Selling Price = 500 €, Markup = 30 % on cost

Enter 500, 30, 0, MU and the Cost Price 350 € is displayed.

Example 4:

Selling price = 455 EUR, Markup = 30 % on cost

Enter 455, 30, 0, MU and the Cost Price 350 € is displayed.

Remark: If you would like to see the stored exchange rate just press [RATE] once again.

In case your calculator does have the keys [C] / [C-CE] and [C-CE], then press [RATE] and press [C-CE] once again. If the conversion itself is then performed easily. Just enter the value which you would like to convert and press [C-CE]. To enter the exchanged rate clear the LCD by pressing [C] / [C-CE] and press [C-CE].

If you wish to see the stored exchange rates by means of pressing [C-CE] you can recall the previously selected number of exchange rates by pressing [C-CE].

Example 1: Exchange rate must have 6 digits. Please, enter the exchange rate having the 6th digit. Press [C-CE] enter the exchange rate (e.g.: 1.95583) and then press [C-CE].

Example 2: Selling price = 455 EUR, Markup = 30 % on cost

Enter 455, 30, 0, MU and the cost Price 350 € is displayed.
[6] [LOCAL] [SET]: In case your calculator does have the keys [6] [LOCAL] [SET], kindly proceed as in the example below when calculating the currency conversions:

Example 1: Set the conversion rate for € at 32:
Enter [3] [2] [SET] [6]. 32 is displayed.

Example 2: Convert the value of 100 € to a local currency:
Enter [1] [0] [0] [SET] [6]. 3200 is displayed.

Example 3: Convert 75 in a local currency to €:
Enter [ON] [SET] [6]. [7] [5] [6]. 2.34375 is displayed.

[COST] [SELL] [MGN] [FIND]: Enter two known values from the three following items: Cost (COST), Selling Price (SELL) and Margin (MGN) by entering the value and pressing the corresponding key. The third unknown value will be displayed. If your calculator does have the key [FIND] on top, the third value will be displayed by pressing the key [FIND] and corresponding key for the item you have been searching for ([COST], [SELL], or [MGN]).

Remark: Some calculators use a key which is named [MARGIN] instead of [MGN] for margin calculations. There is no difference between them.

MEMORY FUNCTIONS

[M+]: Press to add the displayed number to memory. "M" is displayed.

[M–]: Press to subtract the currently displayed number from memory.

[R•CM] / [MRC]: Press once to recall the number in memory. Press twice to clear memory.

[RM] / [MR]: Press to recall the number in memory.

[C] / [MC]: Press to clear the memory.

CHECK&CORRECT FUNCTION

[CAT]: Press to recall the previous steps of the current calculation.

Each time you press [CAT], calculation formulas are recalled in order they are entered, while each time [CAT] is pressed, calculation is recalled in reverse.

Remark: Some calculators could use keys named [CAT] [CAT] [CAT] for the same functionality as keys [CAT] and [CAT].

Using the keys above you could move to some steps of the calculation you would like to correct. If you reach a value to correct, press [CAT], enter the correct value and eventually correct its sign (e.g. you would like to replace "÷" sign with "×" or place "–" instead of "+"). After this press the key [CAT], LCD could turn off for about 3 seconds and when it is turned on once again your new value is stored in the calculation.

POWER SUPPLY / CARE

• This calculator uses either dual power system (solar cell and battery) or battery power.
• Note that a dead battery can leak and damage the calculator if left in the battery compartment for long periods.
• Do not press too hard against the LCD panel because it contains glass.
• Do not attempt to disassemble the calculator.
• Since this product is not waterproof, do not use it or store it where fluids, for example water, can splash onto it.
• Do not drop it or apply excessive force.
• Clean with a soft, dry cloth.

Battery replacement

• When you change the battery, use the new battery of the same type as it is printed of the back side of the calculator or its alternative.
• Unscrew the back side of the calculator and remove the back cover.
• Take out the original battery using e.g. a ballpoint pen and install a new battery to the same place.
• Orientation of the new battery must be the same as the orientation of the original one.
• Put the back cover on the calculator and screw it.

FOR MORE INFORMATION ABOUT SHARP CALCULATORS VISIT:

http://www.sharp-calculators.com