

### ENGLISH

- After reading this manual, store it in a convenient location for future reference.

### BEFORE USE (FOR THE SUPERVISING ADULT)

- Do not press too hard against the LCD panel because it contains glass.
- Never dispose of the battery in a fire.
- Keep battery out of reach of children.
- This product, including accessories, may change due to upgrading without prior notice.
- Since this product is not waterproof, do not use it or store it where fluids, for example, water, can splash onto it. Raindrops, water spray, juice, coffee, steam, perspiration, etc. will also cause malfunctioning.
- For the sake of your health, try not to use this product for long periods of time. If you need to use the product for an extended period, be sure to allow your eyes, hands, arms, and body adequate rest periods (about 10–15 minutes every hour). If you experience any pain or fatigue while using this product, discontinue use immediately. If the discomfort continues, please consult a doctor.

SHARP will not be liable nor responsible for any incidental or consequential economic or property damage caused by misuse and/or malfunctions of this product and its peripherals, unless such liability is acknowledged by law.

### SPECIFICATIONS (FOR THE SUPERVISING ADULT)

Type:	Electronic calculator
Operating capacity:	10 digits
Power supply:	Built-in solar cell and lithium battery (3.0V --- (DC) CR2025 × 1)
Automatic Power-off:	Approx. 7 min.
Operating temperature:	0°C – 40°C (32°F – 104°F)
Dimensions:	83 mm (W) × 125 mm (D) × 19 mm (H) 3-9/32" (W) × 4-29/32" (D) × 3/4" (H)
Weight:	Approx. 59 g (0.13 lb) (including battery)
Accessories:	Lithium battery (installed), Operation manual

### KEY FUNCTIONS

**ON**  
**CCE** **Power On/Clear/Clear Entry key:** Press to turn the calculator on. Press once to clear the display of entered numbers. Press twice to clear any values and calculation instructions remaining in the calculator.

**CA** **Clear All key:** Press to clear all memories stored in calculator. (This does not clear the number of questions nor operator settings in Math Drill mode.) Press to clear numbers or symbols not required on the display if **CCE** does not clear them.

**X**  
**TABLE** **Multiplication Table Drill Mode key:** Press to enter Multiplication Table Drill mode.

**+/-**  
**x ÷** **Math Drill Mode key:** Press to enter Math Drill mode. Each successive press of the key cycles through the available selections: Mixed random → Addition random → Subtraction random → Multiplication random → Division random

**Q** **Question Count Switch key:** With Math Drill mode's initial screen displayed, press to cycle through the number of questions. You can choose 25, 50, or 100 questions.

**Enter**  
**=** **Equals/Enter key:** Press to complete arithmetic operations in Calculator mode. In Drill mode, press to start a drill or complete a question.

**√** **Square Root key:** Press to calculate the square root of the number displayed.

**π** **pi key:** Press to enter the circular constant (rounded to 3.14 in this calculator).

**+/-** **Change Sign key:** Press to change the algebraic sign of a number (i.e., positive to negative or negative to positive).

**%** **Percent key:** Press to perform percentage calculations.

**+** **-** **x** **÷** **Arithmetic Operator keys:** Press to perform addition/subtraction/multiplication/division calculations.

**0** **-** **9** **.** **Numeric Entry keys:** Press to enter numbers.

Note: In this manual, **ON**, **CCE** can appear as **ON**, **CCE** or **CCE** depending on the operation. Also, **Enter** can appear as **Enter** or **=** depending on the operation.

### MODE SELECTION

#### Calculator mode

- Select Calculator mode to perform basic calculations. To switch from Drill mode to Calculator mode, press **CCE**. (If a question is displayed on the screen, press **±**, **TABLE**, or **Q**, then **CCE**.)

#### Drill mode

##### Math Drill mode

- Press **±** or **Q** to select Math Drill mode. The number of questions and the **Q** symbol appear.

##### Multiplication Table Drill mode

- Press **X** **TABLE** to select Multiplication Table Drill mode. The **Q** and **X** **TABLE** symbols appear.

### ESPAÑOL

- Luego de leer este manual, guárdelo en un sitio conveniente para tenerlo al alcance para futuras referencias.

### ANTES DE USAR (PARA EL ADULTO SUPERVISOR)

- No empuje demasiado fuerte contra el panel de LCD porque contiene vidrio.
- No tire nunca las pilas al fuego.
- Guarde las pilas fuera del alcance de los niños.
- Este producto, incluyendo los accesorios, puede sufrir cambios debidos a mejoras sin previo aviso.
- Debido a que este producto no es a prueba de agua, no deberá ser utilizado o guardado en lugares donde pudiera ser salpicado por líquidos, por ejemplo agua. Las gotas de lluvia, salpicaduras de agua, jugos o zumos, café, vapor, transpiración, etc. también perjudican el funcionamiento del producto.
- Por el bien de su salud, no intente usar este producto durante periodos de tiempo largos. Si tiene que usar el producto durante mucho tiempo, asegúrese de permitir que sus ojos, manos, brazos y cuerpo descansen durante periodos de tiempo adecuados (de 10 a 15 minutos cada hora aproximadamente). Si experimenta dolores o fatiga mientras usa este producto, deje de usarlo inmediatamente. Si las molestias continúan, consulte a un médico.

SHARP no será responsable de ningún daño imprevisto o resultante, en lo económico o en propiedades, debido al mal uso de este producto y sus periféricos, a menos que tal responsabilidad sea reconocida por la ley.

### ESPECIFICACIONES (PARA EL ADULTO SUPERVISOR)

Tipo:	Calculadora electrónica
Capacidad de funcionamiento:	10 dígitos
Potencia:	Celda solar incorporada y pila de litio (3.0V --- (CC) CR2025 × 1)
Desconexión automática de corriente:	Aprox. 7 min.
Temperatura de funcionamiento:	0°C – 40°C
Dimensiones:	83 mm (Ancho) × 125 mm (Largo) × 19 mm (Alto)
Peso:	Aprox. 59 g (incluyendo la pila)
Accesorios:	Pila de litio (instalada), manual de manejo

### FUNCIONES DE LAS TECLAS

**ON**  
**CCE** **Tecla de encendido/borrado/borrado de introducciones:** Púlsela para apagar la calculadora. Púlsela una vez para borrar la visualización de los números introducidos. Púlsela dos veces para borrar cualquier valor e instrucción de cálculo que pueda quedar en la calculadora.

**CA** **Tecla de borrado total:** Púlsela para borrar todas las memorias almacenadas en la calculadora. (Esto no borra el número de preguntas ni los ajustes de operadores en el modo de ejercicio matemático.) Púlsela para borrar números o símbolos que no sean necesarios en la pantalla si no los borra **CCE**.

**X**  
**TABLE** **Tecla del modo de ejercicio con tabla de multiplicar:** Púlsela para entrar en el modo de ejercicio con tabla de multiplicar.

**+/-**  
**x ÷** **Tecla del modo de ejercicio matemático:** Púlsela para entrar en el modo de ejercicio matemático. Cada pulsación seguida de la tecla cambia la selección de: Mezcla aleatoria → Suma aleatoria → Resta aleatoria → Multiplicación aleatoria → División aleatoria.

**Q** **Tecla de cuenta de preguntas:** Con la pantalla inicial del modo de ejercicio visualizada, púlsela para cambiar entre el número de preguntas. Puede elegir 25, 50 ó 100 preguntas.

**Enter**  
**=** **Tecla de igual/introducción:** Púlsela para completar operaciones aritméticas en el modo de la calculadora. En el modo de ejercicio, púlsela para iniciar un ejercicio o completar una pregunta.

**√** **Tecla de raíces cuadradas:** Púlsela para calcular la raíz cuadrada del número visualizado.

**π** **Tecla de pi:** Púlsela para introducir una constante circular (redondeada a 3.14 en esta calculadora).

**+/-** **Tecla de cambio de signo:** Púlsela para cambiar el signo algebraico de un número (es decir, de positivo a negativo o de negativo a positivo).

**%** **Tecla de porcentaje:** Púlsela para realizar cálculos de porcentaje.

**+** **-** **x** **÷** **Teclas de operadores aritméticos:** Púlselas para realizar sumas/restas/multiplicaciones/divisiones.

**0** **-** **9** **.** **Teclas de introducción de números:** Púlselas para introducir números.

Nota: En este manual, **ON**, **CCE** puede aparecer como **ON**, **CCE** o **CCE** dependiendo de la operación. Además **Enter** puede aparecer como **Enter** o **=** dependiendo de la operación.

### SELECCIÓN DE MODO

#### Modo de calculadora

- Seleccione el modo de calculadora para realizar cálculos básicos. Para cambiar del modo de ejercicio al modo de calculadora, pulse **CCE**. (Si se visualiza una pregunta en la pantalla, pulse **±**, **TABLE** o **Q** y luego pulse **CCE**.)

#### Modo de ejercicio

##### Modo de ejercicio matemático

- Pulse **±** o **Q** para seleccionar el modo de ejercicio matemático. Aparecen el número de preguntas y el símbolo **Q**.

##### Modo de ejercicio con tabla de multiplicar

- Pulse **X** **TABLE** para seleccionar el modo de ejercicio con tabla de multiplicar. Aparecen los símbolos **Q** y **X** **TABLE**.

### HOW TO PERFORM BASIC CALCULATIONS / PARA EFECTUAR CÁLCULOS BÁSICOS

- Before performing a calculation, press **CCE** twice to clear any residual values and commands in the calculator. Symbols such as “=” and “+”, “-”, “x”, “÷” appear on the display but are not shown in the examples below. If “E” is displayed, press **CCE** to clear the error condition.
- Antes de realizar un cálculo, pulse **CCE** dos veces para borrar cualquier valor y comando residual de la calculadora. Los símbolos tales como “=” y “+”, “-”, “x”, “÷” aparecen en la pantalla pero no se muestran en el ejemplo de abajo. Si se visualiza “E”, pulse **CCE** para cancelar la condición de error.

Example Ejemplo	Key operations Operación de las teclas	Display Visualización
	<b>CCE</b> <b>CCE</b>	<b>0.</b>
(-24 + 2) ÷ 4 = -5.5	<b>-</b> <b>24</b> <b>+</b> <b>2</b> <b>÷</b> <b>4</b> <b>=</b>	<b>-5.5</b>
13 × (-4) ÷ 2 = -26	<b>13</b> <b>x</b> <b>4</b> <b>÷</b> <b>2</b> <b>=</b>	<b>-26.</b>

Example Ejemplo	Key operations Operación de las teclas	Display Visualización
34 + 57 = 91 45 + 57 = 102	<b>34</b> <b>+</b> <b>57</b> <b>=</b> <b>45</b> <b>+</b> <b>57</b> <b>=</b>	<b>91.</b> <b>102.</b>
38 - 26 = 12 35 - 26 = 9	<b>38</b> <b>-</b> <b>26</b> <b>=</b> <b>35</b> <b>-</b> <b>26</b> <b>=</b>	<b>12.</b> <b>9.</b>
68 × 25 = 1700 68 × 40 = 2720	<b>68</b> <b>x</b> <b>25</b> <b>=</b> <b>68</b> <b>x</b> <b>40</b> <b>=</b>	<b>1700.</b> <b>2720.</b>
35 ÷ 14 = 2.5 98 ÷ 14 = 7	<b>35</b> <b>÷</b> <b>14</b> <b>=</b> <b>98</b> <b>÷</b> <b>14</b> <b>=</b>	<b>2.5</b> <b>7.</b>
200 × 10% = 20	<b>200</b> <b>x</b> <b>10</b> <b>%</b>	<b>20.</b>
(9 ÷ 36) × 100 = 25	<b>9</b> <b>÷</b> <b>36</b> <b>%</b>	<b>25.</b>
200 + (200 × 10%) = 220	<b>200</b> <b>+</b> <b>10</b> <b>%</b>	<b>220.</b>
500 - (500 × 20%) = 400	<b>500</b> <b>-</b> <b>20</b> <b>%</b>	<b>400.</b>
	<b>2</b> <b>x</b> <b>π</b> <b>x</b> <b>4</b> <b>=</b>	<b>25.12</b>
4 <sup>6</sup> = (4 <sup>3</sup> ) <sup>2</sup> = 4096	<b>4</b> <b>x</b> <b>=</b> <b>=</b> <b>x</b> <b>=</b>	<b>4096.</b>
√25 - 9 = 4	<b>25</b> <b>-</b> <b>9</b> <b>=</b> <b>√</b>	<b>4.</b>
1/8 = 0.125	<b>8</b> <b>÷</b> <b>=</b>	<b>0.125</b>
2 + 3 → 2 + 4 = 6	<b>2</b> <b>+</b> <b>3</b> <b>CCE</b> <b>4</b> <b>=</b>	<b>6.</b>
5 × 2 → 5 ÷ 2 = 2.5	<b>5</b> <b>x</b> <b>÷</b> <b>2</b> <b>=</b>	<b>2.5</b>
9876543212 ÷ 0.444 × 555 = 1234.567901 × 10 <sup>10</sup>	<b>9876543212</b> <b>÷</b> <b>0.444</b> <b>x</b> <b>555</b> <b>=</b> <b>(1234.567901 × 10<sup>10</sup> = 12345679010000)</b>	<b>ε2.224446669</b> <b>1'234.567901</b>

### In U.S.A.:

#### LIMITED WARRANTY

VICTOR TECHNOLOGY LLC warrants to the first consumer purchaser that this Sharp brand product (the "Product"), when shipped in its original container, will be free from defective workmanship and materials and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the purchaser for parts or labor for the period(s) set forth below.

This warranty does not apply to any appearance items of the Product nor to the additional excluded item(s) set forth below nor to any Product the exterior of which has been damaged or defaced, which has been subjected to improper voltage or other misuse, abnormal service or handling, or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the purchaser should follow the steps set forth below and provide proof of purchase to the service center. The limited warranty described herein is in addition to whatever implied warranties may be granted to purchasers by law. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE PERIOD(S) FROM THE DATE OF PURCHASE SET FORTH BELOW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described herein on behalf of Victor.

The warranties described herein shall be the sole and exclusive warranties granted by Victor and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of Victor to the purchaser with respect to the Product, and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. In no event shall Victor be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized service center. Nor shall Victor be liable or in any way responsible for any incidental or consequential economic or property damages. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Your Product:	Electronic Calculator
Warranty Period for this Product:	One (1) year parts and labor from date of purchase.
Additional Items Excluded from Warranty Coverage:	Any consumable items such as paper, maintenance cartridge, ink cartridges supplied with the Product or to any equipment or any hardware, software, firmware, fluorescent lamp, power cords, covers, rubber parts, or peripherals other than the Product.
How to Obtain Service:	Call Victor Technology LLC toll free at 1-844-578-1637 or email SharpService@victortech.com. You may be asked to ship your Product to Victor Technology LLC for repair. Be sure to have proof of purchase available. If you ship or mail the Product, be sure it is packaged carefully.

TO OBTAIN SUPPLY, ACCESSORY OR PRODUCT INFORMATION, CALL 1-844-578-1637.

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