in the memory.
To clear the memory depress the ON/C key followed by the x -M key.

- When the statistical mode is set

X : Used to obtain the mean value of the data. ($\bar{x}$)

2ndF Σx² Used to obtain the sum of squares of data. ($\sum x^2$)

⑳ S 0 RM Recall memory/statistical calculation key
RM : Displays the contents of the memory. The contents of the memory remain unchanged after this key operation.

- When the statistical mode is set.

S : Used to obtain the standard deviation of the sample of data.
2ndF 0 : Used to obtain the standard deviation of the population of data.

⑳ DATA CD M+ Memory plus/DATA CD key
M+ : Used to add the number being displayed or a calculated result to the contents of the memory. When subtracting a number from the memory, depress the +/- and M+ keys in this order.

- When the statistical mode is set.

DATA : Used to enter the data (numbers).
2ndF CD : Used to correct the mis-entry. (delete function).

⑳ +/- +/- Change sign key
Changes the sign of the number displayed

from a positive to a negative or vice versa.
Example 5 +/- → - 5

㉚ RND • Decimal point/random number Key

• : Example: 12.3 → 1 2 • 3
0.7 → • 7

2ndF RND : These keys are used to generate uniform random numbers from 0.000 to 0.999.

Note: Random number generation is not possible when binary/octal /hexadecimal system mode is set.

㉛ % = Equals/percent key
= : Completes four arithmetic calculations (+, x, +), xFi, Yx, and complex number calculations.
2ndF % : Used for the percentage calculation and add-on/discount calculation.

DISPLAY

(1) Display format

2ndF DEG
M
E - 1234567890. (Floating decimal system, normal display)

2ndF DEG STAT
M
E 12345678-99 (Scientific notion system)

Mantissa   Exponent

(2) Symbols

- : : Minus symbol Indicates that the number in the display following the "-" is a negative.

M : Memory symbol Appears when a number is stored in the memory.

E : Error symbol Appears when an overflow or an error is detected.

2ndF : 2nd function designation symbol Appears when the 2nd function is designated

HYP : Hyperbolic function designation symbol Appears when hyperbolic function is designated.

DEG : Degree mode symbol Appears when the degree mode is designated or shows that the angular mode of the converted result is in degree. Exponent

RAD : Radian mode symbol Appears when the radian mode is designated or shows that the angular mode of the converted result is in radian.

GRAD: GRAD: Grad mode symbol Appears when the grad mode is designated or shows that the angular mode of the converted result is in grad.

( ) : Parenthesis symbol Appears when a calculation with parenthesis is performed by depressing the (key.

BIN : BIN: Appears when the binary system mode is set or shows the displayed number is a binary number.

OCT : OCT: Appears when the octal system mode is set or shows the displayed number is an octal number.

HEX : HEX - Appears when the hexadecimal system mode is set or shows the displayed number is a hexadecimal number.

CPLX : CPLX: Appears when the complex number mode is set.

STAT : STAT: Appears when the statistical calculation mode is set.

---

(3) Display system
This machine displays a calculation result (x), if it is within the following range, in the floating decimal point system.

0.000000001≤ 1 x 1≤ 9999999999

And otherwise the machine displays x in the scientific notation system. However a calculation result within the above range is also capable of being displayed in the scientific notation system by pressing the F-E key.

Example: 2ndF TAB 9
• 5 ÷ 9 = → 0.055555556

(The 10th decimal place is rounded.)

F-E   5.5555555-02 (The 10th decimal place of the mantissa is rounded.)

F-E   0.055555556

2ndF TAB •   0.055555555 This is determined by the calculator in the form of 5.5555555556 x 10¹ Rounding the 11th digit of the mantissa results in 5.555555556 x 10². When changed to the floating decimal display, the rounded parts may not be displayed as in this example.

BATTERY REPLACEMENT

If the display becomes dark or dim, replace the batteries with new ones according to the following procedure.

Battery: and calculator
CR 1220 x 1 for LCD writing tablet

1. Turn off the calculator.
2. Remove the battery cover.
3. Replaces the batteries (+ side must be up)
4. Push in the battery cover.
5. After the replacement, press the OFF and ON/C keys in this order to clear the calculator.

When the batteries are correctly installed "DEG 0."will be displayed. (If the display shows nothing or a meaningless symbol, or the keys become inoperative, remove the batteries and install them again. Press OFF and ON/C keys in this order and check the display again.)

Note: - wipe off the surface of the new batteries with dry cloth and then install the batteries. Always replace both of the batteries at the same time.

Note: - when function or calculation error, press RESET.

CAUTION

- Do not use a sharp object on the screen
- Do not expose the product to high temperatures
- Do not throw or put excess weight on the product
- Wipe gently with a dry cloth while cleaning
- Contains small parts, not suitable for children below 3 years.

CUSTOMER CARE DETAILS

Customer Care Address: The Customer Care Manager, Theo Solutions Pvt Ltd. 43, Sarvodaya Industrial Estate, Near Paper Box, Off Mahakali Caves Road, Andheri (E), Mumbai – 400 093. Maharashtra, India.

Customer Care Email: support@xech.com

WhatsApp Customer Support: +91 93249 57452

Scan the QR code &
follow us on Instagram

Website: www.xech.com

Scan the alongside QR code to register for warranty. If you face any issues in registering the warranty, please get in touch with our customer support team by writing to us at support@xech.com and we will gladly assist you.

This product should not be put / thrown away with regular trash at the end of its useful life. It must be disposed at a central point for recycling of electric and electronic domestic appliances. This symbol on the appliance, instruction manual and packaging is meant to warn you. The materials used in this appliance can be recycled.

PRODUCT WARRANTY

XECH warrants that the product will be free from any manufacturing defects & takes responsibility in case the device fails to function for a period of one year from the date of the original invoice.

The warranty period validity is also subject to the following conditions:

- The customer has to register the warranty for the product on https://xech.com/pages/warranty within 15 days from the date of purchase.
- The product is not given to some external repair personnel.
- It is only valid in the Indian Subcontinent.
- If the device is not immersed in water. It also does not cover natural wear & tear or rough usage.
- If the instruction manual is not followed & the device is not used in an improper manner.
- If the device is not used for its stated functionality.
- If the device is not used by children below 3 years or someone incapable or using the device.
- The customer can claim warranty by visiting our website www.xech.com or contacting our customer support team by writing to us at support@xech.com.
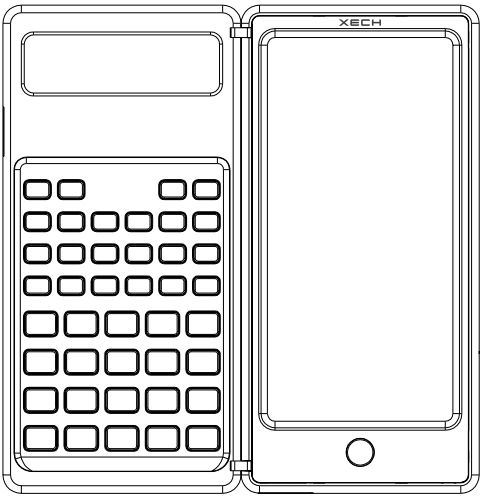
WARRANTY

Purchasing Date :
Invoice No:
Dealer Information:

XECH®

DigiFold PRO

10 Digit Scientific Calculator with E-Writer

User Manual

DigiFold PRO
10 Digit Scientific Calculator with E-Writer
Smart Calculations with Effortless Writing

DESCRIPTION

XECH DigiFold PRO is a one of a kind scientific calculator with an LCD notepad. This allows you to calculate & note down complex calculations without the need for paper. DigiFold PRO has been designed to especially improve learning and improve work efficiency thanks to its simplified operation. DigiFold PRO comes with dual replaceable batteries & a convenient foldable design making it practical and stylish, making it ideal for students or professionals.

10 DIGIT SCIENTIFIC CALCULATOR

The scientific calculator comes loaded with 56 functions that allow you to calculate Trigonometrical, Logarithmic, Permutation, Combination, Hyperbolic, Statistical and many other Mathematical & Arithmetic functions.

LCD E-WRITER

The 5.5 inch LCD E-Writer comes with a large writing surface that allows you to note down calculations eliminating the need to waste paper for rough calculations. It comes with an erase button to clear the screen. It comes with a stylus pen for effortless writing & a dedicated stylus slot to safely store the pen.

PRODUCT SPECIFICATIONS

- Calculator Battery: CR1120
- E-Writer Battery: CR1220
- Material: ABS + Silicone + LCD Panel
- E-Writer Screen: 5.5 inches
- Dimensions: Folded: 16cm x 8cm x 1.3cm
           Unfolded: 16cm x 15.6cm x 0.6cm
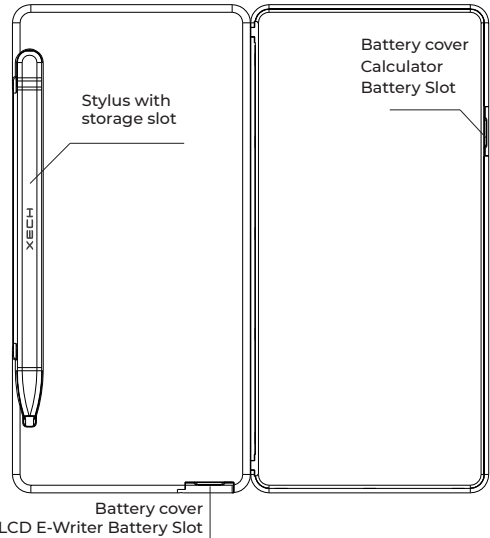- Weight: 120 grams

---

PRODUCT FEATURES
- Scientific Calculator with E-Writer
- Foldable Design
- Dual Batteries
- Automatic Shut Down

CALCULATOR FUNCTIONS
- Statistical Calculations
- Trigonometric Calculations
- Logarithm Calculation
- Hexadecimal Calculations
- Summation
- Time Series
- Factorials
- Tabulations

CALCULATOR FEATURES
- 10 Digit Calculator
- Scientific Application
- Soft Silicone Keys
- 42 Keys

LCD E-WRITER FEATURES
- Large Writing Surface
- Dedicated Stylus Slot
- Erase Button
- Bright Display

Stylus with storage slot

Battery cover
Calculator Battery Slot

XECH

Battery cover
LCD E-Writer Battery Slot

THE KEYBOARD

① OFF
② STAT ON/C
③ 2ndF
④ DRG▶ DRG
⑤ arc hyp hyp
⑥ sin⁻¹ cos⁻¹ tan⁻¹ sin cos tan
⑦ TAB F↔E
⑧ n! CE
⑨ →D. MSD →DEG
⑩ e⁻ˣ ₑ In
⑪ 10ˣF log
⑫ →r θ a
⑬ →xy b
⑭ CPLX →
⑮ π A EXP
⑯ ˣ√y B yx
⑰ ³√c √
⑱ 1/x x²
⑲ →
⑳ n Σ x →
㉑ 0 ~ 9
㉒ →BIN ÷
㉓ →OCT X
㉔ →HEX -
㉕ →DEC +
㉖ x̄ Σx² x→M
㉗ S d RM
㉘ DATA CD M+
㉙ +/-
㉚ RND •
㉛ =

PRODUCT FEATURES

① OFF Press this key to turn the calculator off. Automatic Power-Off Function (A. P. O.) This calculator is automatically turned off approximately 8 minutes after the last key operation to save the batteries.

② STAT ON/C Power on and clear/statistical calculation mode key =
ON/C Push this key to turn the calculator on. It is ready for operation. When pushed during operation it clears the calculator except for the memory.
2ndF STAT Statistical program will be activated. When the calculator is set to the statistical calculation mode through these keys the symbol 'START' appears, and at the same time the numerical values and calculation commands, except for memory contents are cleared. Meanwhile in the statistical calculation mode the) , X-M , RM and M+ keys work as the n , X , S & DATA keys, respectively.
And pushing these keys immediately after the 2ndF key th/ work as the Σx , Σx² 0 and CD keys.

③ 2ndF 2nd function designation key

④ DRG▶ DRG Degree/Radian/Grad selector/angular unit conversion key
DRG Used for calculation of trigonometric, inverse trigonometric and coordinate conversion. The DRG key changes the angular mode.

DEG → RAD → GRAD

DEG— RADA GRAD 7 (DRG)
Ex. DEG —GRAD: Depress the key "DRG" twice.
'DEG" mode - Entries and answers are in decimal degrees.
'RAD' mode - Entries and answers are in radians
*GRAD"mode - Entries and answers are in grads.

$$(100^g = 90^o = \frac{\pi}{2})$$

2ndF DRG▶ : It has the function of the DRG key as well as converting the displayed number into a number of the specified angular mode.

⑤ arc hyp hyp Hyperbolic/arc hyperbolic Key

⑥ sin⁻¹ sin cos⁻¹ cos tan⁻¹ tan TAB Trigonometric/inverse trigonometric function key

⑦ F↔E Display format exchange/Tabulation key
F↔E When a calculation result is displayed in the floating decimal point system, pushing the key displays the result in the scientific notation system Pushing the key once more displays the result in the floating decimal point system again
2ndF TAB : To specify the number of decimal digits in the calculation result.

⑧ CE Clear entry/Factorial key
CE : Used to clear an incorrectly entered number.
123 + 455 CE 456 = → 579.
2ndF n! : Calculates the factorial of the displayed number. Factorial of
n • (n- 1)• (n-2)······2 • 1

⑨ →D MSD →DEG Degree/minute/second—Decimal degrees conversion/hexadecimal number key
→DEG 2ndF DMS To convert degree/minute/ second to decimal degree and vice versa.
D : Hexadecimal number "D" key. (effective only in hexadecimal number model -

⑩ eˣ E In HEX mode)
In Natural logarithm antilogarithm and hexadecimal number key
In : Used to obtain the logarithm base a (a = 2.718281828).
2ndF eˣ : Calculates the antilogarithm base e of the displayed number.
E HEX mode Hexadecimal number "E" key.

---

⑪ 10ˣF log Common logarithm/antilogarithm and hexadecimal number key
log : Used to obtain the logarithm with the base of 10.
2ndF 10ˣ : Calculates the antilogarithm with the base of 10.
F HEX mode Hexadecimal number "F" key.

⑫ →r θ a Real number enter/coordinate conversion key
a : This is used when the real parts of complex numbers are to be Inputted and when calling the real parts of calculation results.
· This is used during coordinate conversions when the X coordinate of the Rectangular Coordinates (X, Y) is input or when the r of the polar coordinates (r, 0) is input. It is also used for calling the calculated values of X or r.
: Converts rectangular coordinate into polar coordinate.

⑬ →xy b Imaginary number enter/coordinate conversion key
b : · This is used when the imaginary parts of complex numbers are to be input and when calling the imaginary parts of the calculation results.
· This is used during coordinate conversions when the Y coordinate of the Rectangular coordinates (x, Y) is input or when the e of the polar coordinates (r, u) is input. It is also used for calling the calculated values of Y or 0 .
2ndF →y Converts polar coordinate into rectangular coordinate.

⑭ CPLX → Right shift/complex number mode key 1-1:
— Example

Key in		Display
① 12356 → →		123.
		45 12345
② 5 EXP 24 → →		5. 00
		35 5. 35

---

⑯ 2ndF CPLX : Used to set the complex number mode.
⑮ π A EXP Enter exponent/Pi and hexadecimal number key
EXP : To enter number in scientific notation.
2ndF π The constant x (x = 3.141592654) is entered.
A : HEX mode Hexadecimal number 'A' key.

ˣ√y B yx y√x ʸ√x and hexadecimal number key
yx : Depressed for multiplication.
yx : Raises a number to a power.
2ndF ˣ√y Calculates the Xth root of Y.
B HEX mode Hexadecimal number 'B' key.

⑰ ³√c √ Lf.s. = Square root/cube root and hexadecimal number key :
√ Calculates the square root of the number displayed.
2ndF ³√ Calculates the cube root of the number displayed.
C HEX mode Hexadecimal number "C" key.

⑱ 1/x x² Square/reciprocal key:
x² : Calculates a square of the number displayed.
2ndF 1/x : Calculates the reciprocal of the number displayed.

⑲ → Open parenthesis/exchange key :
(: Used to open parenthesis.
2ndF x→y Used to exchange the number being displayed with the number stored in the working register. (x—y)

㉙ n Σ x) Close parenthesis/statistical calculation key
) : Used to close parenthesis. When the statistical mode is set.
n : Displays the number of samples : entered.(n)
2ndF Σx MlEI: Used to obtain the sum of the date

㉑ 0 ~ 9 Number keys Used to enter numbers.

㉒ →BIN ÷ Division/binary number mode key
÷ : Depressed for division
: Used to set the binary system mode.
2ndF →BIN : Converts the number displayed Into a number in base 2

㉓ →OCT X Multiplication/octal number mode key :
X : Depressed for multiplication.
X : Used to set the octal system mode.
2ndF →OCT : Converts the number displayed into a number in base 8.

㉔ →HEX - Minus/hexadecimal number mode key =I:
- : Depressed for subtraction.
: Used to set the hexadecimal system mode. Converts the number displayed Into a number in base 16.

㉕ →DEC + Plus/decimal number mode key
+ : Depressed for addition.
2ndF →DEC : Used to set the decimal system mode (normal mode). Converts the number displayed Into a number in base 10.

㉖ x̄ Σx² x→M ® Memory-in/statistical calculation key
x→M Clears the number in the memory and then store the number being displayed