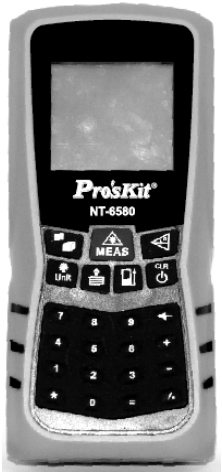
Pro'sKit®

IEC/EN 60529
IP54

NT-6580

Laser Distance Measurer (80M)



User Manual

1st Edition

Thank you for buying Pro'sKit NT-6580 Laser Distance Measurer (80M). Please read these instructions carefully before using the product.

User manual

Contents

Brief Introduction ----------1
Safety instructions----------2
Buttons ----------3
Basics ----------3
Measurement ----------5
Numeric Keypad----------9
Troubleshooting ----------11
Icons----------12
Function list and specifications----------13
Care----------14

1. Brief Introduction

NT-6580 Laser Distance Measurer measures distances up to 80 meters in just one second with 2.0 millimeter accuracy. It's integrated with a worldwide unique feature: Numeric Keypad.

NT-6580 is the world's leading laser distance measurer integrated with numeric keypad, which works as a calculator, also computes measured data. It's efficient and convenient, saves your time and trouble for data processing and notes taking.

Other features that come with NT-6580 are also helpful and easy to use include:

- 360° tilt measurement
  NT-6580 measures inclination up to 360° range, so that distance to inaccessible objects can be measured using trigonometric function.
- Looks and feels fantastic
  NT-6580 housing is designed like a sports car, and it adopts double injection technology, ABS+TPU materials, offers a gorgeous appearance and comfortable touch feeling.

In the box:

NT-6580 device*1
Lithium Battery*1
Charger*1
USB Cable*1
Pouch*1
Documentations (User Manual*1)

2. Safety instructions

WARNING: Failure to follow these safety instructions could result in fire, electric shock, or other injuries, or damage to NT-6580 Laser Distance Measurer or other property. Read all the safety information below before using NT-6580.

Laser classification

NT-6580 uses a visible laser beam which emerges from the front of the instrument.

Laser Class 2 products:

Do not stare into the laser beam or direct it towards other people unnecessarily. Eye protection is normally afforded by aversion responses including the blink reflex.

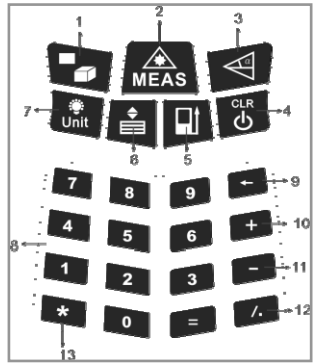
WARNING:

Looking directly into the beam with optical aids (e.g. binoculars, telescopes) can be hazardous. Do not look directly into the beam with optical aids.

Looking into the laser beam may be hazardous to the eyes. Do not look into the laser beam. Make sure the laser is aimed above or below eye level.

3. Buttons

1. Area/Volume/ Pythagoras
2. Power On/Measuring/Laser on
3. Tilt/Auto Level/Auto Height
4. Power off /Cancel/Back/Clear
5. Reference
6. Historical Data
7. Units/LCD Backlight
8. Numeric Keypad
9. Backspace
10. Adding
11. Subtraction
12. Division/ Decimal Point
13. Multiplication



4. Basics

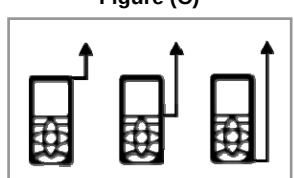
Power On And Off

Long press MEAS to power on the instrument and activate the laser. The display is on and shows the battery symbol until the next button is pressed.

Long press ⏻ to power off the instrument.

The instrument will be switched off automatically after three minutes of inactivity.

Figure (C)



Reference Setup

See Figure (C)

Press ■ to switch reference point between tripod thread, the top and the bottom of the instrument. There is beep warning tone when reference pint is changed.

The default reference setting is from the bottom of the instrument. The reference point will be set to default every time when it's powered off, I.E. the measuring reference point is from the bottom of the instrument every time when it's powered on.

Display Backlight

Press to switch on or off the display backlight. User can trigger the function when he/she is in dark situation. The value is clearly visible on the display.

Distance Unit Setup

Long press to change the distance unit between m, ft, in, ft+/in. Long press again to continuously change the next unit.

Clear/Cancel

When measuring or calculating, user can press to cancel the last action, until all data on display are cleared and go back to single distance measurement interface.

Historical Data

Press to view historical data, including 20 measured and calculated results, shown in reversed order.

Press to go back to single distance measurement interface.

5. Measurement

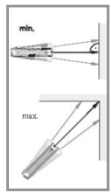
Single Distance Measurement

Follow the steps below to take single distance measurement.

(1) Press to activate the laser, and aim at the object which is to be measured.

(2) Press again to take measurement. Results will be seen on display immediately.

Figure (D)



Continuous Measurement

Long press button, until you hear beeps, to activate continuous measurement. Under this mode, minimum or maximum distance can be measured from a fixed measuring position by sweeping ideal points.

It's usually used to find the right angle and diagonal. User can press MEAS or ⏻ to stop continuous measurement and the values of minimum and maximum distances are shown in the display as well as the last measured value in the summary line.

Area Measurement

Press ▟ once, the symbol ▱ appears on display.

Press MEAS to take the first distance measurement (e.g. Length).

Press MEAS again to take the second distance measurement (e.g. width).

The results of length, width, perimeter, area will be seen on display orderly.

Volume Measurement

Press ▟ twice, the symbol ▭ appears on display.

Following the hint, press MEAS to activate laser, and aim at the target, press again to take the first distance measurement (e.g. Length). Then measure the width, and then height, the result of volume will be seen in the summary line.

Indirect Measurement

This device can measure distance to inaccessible points, such as the distance to a wall which is blocked by obstacles, or the height of a tree, using trigonometric function.

To ensure measuring accuracy, indirect measurement should be based on the following conditions:

(1) The measuring points of the object which is to be measured should be on the same horizontal or vertical line.

(2) Put the device at a fixed but horizontally and vertically rotary tripod.

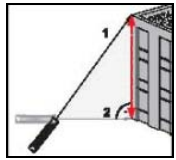


Figure (E)

Indirect Measurement: Pythagoras Two Points

As shown in Figure (E), if user wants to measure the height of a building, he can use Pythagoras to calculate the height.

(1) Press three times, the symbol appears on display.

(2) Press MEAS to activate laser and aim at the point which is to be measured.

(3) Press MEAS again to take the first measurement, and again to take the second measurement.

(4) The height of building (third side of triangle), first and second distance value will be seen on display.

Note:

(1) The device will automatically determine the longer distance as triangle's hypotenuse, and shorter distance as right-angle side.

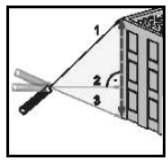
(2) When measuring right-angle side (Distance 2 in Figure E), user should ensure laser beam is right-angled to the target line.

(3) User can press ON/C to delete any measured length and then press MEAS to re-measure.

Indirect Measurement: Pythagoras Three Points

As shown in Figure (F), there is another function to measure the height of the building.

Figure (F)



(1) Press four times, the symbol appears on display.

(2) Press MEAS to activate laser and aim at the point which is to be measured.

(3) MEAS again to take the first measurement, and again to take the second and third measurement.

(4) The height of building, first, second and third distance value will be seen on display.

Note:

(1) The device will automatically determine the longer distance as triangle's hypotenuse, and shorter distance as right-angle side.

(2) When measuring right-angle side (Distance 2 in Figure E), user should ensure laser beam is right-angled to the target line.

(3) User can press to delete any measured length and then press to re-measure.

Triangle area measurement

(1) Press five times, the symbol appears on display and one of edge flash.

(2) Press to activate laser and aim at the point which is to be measured, than LCD will show first distance, then second edge flash. Press again to get second distance, then third edge flash. Press again to get third distance and triangle area will showed on LCD at same time.

Tilt Measurement

Press to activate tilt sensor, the symbol appears on display.

The tilt is continuously shown as ° or % depending on the setting.

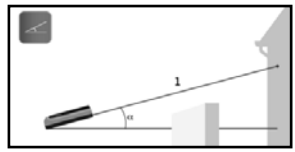
Press to record the tilt on display, and take a distance measurement.

Note:

The tilt sensor measures inclination between ± 180°.

The accuracy of tilt sensor is 0.3°.

Figure (G)



Auto Horizontal Measurement

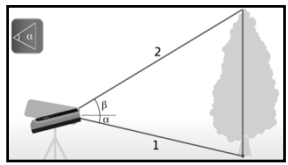
Press twice, the symbol appears on display. Press to measure tilt and hypotenuse distance,

results of tilt, distance of hypotenuse and two right-angle sides will be seen on display. Refer to Figure (G).

Auto Height Measurement

Press third times, the symbol appears on display. Press MEAS button to measure distance to the top and to the bottom of the object, distance of two hypotenuse, and height of object will be seen on display. Refer to Figure (H).

Figure (H)



Addition / Subtraction

Press MEAS to take a measurement, then press + button, and press MEAS to take the second measurement, the second value will be automatically added to the first one.

Press MEAS to take a measurement, then press − button, and press MEAS to take the second measurement, the second value will be automatically subtracted from the first one.

Note:

This process can be repeated as required.

6. Numeric Keypad

Numeric keypad was integrated into NT-6580 Laser Distance Measurer, which can be used as an ordinary calculator, and also used in the calculation of measurements.

Launch/Quit Calculator

Launch: When the device is in the mode of measurement, viewing historical data, or standby, press any numeric key（0～9）or * to enter Calculator, meanwhile a calculator icon will be seen on display.

Quit: When the device is in calculator mode, press  to clear data, press again to quit calculator mode.

Keypad List

	Addition
	Subtraction
	Multiplication
	Division (Long press)/Decimal Point
←	Backspace
=	Equal Sign

Ordinary Calculator

When in calculator mode, user can use the device to do four arithmetic operations (Addition, Subtraction, Multiplication, and Division.), the figure is accurate up to four decimal places.

Calculator in Measuring

When a measurement was taken, and user enters into calculator mode, the device will use the measurement result as an original data to do calculation. User can also edit original data, such as press backspace ← to clear digital, or use numeric keypad to add digital, or even press MEAS to re-measure.

When the original data was confirmed, user presses operational character (+,-,*,/),then uses numeric keypad to input new digits or press MEAS to take new measurement, the results of calculation will be seen on display after user presses the Equal Sign＝.

This process can be repeated as required.

Calculator in Viewing Historical Data

When viewing historical data and user enters into calculator mode, the device will use the historical data as the original data to do the calculation. User can also edit historical data, such as press backspace ← to clear digital, or use numeric keypad to add digital, or even press MEAS to re-measure.

When the original data was confirmed, user presses operational character (+,-,*,/), then uses numeric keypad to input new digitals or press MEAS to take new measurement, the results of calculation will be seen on display after user presses the Equal Sign＝.

This process can be repeated as required.

7. Troubleshooting

All errors or failures will be shown as codes. The following table explains the meaning of codes and solutions.

Code	Cause	Corrective Measure
204	Calculation error	Refer to user menu, repeat the procedures.
208	Currency for LD out of range	If cannot be solved after several times of reboot, meaning the instrument is out of work, please contact your distributor.
220	Battery too low	Recharge the battery
253	Temperature too low	Warm up instrument
255	Receiver signal too weak, measurement time too long	Use target plate or change a good refection.
256	Received signal too strong	Target too reflective, use target plate or do not aim at strong light objective.
Error	Hardware error and uncertainty error	Switch on/off the device several times. If the symbol still appears, then your instrument is defective. Please contact your distributor.

8. Icons

Icon	Function	Description ("- - -" refers to the side to be measured)
	Battery status	Show the battery level
	Reference	Front: ; Rear: ; Tripod thread:
	Area measurement	Step1: Length: -> Step2: Width
	Volume measurement	Step1: Length:  ->Step2: Width:  ->Step3: Height
	Indirect (2 points) measurement	Step1: hypotenuse  ->Step2: base-side : 
	Indirect (3 points) measurement	Step1: first side:  ->Step2: second side  ; ->Step3: third side 
	Triangle area measurement	Step1: first distance  ; Step2: second distance  ;Step3:Third distance
	Tilt measurement	Shows the inclination and hypotenuse
	Auto level	Step 1: shows inclination, hypotenuse and horizontal distance
	Auto height	Step 1: distance to top ; Step 2: distance to bottom
	Continuous measurement	First value display line: minimum value Second value display line: maximum value Third value display line: latest value
	Historical data	20 Records
	Calculator icon	Device is in calculator mode.

9. Function list and specifications

Part Number	**NT-6580**
Measurement range	0.2 ~ 80m
Typical measuring accuracy	±2.0mm
Area measurement	√
Volume measurement	√
Pythagorean two/three points	√
Min/max, continuous measurement	√
Add/subtraction	√
Tilt measurement	√
Tilt measurement range	±180°
Tilt measurement accuracy	0.3°
Calculator	√
Measuring units	m/in/ft/ft+in
Battery type	Rechargeable lithium battery
Battery capacity	1200mAh (BL-4C)
Battery life	20,000 measurement times (Only for reference.)
Display	4-line dot matrix
Backlight	√
Beeper	√
Historical data	20 sets
Operating temperature	0°c ~ 40°c
Storage temperature	-10°c ~ 60°c
Auto laser off	30 seconds
Auto instrument off	180 seconds
Laser class	Class 2
Laser type	635nm, ＜1mW
Ingress protection	IP54
Dimensions	120 x 54 x 28mm
Weight (Not including battery)	122g

Remark

[1] Applies for 100 % target reflectivity (white painted wall), low background illumination, 25°C.

[2] Applies for 10 to 500 % target reflectivity, high background illumination, -10°C to +50°C.

[3] Tolerances apply from 0.2m to 10 m with a confidence level of 95 %. The tolerance may deteriorate to 0.15 mm/m between 10 m to 30 m and to 0.2 mm/m for distances above 30 m

[4] In favorable conditions (good target surface properties, room temperature), measuring range is up to 80m. In unfavorable conditions, such as intense sunshine, poorly reflecting target surface (black surface) or high temperature variations, the deviation over 10m distance may increase.

10. Care

Do not use aggressive cleaning agents or solutions.

NT-6580 鐳射測距儀 (80M)

使用說明書

感謝您購買和使用 Pro’sKit NT-6580 鐳射測距儀 (80M)，使用前請仔細閱讀說明書，閱讀後請妥善保存，以備查閱。

目錄

產品介紹----------15
安全使用指南----------15
按鍵功能----------16
初始操作和設置---------- 16
測量----------17
功能----------19
計算器功能----------19
錯誤代碼及解決方法----------20
圖標功能----------21
技術參數----------22
保養----------22

產品介紹

NT-6580 鐳射測距儀，採用雙色模工藝鑄造，彰顯美觀，柔性的材質使其更加符合人體工學，手感更好，舒適握持。

領先業界採用測距儀數位鍵盤，解決了測距儀數字輸入困難的重大難題，同時結合內置特有的計算器功能，讓資料計算在彈指之間輕鬆實現，並且立即保存，隨時隨地享受快捷計算和高效存儲。

我們用心注重產品外觀的同時，也同樣用心關注產品性能，80 米遠量程，2 毫米高精度，NT-6580 繼承前代測距儀強抗干擾測量的特性，強光下測量性能達到國際領先水準，讓您體驗更遠更準的戶外測量樂趣。

NT-6580 內置 360 度傾角感測器，全方位角度測量，隨心所轉，體驗完美的角度測量。面積、體積、勾股(畢氏)定理測量等多種測量功能滿足您的測量需求，省時省力，高效精准。

此外，我們在注重產品外觀和性能的同時，也同樣注重產品對環境的影響，達到國際標準的安全鐳射、可循環使用的環保鋰電池、讓您體驗超強續航測距的同時，安全無憂。

包裝內含

NT-6580 測距儀 1 台
充電鋰電池 1 個
充電器 1 個
USB 線 1 條
保存袋 1 個
使用說明書 1 本

安全使用指南

鐳射等級

NT-6580 產品設有可見鐳射，並從儀器的前端發射。

本產品屬於二級鐳射產品：

不要直視雷射光束，在不必要的情況下不要瞄準他人。眼睛會本能地通過轉視或眨眼等行為來保護眼睛。

警告

通過光學鏡片（如：目鏡、望遠鏡等）直視雷射光束，會對眼睛造成危害。

預防措施：

不要通過光學鏡片直視雷射光束。

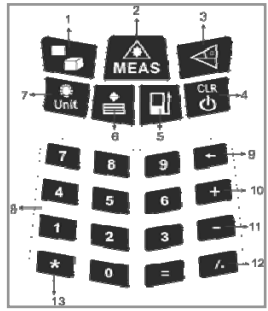
小心

用眼睛直視雷射光束會對眼睛造成危害。

預防措施：

不要直視雷射光束。注意使雷射光束在眼睛的上方或下方射過。（特別是在將儀器固定在機械設備上等情況下）。

按鍵功能



1. 面積/體積/勾股(畢氏)定理測量
2. 開機/打開鐳射/測量鍵
3. 角度/自動水準/自動垂直測量
4. 關閉機器/清除資料
5. 基準設置
6. 流覽歷史資料
7. 單位/背光設置
8. 數位按鍵
9. 倒退鍵
10. 加法
11. 減法
12. 除法/點號
13. 乘法

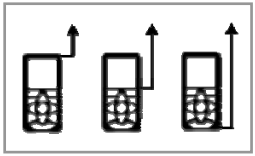
初始操作和設置

開啟和關閉

開啟：按 MEAS 鍵開啟儀器或鐳射，電池的圖示將顯示在顯示幕上。

手動關閉：長按 CLR 鍵直到螢幕畫面消失，即可關閉儀器。

自動關閉：如果沒有任何按鍵操作，3 分鐘之後儀器將自動關閉。



測量基準邊設置

如右圖所示，儀器默認的基準邊設置是後沿。

按 鍵，測量將以三角架為基準邊 ，再按 鍵下一個測量將以前沿為基準邊 ，改變測量基準邊時會有蜂鳴聲提醒。在重新開啟後，測量基準邊將自動返回到默認設置（後沿）。

總之，要選擇合適的測量基準邊，只需要重複地按 鍵，直到得到需要的基準位置，每次開啟儀器，基準點都會重置到後沿處。

測量單位設置

長按 鍵，有以下單位可供選擇 m, ft，in, ft+in。

照明顯示

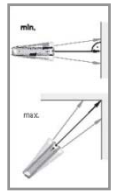
按 鍵，可以開啟和關閉照明功能，用戶可以在黑暗環境下隨時開啟這個功能，測量數值將很清晰的顯示在顯示幕上面。

測量

單次測量

按 鍵，啟動鐳射。再次按 鍵，觸發測量。測量結果立即顯示在顯示幕上。

連續測量



如右圖所示，這個功能可以使用戶從一個測量點出發，測量出最大或最小的距離，在測量模式下，儀器可以移動接近目標，測量資料每 0.5 秒被顯示一次。從而，在這個測量過程中的最大和最小值動態的顯示在第一和第二行。

舉個例子，用戶從一面牆開始，向目標點連續移動，同時當時的資料被連續的讀出來。要連續測量，長按 鍵直到連續測量指示出現。按 鍵停止此功能，連續測量功能在連續測量 3 分鐘後自動停止。

面積測量

按一次 鍵，圖示 將顯示在顯示幕內，按 鍵進行第一個長度的測量(如：長)，再次按 鍵進行第二個長度的測量(如：寬)。第二次測量後，面積測量結果將計算後顯示在主顯示幕內第 4 行, 同時屏幕第 3 行顯示測量的矩形周長。

體積測量

連續兩次按 鍵 圖示 將顯示在顯示幕內，按 鍵進行第一個長度的測量(如：長)，再按 鍵進行第二個長度的測量(如：高)，再按 鍵進行第三個長度的測量(如：寬)，第三次測量後體積的計算結果自動顯示在主顯示行。

間接測量

本儀器可以利用畢氏定理計算距離，這個功能可以實現對不易到達的地方的距離測量。

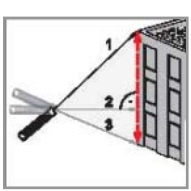
請按照下面的步驟進行測量：

- 所有的被測量點都應在同一水準或垂直面上。
- 為能得到更準確的測量結果，建議將儀器固定在一個點上旋轉進行測量（如：將儀器靠在牆面上進行測量）。

◆ 間接測量：**一次勾股(畢氏)定理測量**

如右圖所示，測量一個建築物的高度或寬度，或者當一個高度需要通過兩個或三個距離來確定時，可以通過間接測量功能實現，連續三次按 鍵，圖示 將顯示在螢幕上，此時鐳射開啟,被測距離的圖示閃爍顯示在顯示幕裏。瞄準最上面的點（如右圖 1），然後按 進行測量。第一次測量進行完成後測量值被採集。儘量保持儀器水平，儀器默認水平測量，第二個被測距離的圖示閃爍顯示在顯示幕裏。瞄準水平的點 (如右圖 2)，然後按 進行測量。測量結果顯示在顯示幕主顯示內，而分部測量結果顯示在輔助顯示內。

間接測量：二次勾股(畢氏)定理測量



如右圖所示，連續四次按 鍵，圖示 將顯示在顯示幕內。此時鐳射開啟。瞄準最上面的點(如右圖 1)，然後按 進行測量。第一次測量完成後測量值將被採集。瞄準中間的點第二個被測距離的圖示閃爍顯示在顯示幕裏，儘量保持儀器水準，儀器默認水準測量。(如右圖 2)，然後按 進行測量。資料將被採集。第三個被測距離的圖示閃爍顯示在顯示幕裏。

瞄準最下面的點(如右圖 3)然後進行測量。資料將被採集。測量結果顯示在顯示幕主顯示內，而分部測量結果顯示在輔助顯示內。

三角形面積測量：

待機狀況下，連續 5 次按 鍵，顯示屏三角形 圖顯示，一邊閃爍，按 鍵，測量三角形第一個邊長，數值顯示在液晶屏上，同時三角形第二個邊閃爍，按 鍵，測量三角形第二邊長，數值顯示在液晶屏上，同時三角形第三個邊閃爍，按 鍵，測量三角形第三邊長；儀器自動計算出三角形面積，並顯示在液晶屏上。

角度測量

按 鍵啟動角度功能，圖示 將顯示在顯示幕內，按 鍵進行傾斜角和距離的測量。角度和距離測量結果將顯示在顯示幕主顯示內。

- 傾角感測器能感應到±180°內的傾斜。
- 角度感測器精度是 0.3 度。

自動水平距離測量

連續按 鍵兩次，圖示 將顯示在功能區。按 鍵來進行傾斜角度和距離的測量。在主顯示內顯示出儀器自動計算出水準距離，而分部測量結果顯示在輔助顯示內。

自動垂直距離測量

連續按 鍵三次，圖示 將顯示在功能區。按 鍵分別進行兩條邊的測量，同時兩邊夾角自動得出。在主顯示內顯示出儀器自動計算出的垂直距離，而分部測量結果顯示在輔助顯示內。

功能

加/減距離測量功能

測量時，按 鍵，下一個測量值將會與當前測量值相加，然後按 鍵，第二個測量結果顯示，同時自動加上之前的數值顯示在主顯示行。

測量時，按 鍵，下一個測量值將會與當前測量值相減，然後按 鍵，第二個測量結果顯示，同時自動減去之前的數值顯示在主顯示行。

取消測量功能

測量時，逐步按 鍵，可以逐步取消測量指令，直至螢幕資料完全清空。

歷史儲存功能

連續按 鍵， 最後 20 個測量或計算資料將先後順序顯示出來。

按 鍵，返回測量主介面。

計算器功能

計算器功能簡介

NT-6580，領先業界搭配測距儀數位鍵盤，集成計算器功能，複雜計算，輕點就好，而且還可以隨時隨地保存資料，計算結果，立即保存。

啟動/關閉計算器功能

啟動：在測量介面、歷史記錄查看介面或者待機介面，按數字 0～9 以及 * 字鍵, 例如按鍵“7”，即可進入計算器功能，此時螢幕上方將顯示計算器圖示 。

關閉：在計算器介面，按一次 鍵清除螢幕資料，再按一次 鍵即可關閉計算器功能。

計算功能鍵說明

0～9：數位輸入鍵

：加法鍵，將上下兩數相加

：減法鍵，將上邊數位減去下邊數位

：乘法鍵,將上下兩數相乘,

：短按是小數點輸入鍵，長按是除法鍵，將上邊數位除以下邊數位

←：倒退鍵，重複按此鍵，可以依次清除最後一位元數位。

＝：等於號鍵，按此鍵即可獲得計算結果。

基本計算功能

在待機狀態下進入計算器功能，即可實現計算器功能，可以完成四則運算。小數點保留 4 位有效數字。

測量時計算功能

在測量時進入計算器功能，計算器自動將當前測量值作為左數參與運算，用戶也可以對左數進行編輯，如按倒退鍵←清除數位位元、通過數位鍵增加數位位元，甚至可以通過按 MEAS 鍵重新測量，接著再按運算符（如+,-,*,/），然後通過數位按鍵輸入資料或者通過按 MEAS 鍵直接輸入測量值。最後按=鍵即可獲得計算結果。也可以繼續按運算符，進行多步運算。

查看歷史記錄時計算功能

▲連續按鍵， 最後20個測量或計算資料逆序顯示出來。

+按鍵，向下進行翻閱。

▬按鍵，向上進行翻閱。

錯誤代碼及解決方法

所有的資訊都以代碼或"Error" 顯示出來。下面所顯示的代碼及其解釋和對應解決方法：

代碼	原因	解決方法
204	計算錯誤	按照說明書要求，重新操作
208	LD電流超標	在儀器開啟/關閉多次後還同樣出現，說明您的儀器已經損壞，請與您的經銷商聯繫。
220	電池電量太低	請將電池充電
253	溫度太低	儀器升溫
255	接收反射光太弱，測量時間過長。	反射面要更易反射，或者使用覘板、白紙等作為反射面
256	接收信號過強	目標反光過強 (使用覘板，或者不要對準強光)
Error	硬體故障	在儀器開啟/關閉多次後還同樣出現，說明您的儀器已經損壞，請與您的經銷商聯繫。

圖示功能

圖示	功能	描述(“- - -“代表待測邊)
▬	電池狀態圖示	顯示電池電量
	基準圖示	前基準：；三角架基準：；後基準：
	面積測量	第一步：長→第二步：寬
	體積測量	第一步：長→第二步：寬→第三步：高

	一次畢氏定理	第一步：斜邊  →第二步：底邊 
	二次畢氏定理	第一步：第 1 邊  →第二步：第 2 邊  →第三步：第 3 邊 
	三角形面積測量	第一步：第 1 邊；第二步：第 2 邊； 第三步：第 3 邊
	角度測量	第一步：顯示傾角度數和斜邊距離
	自動水準測量	第一步：顯示傾角度數、斜邊距離和水準距離
	自動垂直測量	第一步：第 1 邊  ，第二步：第 2 邊
MAX MIN	連續測量	第一行顯示最小值、第二行顯示最大值、第三行顯示當前測量值
圖示	功能	描述(“- - -“代表待測邊)
	保存圖示	可保存 20 組最近測量記錄
	計算器圖示	進入計算器功能

技術參數

產品型號	NT-6580
量程	0.2 ~ 80m
精度	±2mm
單位	米/英尺/英寸/英尺+英寸
鐳射類型	635nm, < 1mW
歷史記錄	20 組
自動關閉鐳射	30 秒
自動關機	180 秒
電池電量	1200mAh(BL-4C)
最大/最小值，連續測量	◎
面積測量	◎
體積測量	◎
一次，二次畢氏定理測量	◎
角度測量	◎
角度測量範圍	±180°

角度測量精度	0.3˚
顯示幕照明	◎
蜂鳴器	◎
加減運算	◎
計算功能	◎
操作溫度	0℃ ~ 40℃
存儲溫度	-10℃ ~ 60℃
顯示幕	四行數據顯示
電池類型	可充電鋰電池
電池壽命	連續 20,000 次測量 (僅供參考)
鐳射等級	Class 2
防護等級	IP54
儀器尺寸	120 x 54 x 28mm
重量 (不含電池)	122g

備註

[1] 適用於 100%目標反射率（白色牆面），低背景照明強度，25 ℃。

[2] 適用於 10%至 500%目標反射率，高背景照明強度，-10℃到+50 ℃。

[3] 公差適用於 0.2 m 到 10 m，置信水準為 95 %。距離為 10 m 到 30 m 時，公差可能為小於 0.15 mm/m，而距離超過 30 m 時，公差可能小於 0.2 mm/m。

[4] 在日光或者目標反光不好的情況下，請使用覘板或者較好的放射面！

[5] 在良好的測量條件下（良好的測量表面，室溫,室內光照）可至 80m。

[6] 在不良測量條件下，如光線過強、被測物表面反光較弱或溫差過大，誤差會增大。

保養

不要使用腐蝕和揮發性物質來清理儀器。

PROKIT'S INDUSTRIES CO., LTD.
http://www.prokits.com.tw
E-mail:pk@mail.prokits.com.tw