

Pro'sKit®

NT-6540

Laser Distance Measurer



40M
measurement

User Manual

1st Edition

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Thanks for buying Pro'sKit NT-6540 Laser Distance Measurer (40M). Please read these instructions carefully before using the product.

SAFETY INSTRUMENT

Permitted use

- Measuring distances
- Computing functions, e. g. areas.
- Indirect Measuring with Pythagorean Theorem.

Prohibited use

- Using the instrument without instruction
- Using outside the stated limits
- Deactivation of safety systems and removal of explanatory and hazard labels
- Opening of the equipment by using tools (screwdrivers, etc.), as far as not specifically permitted for certain cases
- Carrying out modification or conversion of the product
- Use after misappropriation
- Use of accessories from other manufacturers without the express approval of PROKIT'S INDUSTRIES CO., LTD.
- Deliberate or irresponsible behavior on scaffolding, when using ladders, when measuring near machines which are running, or near parts of machines or installations which are unprotected
- Aiming directly into the sun
- Deliberate dazzling of third parties; also in the dark
- Inadequate safeguards at the surveying site (e.g. when measuring on roads, construction sites, etc.)

Laser classification

The NT-6540 produced 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.

PRECAUTION:

Do not look directly into the beam with optical aids.

CAUTION:

Looking into the laser beam may be hazardous to the eyes.

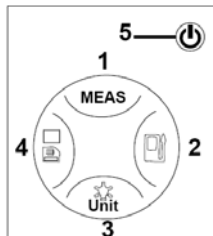
PRECAUTION:

Do not look into the laser beam. Make sure the laser is aimed above or below eye level.

INTRODUCTION

Keypad

1. Measuring
2. Reference setting
3. Unit change/LCD back light
4. Area/Pythagorean/Historical data recalls
5. Device on/Off/Clear



Technical Data

Part Number	NT-6540
Range	0.1 ~ 40m
Accuracy	±2mm
Unit	m/in/ft/ft+in
Continuous measurement	YES
Area calculations	YES
Display	2 Line display
Display back light	YES
Historical recodes	10 sets
Buzzer indication	YES
Dust protection/Splash proof	IP54
Battery type	Type AAA x 2pcs (1.5V)
Battery life	Up to 5000 times (Only for reference)
Laser class	Class II
Laser type	650nm, < 1mW

Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +60°C
Auto laser switch-off	After 20 seconds
Auto instrument switch-off	After 180 seconds
Dimension	100 x 43 x 28mm
Weight	60g(without Battery)

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 0.1m 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] During daylight or if the target has poor reflection properties!
- [5] In favorable conditions (good target surface properties, room temperature) up to 40m.
- [6] In unfavorable conditions, such as intense sunshine, poorly reflecting target surface (black surface) or high temperature variations, the deviation over distances above 10m may increase more.
- [7] If the instrument is not operated for a long time, please take out the battery to avoid leakage.

Operation and setting

1. Switching on and off

Long press  to switch on the device and laser.

Long press  to switch off the device when it's on.

2. Clear

Press  once to cancel the last action or clear the historical data, while taking measurements.

3. Measuring

Press  to activate the laser. Press again to trigger the distance measurement. The measured value is displayed immediately.

4. Area

Press  twice, the symbol  appears in the display.

Press  to take the first length measurement (e.g. length). Press  again to take the second length measurement (e.g. width).

5. Indirect Measurement -Pythagorean

Press  once, the symbol  appears in the display. Then take the first and second length, the result is displayed on the summary line.

6. Historical storage

Long press  to show the historical 10 records in reverse order. Press  and  to browse the record. Press the  button to exit.



NT-6540 鐳射測距儀



感謝您購買和使用 Pro'sKit NT-6540 鐳射測距儀 (40M)，
使用前請仔細閱讀說明書，閱讀後請妥善保存，以備查閱。

安全使用指南

指定的使用範圍

- 測量距離
- 計算面積
- 利用畢氏(勾股)定理間接測量

禁用範圍

- 在未閱讀本手冊的情況下啟動本儀器
- 在儀器指定的使用範圍之外使用
- 破壞安全系統，取掉說明或危險標誌
- 用工具（如螺絲刀）打開本儀器
- 更新或改造本儀器
- 盜竊後使用
- 使用未經寶工實業股份有限公司認可的，其他廠家的附件
- 在腳架上，登梯子時，測量空轉的機器或未設保護設施

的設備附近測量，不負責任的操作

- 直接瞄準太陽
- 故意或在黑暗中晃照第三者
- 在未設安全設施的地方測量（如在馬路上測量等）

鐳射等級

NT-6540 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。

二級鐳射產品：

不要直視鐳射光束，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）直視鐳射光束，會對眼睛造成危害。

預防措施：

不要通過光學鏡片直視鐳射光束。

小心：

用眼睛直視鐳射光束會對眼睛造成危害。

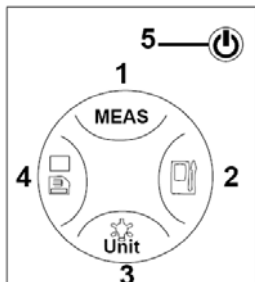
預防措施：

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

產品簡介

按鍵功能

1. 單次/連續測量
2. 基準設置
3. 單位/背光設置
4. 面積計算/畢氏定理/測量/瀏覽歷史資料
5. 儀器打開/關閉/清除資料



技術參數

量程	0.1~ 40 米
精度	±2mm
單位	m/in/ft/ ft+in
連續測量	有
面積測量	有
間接測量	有(一次)
顯示幕	2 行段碼顯示
顯示幕背光	有
歷史記錄	10 組
蜂鳴器	有
電池類型	Type AAA x 2pcs (1.5V)
電池壽命	連續 5000 次測量 (僅供參考)
鐳射等級	Class II, < 1mW
鐳射類型	650nm

操作溫度範圍	0°C ~ +40°C
存儲溫度	-10°C ~ +60°C
防塵和水濺	IP54
自動關閉鐳射	20 秒
自動關機	180 秒
機器尺寸	100 x 43 x 28mm
重量	60g 不含電池

備註

- [1] 適用於 100 % 目標反射率（白色牆面），低背景照明強度，25 °C。
- [2] 適用於 10 % 至 500 % 目標反射率，高背景照明強度，-10 °C 到 +50 °C。
- [3] 公差適用於 0.1 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，公差為小於 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 40m。
- [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。
- [7] 如果長時間不使用，應取出電池，防止電池漏液腐蝕儀錶

操作說明

- 1) 開啓和關閉：按  開啓儀器，長按  關閉儀器。
- 2) 清除：  當測量時，最後一個指令或者資料被取消。
- 3) 測量：按  鍵，啓動鐳射。再按此鍵，觸發測量。測量結果立即顯示在顯示幕上。
- 4) 面積測量：按  鍵一次，圖示  將顯示在顯示幕內。按  鍵分別測量長、寬，面積結果將顯示在螢幕上。
- 5) 間接測量：連按  鍵兩次，圖示  將顯示在顯示幕內，按  鍵分別測量斜邊與直角邊的長度，另一直角邊將會顯示在螢幕上。
- 6) 查看歷史儲存值：長按  按鍵，最後 10 個測量或計算資料逆序顯示出來。按  與  可以上翻閱，按鍵  退出歷史記錄。

Pro'sKit[®]



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