

**網路線檢測計  
LAN CABLE TESTER**



**185 LCT**

**用途**

網路線檢測計(185 LCT)供檢測RJ45/RJ11纜線，10/100 base-T纜線及Token Ring纜線的通路情況。

它藉由遠端接收計，很容易檢測出往路線是否導通，開路，短路，或錯接。

**特點**

- 可作自動掃描及手動掃描。
- 接地線檢測。
- 鎖定功能設計。
- 電池能量LED顯示。
- 通過歐洲安規驗證 EN61326-1。

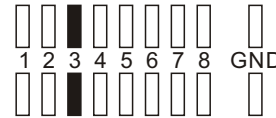
**規格**

顯示方式	LED
操作溫濕度	0°C ~ 40°C 最大相對濕度80%
儲存溫濕度	-5°C ~ 50°C 最大相對濕度80%
使用電源	9V乾電池 (6F22.006P)x1
外形尺寸	主機： 132(長) x 55(寬) x 39(高)公厘 遠端接收計： 74(長) x 30(寬) x 25(高)公厘
重量	主機：約148公克 遠端接收計：33公克
附件	說明書 x 1(本) 工具箱 x 1(個) 電池 x 1(個)

**判別**

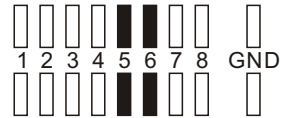
• 導通。

頻3是導通的。



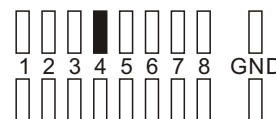
• 短路

頻5與頻6是短路的。



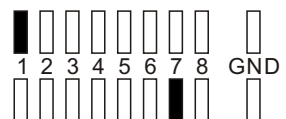
• 開路

頻4是開路的。



• 錯接

頻1與頻7是錯接的。



迴路測試



遠端測試



牆板



配線架

## LAN CABLE TESTER



### INTRODUCTION

- The 185 LCT Lan cable tester is a newly designed tool that can easily test the correct pin configuration of the RJ45/RJ11 modular cables, 10/100 base-T cable and Token Ring cable etc.
- By comparing one transmitting end and the corresponding receiving end, the 185 LCT Lan cable tester also can test installed cable far away by using the remote receiving unit.
- The 185 LCT provides the variety for wiring check, such as cable continuity, open status, short status and miss-wired.

### FEATURES

- Designed for RJ45/RJ11 modular cables, 10/100 base-T cable and Token Ring cable etc.
- The Lan cable tester can verify cable continuity, open, short circuit and miss-wired.
- The remote receiving unit is available for installed cables far away either on the wall plates or on the patch panels.
- Auto and manual scan function.
- Ground wire test.
- Lock status function.
- Buzzer sound warning for wire status.
- Display: LED indication for wire status.
- EN61326-1

### SPECIFICATIONS

Display	LED
Operating Temperature	0°C~40°C
Power Source	9V (6F22,006P) battery x1
Dimensions	Master unit 132(L)x 55(W)x 39(D)mm Remote receiving unit 74(L)x 30(W)x 25(D)mm
Weight	Master unit: 148 g Remote receiving unit: 33 g
Accessories	Instruction manual Pouch Battery

### OPERATION

#### Loopback test

- Plug one end of the testing cable into the RJ45 jack of sourcing end on the master unit and another end of the testing cable into the RJ-45 jack of receiving end on the master unit.
- Press the " ⏻ " button, the master unit will start a sequential scanning process if the master unit is in "auto-scanning" mode.
- Press the " ⏻ " button, the pin1 LED lamps of the LED indicators will be alight if the master unit is in "manual-scanning" mode.

**Note:** When the battery power is low, the testing results may not be correct. Please replace with a new battery.

- You can choose a auto-scanning mode or a manual-scanning mode by pressing the "AUTO" button or the "MANU" button.
- The Lock function is available in "auto-scanning" mode.
- When the loop is "OPEN", you will hear the sound of the buzzer.

#### Remote test

- Plug one end of the testing cable into the RJ45 jack of sourcing end on the master unit and another end of the testing cable into the RJ-45 jack of the remote receiving unit, then make tests.
- Read the testing results from the LED indicator on the remote receiving unit.

#### Test result

##### a. Continuity

Pin 3 is continued



##### c. Short

Pin 5 and 6 are shorted



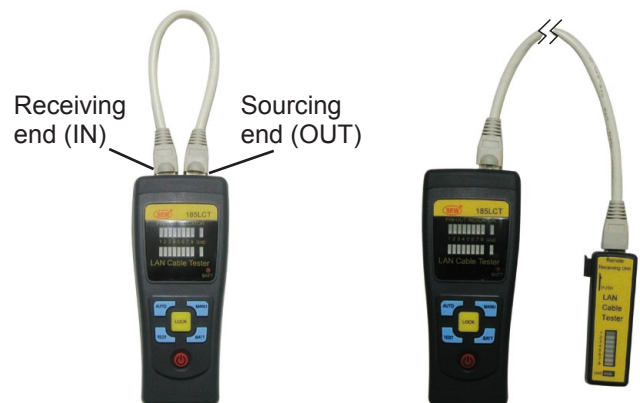
##### b. Open

Pin 4 is opened



##### d. Miss-wired

Pin 1 and 7 are miss-wired



Loopback Test

Remote Test