MEASURE WITH PRECISION

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SEW ®

LAN Cable Tester

185 LCT

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 cables 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.
- 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 functions.
- Ground wire test.
- Lock status function.
- Buzzer sound warning for wire status.
- Display : LED indication for wire status.

SPECIFICATIONS

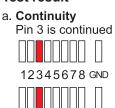|	
Display	LED
Operating temperature	0°C ~ 40°C
Dimensions	Master unit 132(L) × 55(W) × 39(D)mm Remote receiving unit 74(L) × 30(W) × 25(D)mm
Weight (battery included)	Master unit : 148 g Remote receiving unit : 33g
Power source	9V × 1
Safety standard	EN 61326-1
Accessories	Instruction manual BNC testing cables Self-test cable Carry case Battery Multi-wire testing cables (optional)

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 RJ45 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 RJ45 jack of the remote receiving unit, then make test.
- Read the testing results from the LED indicator on the remote receiving unit.
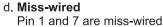
Test result

a. **Continuity**
   Pin 3 is continued
   12345678 GND

c. **Short**
   Pin 5 and 6 are shorted
   12345678 GND

b. **Open**
   Pin 4 is opened
   12345678 GND

d. **Miss-wired**
   Pin 1 and 7 are miss-wired
   12345678 GND

Receiving end (IN)   Sourcing end (OUT)

Loopback Test   Remote Test

Accessories

BNC testing cables   Self-test cable   Multi-wire testing cables (optional)