LANtest $^{Pro^{TM}}$

Remote Network Cable Tester

User Manual

DIREKTRONIK

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CE

Patent Pending

Contents

4. Always switch the power to OFF when testing is completed in order to prevent battery drain.

Tone Generator Operation

1. Slide the switch on the right side of the tester to the TONE position.
2. Connect the subject cable to the RJ45 jack on the top of the master unit of the tester. To send a tone into a patch panel, connect one end of a patch cord to the RJ45 jack on the tester and the other end to a jack on the patch panel.
3. Generating a tone
　a. Single tone: Press and quickly release the TEST button on the tester unit.
　b. Dual tone: Press and hold down on the TEST button for two full seconds.
4. Use the Probe or any cable tracing product in the market to trace the subject cable. The signal reception will be strongest near the subject cable.
5. Slide the switch on the right side of the tester to the OFF position to discontinue the tone.
6. Always switch the power to OFF when testing is completed in order to prevent battery drain.

Note
For Tone generator fuctions, you have to purchase the tracing probe which is not encluded. If you would like to purchase a traceing Probe, please contact your regional distributors. Our model No is 256712A.
Actually, The Lantest Pro is compliant with industry standard , It can be used with any tracing probe in the market. However our better than industry standard probe is your best choice.
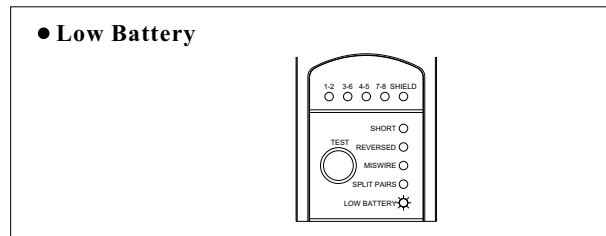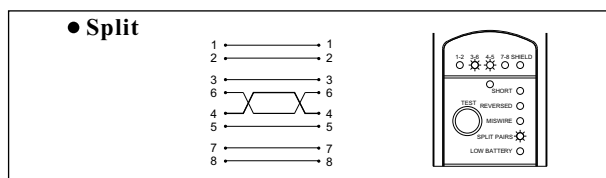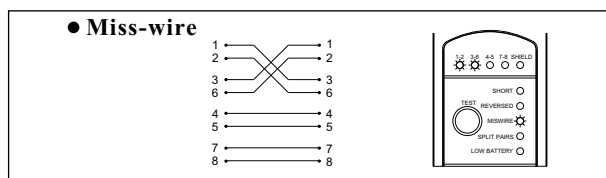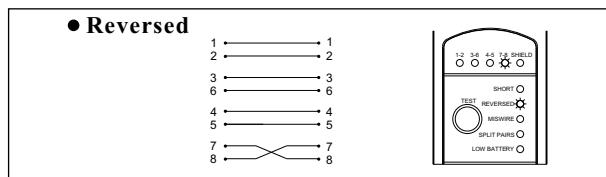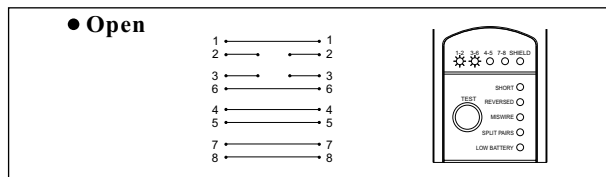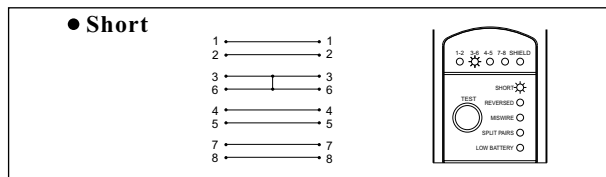
Features

● Tests for wiring faults of open, short, reversed, crossed and split pairs
● Split pair fault detection at a minimum 40cm cable length
● Verification of shield integrity
● Specially designed remote unit that enables one person to test installed cables
● Easy to read fault display and high speed testing
● Debug mode for detailed fault identification results
● Auto sleep mode and power off switch to decrease power consumption
● Low battery indicator

Specifications

● *Connectors*
　LANtest Pro Main Unit - RJ45 jack
　Remote Unit - RJ45 jack
● *Pairs tested*
　1/2, 3/6, 4/5, 7/8 and shield
● *LED display*
　Horizontal: 5 Green LEDs for pairs and shield display (1-2, 3-6, 4-5, 7-8 and SHIELD)
　Vertical: 5 Red LEDs for fault display (OPEN, SHORT, REVERSED, CROSSED, SPLIT PAIRS and LOW BATTERY)
● *Cables test length limit*
　Minimum: 0.4m   Maximum: Over 200m
● *Power:*
　LANtest Pro - 6V alkaline DC battery (not included)
　Remote identifier - no battery required
● *Dimensions:*
　NETest - 12 5 x 52 x 30 mm (L x W x H)
● *Weight:*
　125g

Fault Status

● Short

● Open

● Reversed

● Miss-wire

● Split

● Low Battery

Test operation

1. Slide the switch on the right side of the tester is in the CABLE position.

2. Plug one end of the subject cable into the RJ45 jack on the master unit and the other end into the RJ45 jack on the remote terminator.

> **Note:** The remote terminator can be slipped and locked into the master unit for convenient testing of patch cables.

3. Push and release the test button and check the results:

a. First, check the 5 horizontally aligned green LED indicators (1-2, 3-6, 4-5, 7-8, SHIELD) for integrity status:

> **Solid light:** pair is OK
> **Flashing light:** pair is faulty
> **No light:** open pair

b. Simultaneously, check the 5 vertically aligned LED indicators (SHORT, REVERSED, MISWIRE, SPLIT PAIRS) for the wiring faults.

c. For more detailed information about what faults are occurring in which pairs, hold the TEST button for 2 seconds to activate "Debug mode." The tester will test each pair one by one, pausing briefly on each pair, and display the corresponding fault status.
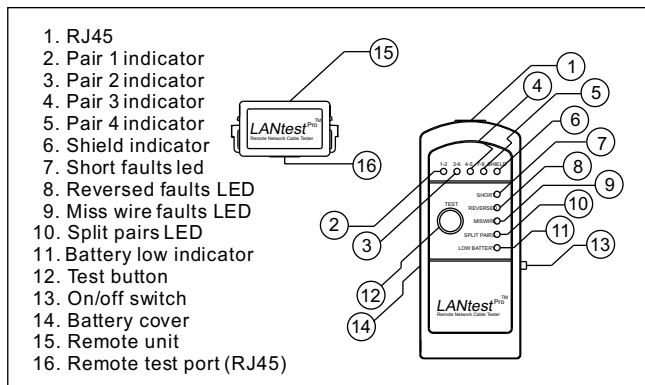
Introduction

Congratulations on your purchase of the LANtest Pro network cable tester! The LANtest Pro is a small hand-held cable tester, which enables network professionals to quickly and easily verify the integrity of Ethernet twisted pair cables. In one step, the LANtest Pro will test twisted pair cables for open pairs, shorted pairs, reversed pairs, crossed pairs and split pairs. Just push the TEST button, and the LANtest Pro will automatically scan for any existing faults in your cable. The specially designed remote terminator is provided for one-person testing of installed cables.
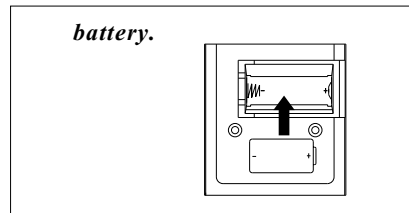
LANtest Pro Contents

* LANtest Pro master box
* 1 remote terminator
* Users manual
* Soft vinyl carrying pouch

Product Profile

1. RJ45
2. Pair 1 indicator
3. Pair 2 indicator
4. Pair 3 indicator
5. Pair 4 indicator
6. Shield indicator
7. Short faults led
8. Reversed faults LED
9. Miss wire faults LED
10. Split pairs LED
11. Battery low indicator
12. Test button
13. On/off switch
14. Battery cover
15. Remote unit
16. Remote test port (RJ45)

Battery Replacement

When the LOW BATTERY light illuminates, the battery does not have sufficient power to support an accurate test. At this time, you must replace it with a new battery.

battery.

Warning

1. Do not connect LANtest Pro to a live circuit as it may damage the tester.
2. Testing in a high frequency activated area may cause the tester to give inaccurate readings.
3. Do not drop or get the tester wet as it may cause internal damage.
4. Do not place the tester in areas of high humidity or direct sunlight.
5. Do not open the tester or attempt to repair in case of malfunction. Please send it back to your distributor for repair or replacement.