# LAN Cable Tester
Model no. CT-168

Introduction:

The LAN/USB Cable Tester is designed to easily read the correct cable pin out configuration。 The cables include the USB (A/A)、USB(A/B)、BNC 10-Base-T、100Base-TX、1000Base-TX、Token Ring、AT&T 258A、Coaxial、EIA/TIA 568A/B and RJ11/RJ12 modular cables。 Just connect the cable both sides with CT-168。 If you want to test cable installed far away，either on patch panel or wall plate，simply use the Remote terminator。When use the CT-168 tests RJ11/RJ12 cable，please use the appropriate adaptors and follow the procedure below to use it very carefully。

Operation:

1. Using the Master tester，plug one end of the tested cable (RJ45/USB) to the marked with "TX", and another end of tested cable to the marked with "RX", or Remote terminator RJ45/USB connector。

2. Turn the power switch to "TEST"。In the step by step mode，the LED for pin 1 with light up。With each press of the "TEST" button，the LED will scroll in sequence。 In the "AUTO" scan mode， the upper row of LEDs will begin to scroll in sequence from pin 1 to pin 8 and ground。

3. Reading the result of the LED display tells the correct status of the tested cable。 If you read out the incorrect LED display，the tested cable is bad in short open、reversed、miss-wired or crossed over。

4. If the battery is low on power，the LEDs will be dimmed or no light，and the test result will be incorrect。

Remote:

1. Using the master tester，plug one end of tested cable to the marked with "TX" jack and another end on the receiving of Remote terminator。Turn the power switch to Auto mode and use the adaptor cable，if the cable terminates into a patch panel or wall plate。

2. The LED one the Remote terminator will begin to scroll，in relation to the master tester indicating the cable's pin out。
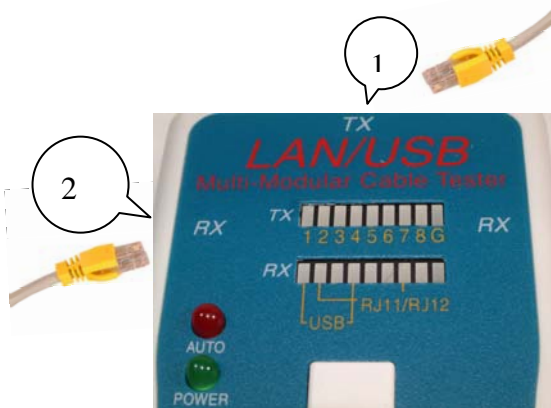
RJ-45 Indication range Pin.**1- G**
RJ-11 Indication range Pin.**2- 6**
USB Indication range Pin.**1- 4**
BNC Indication range Pin.**1- 2**

Appearance
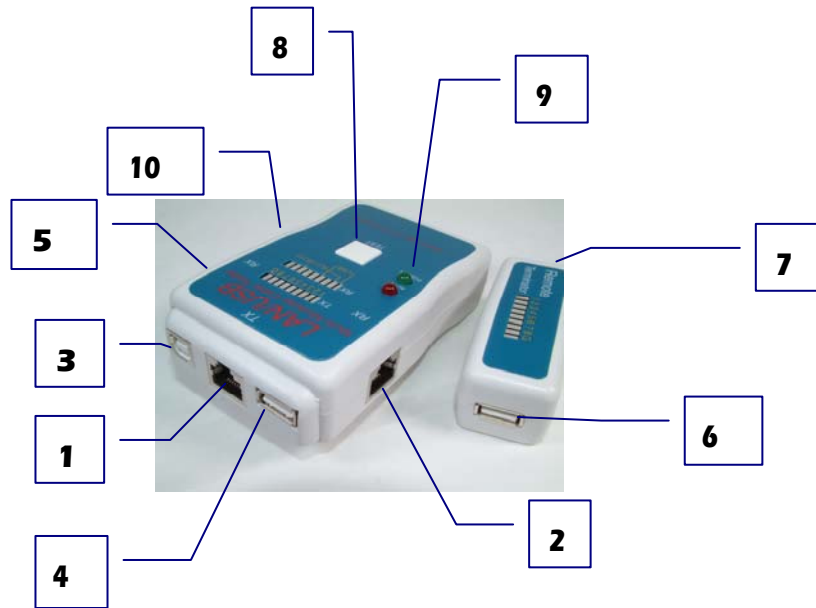
1.   RJ45 TX port : Link to RX port (2 or 7)
2.   RJ45 RX port : Link to TX port (1)
3.   USB B port : Link to USB RX port (5 or 6)
4.   UAB A port : Link to USB RX port (5 or 6)
5.   UAB A port : Link to USB TX port (3 or 4)
6.   UAB A port : Link to USB TX port (3 or 4)
7.   RJ45 RX port : Link to RJ45 TX port (1)
8.   Push button switch: Manual Test switch
9.   LED: AUTO: Auto scan mode
           POWER- Power ON/OFF
10.   SLIDE SWITCH : OFF-TEST-AUT0:
          0FF- Power OFF
          TEST- Manual test mode
          AUT0- Auto scan mode

LED Indications

Test Result

1. Continuity:	Pin 2	Pin 2 – Pin 2 GOOD conduct
2. Open:	Pin 2	Pin 2 – Pin 2 OPEN
3. Short:	Pin 2 and Pin 3	Pin 2 – Pin 3 SHORT
4. Miswire:	Pin 3 and Pin 6	Pin 3 – Pin 6 MISWIRED