

- cable to be tested from any device; otherwise the device may be damaged.
2. After test, the tester will turn off automatically.

HOW TO TEST A STRAIGHT -THROUGH CABLE

TEST Mode

1. Connect the Main Unit to one end of the cable to be tested and the Remote Unit to the other end of this cable.
2. Set the Mode Selector Switch to the "Cable" position.
3. Press the **TEST** key and then release it. The tester starts testing the cable. The five green LEDs flash one time sequentially from top to bottom, then the

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- b. If a pair has fault(s), its pair LED will give a short flash, then this pair LED, other pair LEDs related to this pair's fault(s), and the fault indicator LED(s) will give a long flash simultaneously.
- c. If a pair LED gives only a short flash without a succeeding long flash, this pair has a OPEN fault.
3. After the **DEBUG** function cycles 4 times through the pairs, the tester will turn off automatically. At any time, you can stop the test manually by pressing the **TEST** key again, the tester will turn off.

Example for DEBUG mode:

The cable fault is a **SHORT** on Pair 1-2 and Pair 3-6.

The **DEBUG** mode LED series will be as follows:

1. Pair 1-2 LED gives a short flash, then pair 1-2 LED, pair 3-6 LED and the

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BATTERY REPLACEMENT

When the "LOW BATT" LED lights continuously, the batteries are low and should be replaced immediately.

1. Remove the screws on the back cover of the Main Unit and remove the back cover.
2. Replace the exhausted batteries with new batteries the same type (1.5V, AAA or equivalent).
3. Reinstall the back cover and the screws.

SPECIFICATIONS

Cable Length: Minimum: 1m

Maximum: 300m

Battery: 1.5V, AAA or equivalent, two pieces

Size: 98×64×58 mm (in storage state)

Weight: about 165g (including batteries)

tester shows the test result – flashing pair LED indicates this pair has fault, meanwhile fault indicator LED lights up to indicate the fault.

4. The test will last about 12 secs, then the tester will turn off automatically. At any time, you can stop the test manually by pressing the **TEST** key again, the tester will turn off.

Example for TEST mode:

The cable fault is a **SHORT** on pair 1-2 and pair 3-6.

After the five green LEDs flash one time sequentially from top to bottom, the tester shows the following test results simultaneously:

- Pair 1-2 LED and pair 3-6 LED flash green, meanwhile the "SHORT" LED lights red.
- Pair 4-5 LED lights green indicating a good pair.
- Pair 7-8 LED lights green indicating a good pair.

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- "SHORT" red LED give a long flash simultaneously.
- 2. Pair 3-6 LED gives a short flash, then pair 3-6 LED, pair 1-2 LED and the "SHORT" red LED give a long flash simultaneously.
- 3. Pair 4-5 LED flashes two times in series, meanwhile no fault indicator LED lights. This indicates that this pair is wired correctly.
- 4. Pair 7-8 LED flashes two times in series, meanwhile no fault indicator LED lights. This indicates that this pair is wired correctly.
- 5. After the **DEBUG** function cycles through the pairs 4 times, the tester will turn off automatically.

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NOTE

1. This manual is subject to change without notice.
2. Our company will not take the other responsibilities for any loss.
3. The contents of this manual can not be used as the reason to use the tester for any special application.

DEBUG Mode

The **DEBUG** mode identifies which cable pairs have wiring fault. It cycles through pairs displaying a test result for one pair at a time. The fault is indicated by simultaneously lighting pair LED(s) and fault indicator LED(s). A short flash on pair LED indicates that the pair is under test, a long flash on pair LED is the destination of test.

1. Set the Mode Selector Switch to the "Cable" position. Then press and hold the **TEST** key until all LEDs light, then release the key.
2. The pair LEDs and the fault indicator LEDs work together to identify which pair is incorrect.
 - a. If a pair LED flashes two times in series (one short and one long), meanwhile no fault indicator LED lights, the pair is wired correctly.

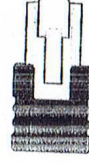
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Note:

For coaxial cable tests, the Mode Selector Switch can be in any function position.

HOW TO VERIFY A CABLE

1. Connect the Main Unit to one end of the cable to be verified and ID test terminals (optional) to other possible ends of this cable.
2. Set the Mode Selector Switch of the Main Unit to the "ID" position.
3. Press "TEST" key and then release it, the "ID" LED display of the Main Unit will show the ID number (1 - 8) of the ID test terminal connected to the cable under test so that this cable can be verified.



ID test terminal

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DISPOSAL OF THIS ARTICLE

Dear Customer,
If you at some point intend to dispose of this article, then please keep in mind that many of its components consist of valuable materials, which can be recycled. Please do not throw away this article, but discharge it in the garbage bin, but check with your local council for recycling facilities in your area.