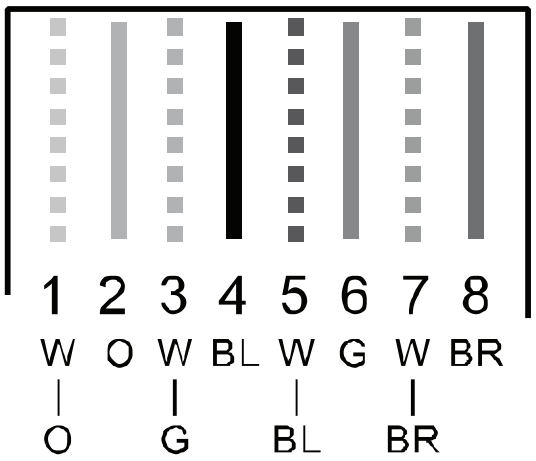
DIGITUS®
Professional

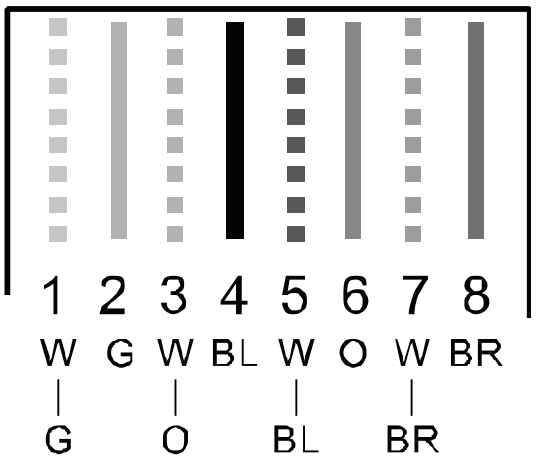
CABLE TESTER

Manual

DN-14003



T568B



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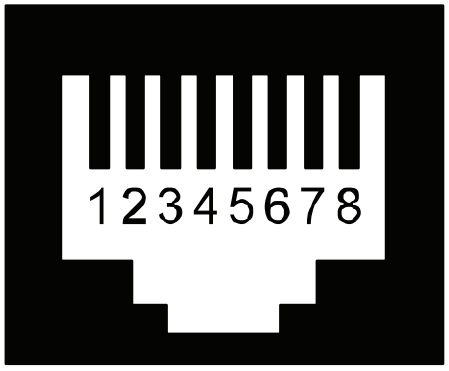
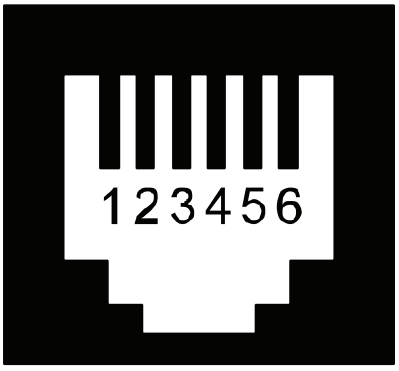


8P8C



6P6C

PLUG

Note: Please read and learn safety instructions before use or maintain the equipment

- This cable tester can’t test any electrified product.
- 9V reduplicated battery is used in this tester. Battery is advised to change if any weak light appears.
- Test can’t be done while RJ45’s copper screezers are not totally pressed. Any disobeys may lead to a permanent damage of the end.
- Please use quality tools to press the cables.
- Take out the battery if the tester isn’t used for a long time.

(1) Functions

1. It can test corresponding double-twisted cable 1, 2, 3, 4, 5, 6, 7, 8 and G, meanwhile, it can judge wrong connection, short circuit and open circuit.
2. It tests RJ45, RJ11
3. „OFF“ means power off, „ON“ means normal speed, „S“ means slow speed
4. Tickle the „LAMP“ button, the light will be on.

(2) Operation (e.g. RJ45)

Turn on the tester with battery, choose „ON“ (Normal grade) or „S“ (Slow grade). Connect the RJ45 with Main Tester and Remote Tester, the lights of the Main Tester will turn on sequently from 1 to G as below:

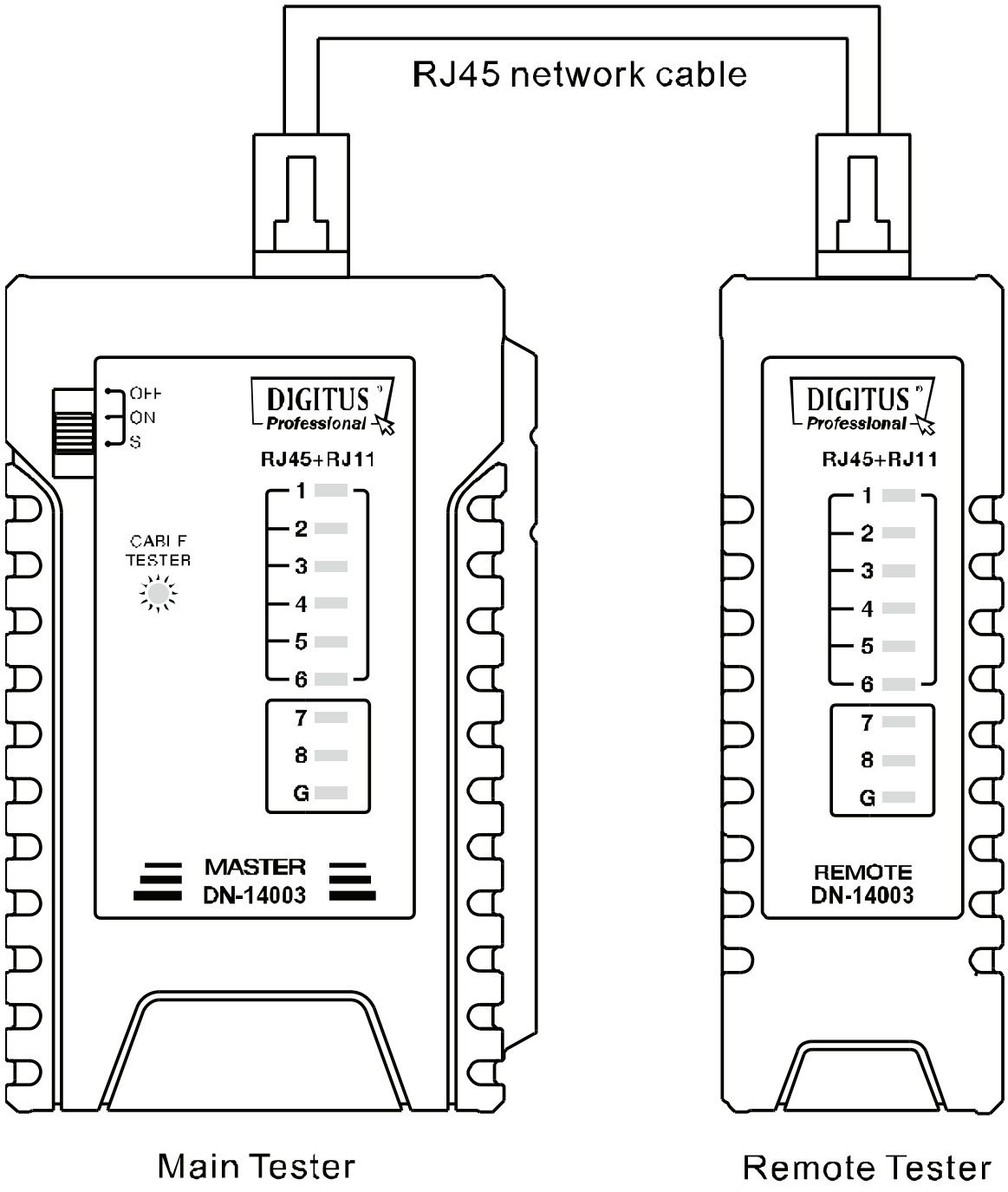
Main Tester: 1-2-3-4-5-6-7-8-G
Remote Tester: 1-2-3-4-5-6-7-8-G

Following are abnormal connections:

1. If one cable, for example cable NO. 3 is open circuited, the two NO.3 lights of the Main Tester and Remote Tester will not turn on.
2. If several cables are not connected, several lights will not turn on respectively. If less than two cables are connected, none of the lights is on.
3. If two ends if a cable is disordered, for example NO.2 and NO.4, then display on:
   Main Tester: 1-2-3-4-5-6-7-8-G
   Remote Tester: 1-2-3-4-5-6-7-8-G
4. If two cables are short circuited, neither of the corresponding lights is on of the Remote Tester while Main Tester remains unchanged.
5. If test patch panels or wall plate outlets, two cables which can match each other (e.g. 110P4-RJ45) will be connected to the tester.

Test by RJ45 cable

1. Switch on the power, choose „ON“ or „S“,
   the power light will turn on.
2. If UTP tested, the lights on the Main Tester and
   Remote Tester will turn on sequently from 1 to 8;
   If STP tested, the lights of the Main Tester and
   Remote Tester will turn on sequently from 1 to G.
3. If the cable is breakage, disorder, short circuit,
   the result is as what was said above.
4. After operation, turn off the tester.

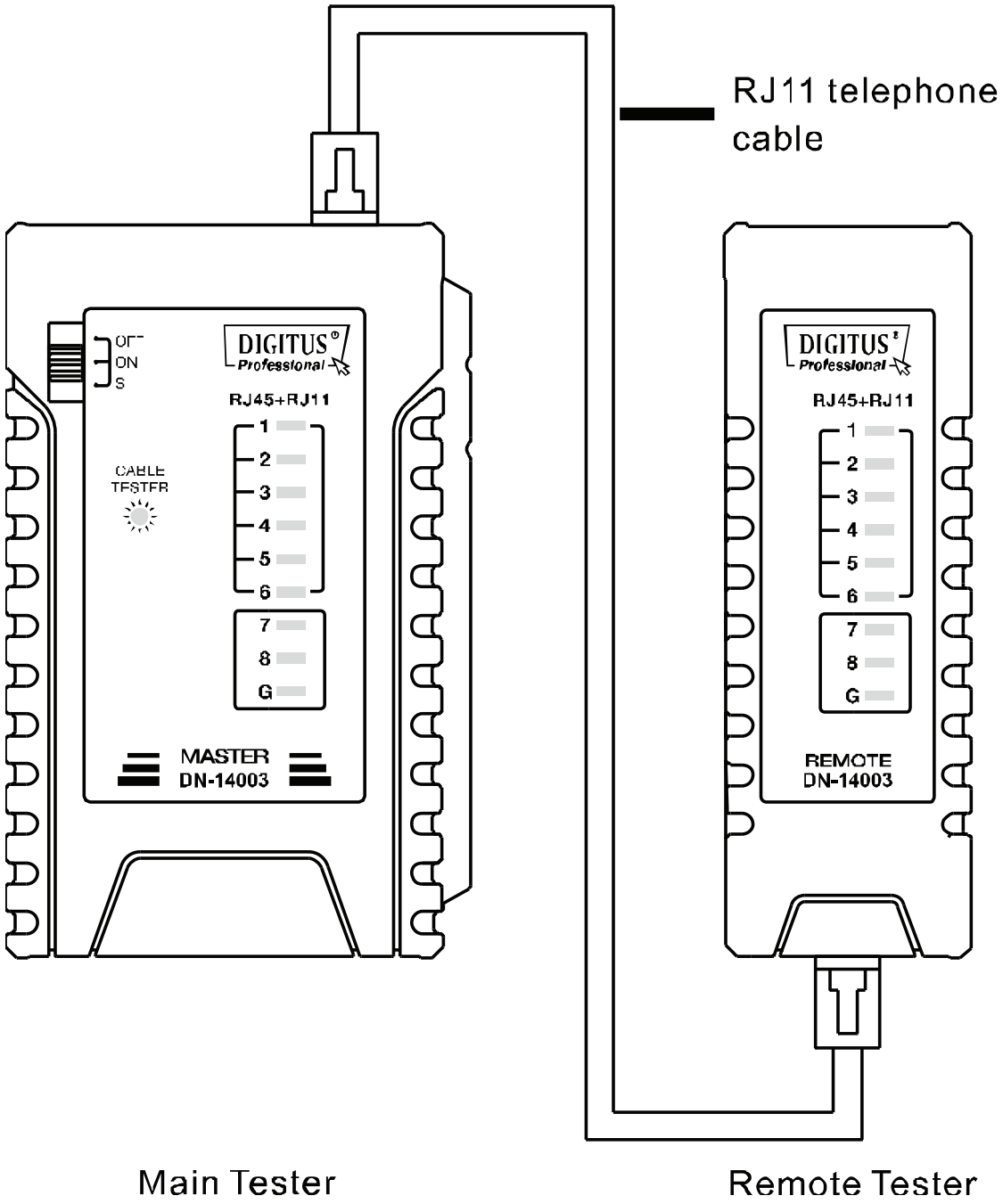


Main Tester

Remote Tester

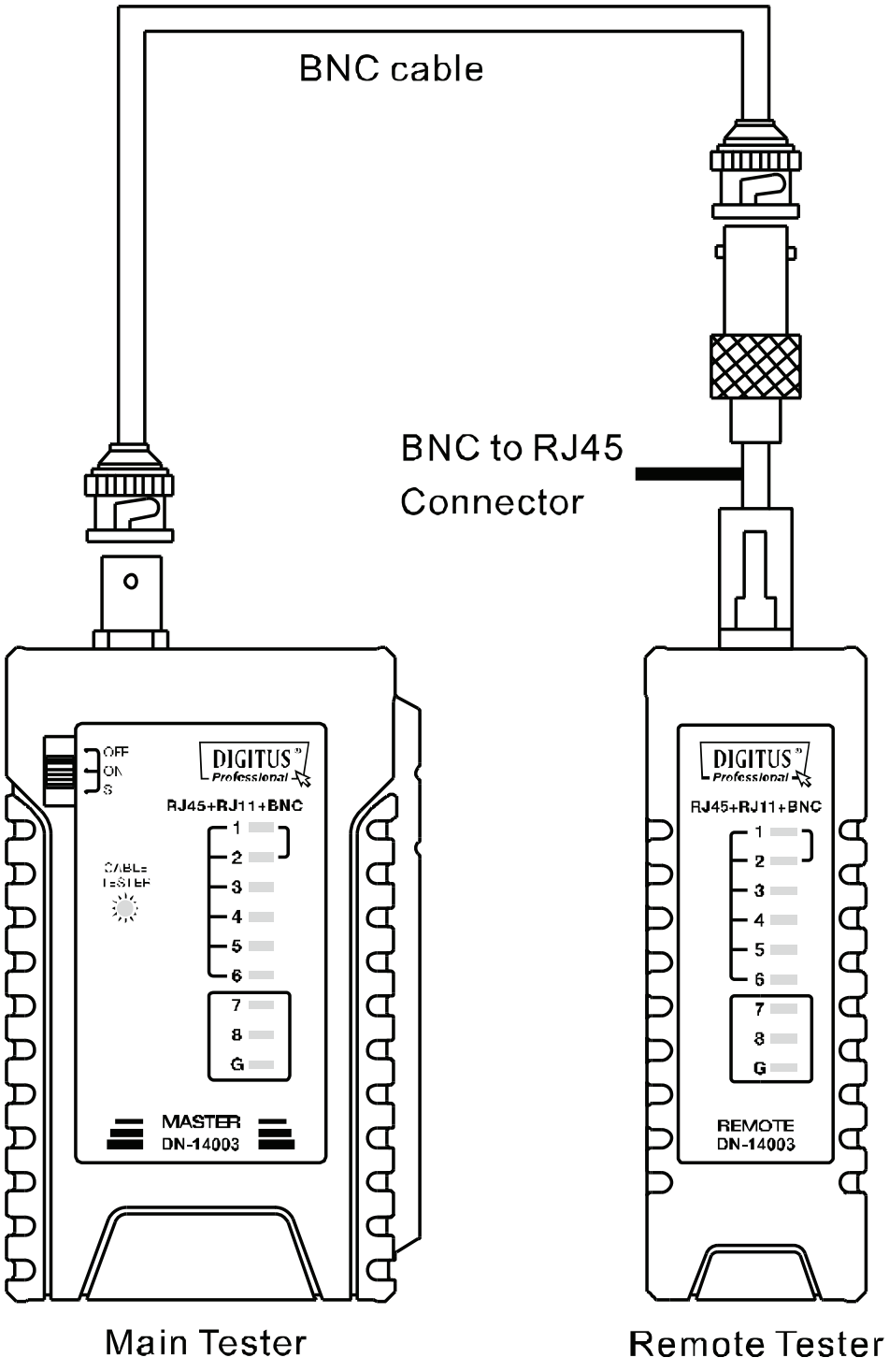
Test by RJ11/RJ12

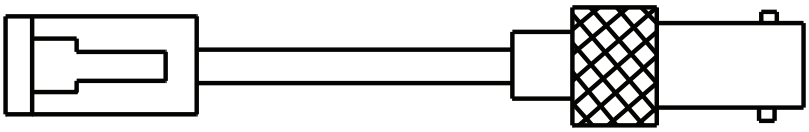
1. Switch on the power, choose „ON“ or „S“,
   the power light will turn on.
2. If RJ11 tested, the lights of the Main Tester and
   Remote Tester will turn on sequently from 2 to 5;
   If RJ12 tested, the lights of the Main Tester and
   Remote Tester will turn on sequently from 1 to 6.
3. If the cable is breakage, disorder, short circuit,
   the result is as what was said above.
4. After operation, turn off the tester.



Test by BNC

1. Switch on the power, choose „ON“ or „S“, the power light will turn on.
2. Connect RJ45 port of BNC adapter with Remote Tester, then insert one end of the BNC cable into BNC port of Main Tester, the other end into BNC connector. The lights of the Main Tester and Remote Tester will turn on sequentlys from 1 to 2.
3. If the cable is breakage, disorder, short circuit, the result is as what was said above.
4. After operation, turn off the tester.





BNC to RJ45 Connector

RJ45 with BNC connector:
Used when testing BNC cable, the RJ45 end connected with remote tester, the BNC End connected with BNC cable.

Hinweis: Bei falscher Installation und unsachgemäßem Gebrauch im Wohnbereich kann das Gerät Störungen bei Rundfunkgeräten und anderen elektronischen Geräten verursachen. Ein sachgemäßer Gebrauch liegt vor, wenn das Gerät, soweit durchführbar, mit geschirmten Anschlusskabeln betrieben wird (bei Netzwerkprodukten zusätzlich geschirmter Kabel der Kategorie 5e und höher). Das Gerät wurde getestet und liegt innerhalb der Grenzen für Computerzubehör der Klasse A gemäß den Anforderungen nach EN 55022. Warnung: Dieses Produkt entspricht der Prüfklasse A - es kann im Wohnbereich Funkstörungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen durchzuführen und dafür aufzukommen. Konformitätserklärung: Das Gerät erfüllt die EMV-Anforderungen nach EN 55022 Klasse A für ITE und EN 55024. Geräte mit externer oder eingebauter Spannungsversorgung erfüllen weiterhin die Anforderungen nach EN 61000-3-2 und EN 61000-3-3. Damit sind die grundlegenden Schutzanforderungen der EMV-Richtlinie 2004/108/EC erfüllt. Die CE-Konformität wurde nachgewiesen. Die entsprechenden Erklärungen sind beim Hersteller hinterlegt.

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