

12-in-1

CABLE TESTER

User Manual



kopulTM

CBT-12



Thank you for choosing Kopul.

The Kopul CBT-12 is a professional-quality cable tester that allows users to test the continuity of a wide variety of cables with a single device. It quickly identifies connectivity and ground problems in some of the most frequently-used cables, and makes troubleshooting audio and studio setups fast and effortless.

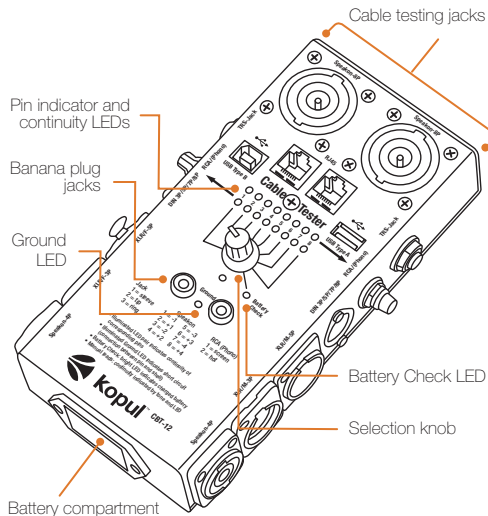
An 8-way selection knob provides easy selection of the pins to be tested, LED indicators illuminate to show that each pin on the cable is properly connected. The CBT-12 can test cables with any combination of Speakon 4-pin, Speakon 8-pin, XLR 3-pin, XLR 5-pin, TS/TRS, DIN 3/5/7/8, RCA, USB Type A to Type B, and RJ45 plugs. Two removable leads are included for testing any kind of wire or cable with jacks that are not included on this model. They also allow for testing connections when building or repairing cables or when wiring studios or audio installations.

The CBT-12 is ideal for home, project, and professional studio use. Constructed with a rugged all-metal case, the CBT-12 is a road-ready tool for studio techs and install engineers.

Precautions ⚠

- Please read and follow these instructions, and keep this manual in a safe place.
- Make sure that this product is intact and that there are no missing parts.
- Keep this unit away from water and any flammable gases or liquids.
- Remove the battery during long periods of non-use.
- Do not attempt to disassemble or repair the equipment—doing so will void the warranty, and Kopul will not be responsible for any damage.
- Clean the unit with a soft dry cloth.
- Use only parts provided by the manufacturer.
- All photos are for illustrative purposes only.

Overview



Installing the battery

1. Lift the cover of the battery compartment in the direction of the arrow. A click indicates that it is unlocked.
2. Slide the battery compartment out of the cable tester.
3. Insert a 9-volt battery into the compartment with the orientation indicated by the diagram on the inside of the compartment.
4. Slide the battery compartment back into the cable tester. Push it in firmly and press down until it clicks, locking it into place.

It is recommended to check the battery prior to testing cables. To test the battery, do the following:

1. Turn the selection knob all the way to the right to Battery Check
2. The LED should glow a bright green indicating that the battery is fully charged.

Note: a dim LED indicates that the battery is not fully charged. Recharge the battery or replace a disposable battery with a fresh one.

Operating the cable tester

Testing cables:

1. Plug the connectors of the cable into the corresponding jacks on either side or the top of the cable tester.
2. Switch the selection knob to “1.”
3. Turn the knob one click at a time to test each pin on the cable (see table on pages 5-6).

Reading the LED indicators

- Yellow and green LEDs light up: There is good continuity on that pin.
- Yellow, green or both LEDs do no light up: There is a faulty connection or possibly a broken or damaged wire.
- Ground LED lights up: There is a short circuit in the cable caused by a connection between the pin and the shell.

Use the tables on pages 5-6 to verify proper pin connections

Manually testing cables

1. Plug the banana plugs of the leads into the corresponding red and black jacks on the front panel of the cable tester.
2. Touch each lead to the corresponding pin on either end of the cable.
3. A lit LED accompanied by a tone indicates good connectivity and continuity.

Jack

1 = sleeve
2 = tip
3 = ring

Speakon

1 = -1
2 = +1
3 = -2
4 = +2
5 = -3
6 = +3
7 = -4
8 = +4

Phono

1 = screen
2 = hot

1/4" TS Mono to 1/4" Mono

1 Sleeve

1 Sleeve, 3 Ring

2 Tip

2 Tip

3 Ring

1 Sleeve, 3 Ring (shorted with sleeve)

1/4" TRS to 1/4" TRS

1 Sleeve

1 Sleeve, 3 Ring

2 Tip

2 Tip

3 Ring

3 Ring

XLR balanced to XLR balanced

Pin 1	Pin 1
Pin 2	Pin 2
Pin 3	Pin 3

XLR unbalanced to XLR balanced

Pin 1	Pin 1, Pin 3
Pin 2	Pin 2
Pin 3	Pin 1, Pin 3

1/4" TS Mono to XLR unbalanced

1 Sleeve	Pin 1, Pin 3
2 Tip	Pin 2
3 Ring	Pin 1, Pin 3 (shorted with sleeve)

1/4" TRS to XLR balanced

1 Sleeve	Pin 1
2 Tip	Pin 2
3 Ring	Pin 3

Specifications

Dimensions (H × W × L)	1.4" × 3.5" × 7.25" (3.5 × 8.9 × 18.4 cm)
Weight	1.8 lb. (0.8 kg)
Material	All-metal construction
Connectors	Speakon 4-pin Speakon 8-pin XLR M/F 3-pin XLR M/F 5-pin RCA (Phono) DIN – 3-pin/5-pin/7-pin/8-pin TS/TRS USB – Type A to Type B RJ45 Banana plugs One 9-volt battery (not included)
Power	

One-Year Limited Warranty

This KOPUL product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Kopul Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Kopul along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.kopulcables.com or call Customer Service at 212-594-2353.

Product warranty provided by the Gradus Group.
www.gradusgroup.com

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