



Cable Tester Pro

ORDERCODE D1909



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Dap Audio

Dap Audio Cable Tester Pro™ Product Guide

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WARNING

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

Your shipment includes:

- DAP Cable Tester Pro
- Pair of Testleads (1 red and 1 black)
- User manual

 **CAUTION!** 
Keep this system away from rain and moisture!

SAFETY INSTRUCTIONS

Every person involved with the installation, operation and maintenance of this system has to:

- be qualified
- follow the instructions of this manual

 **CAUTION! Be careful with your operations.** 
With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!

Before you initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the system.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the system are not subject to warranty.

This system contains no user-serviceable parts. Refer servicing to qualified technicians only.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the system.

- Batteries are hazardous waste which need to be disposed properly. If the device has to be disposed, remove the battery first.
- Make sure to connect the poles of the battery correctly.
- Never leave batteries lying around openly as there is the danger that these can be swallowed by children or domestic animals. Immediately consult a doctor when batteries are swallowed!

- Leaking or damaged batteries can cause irritation when getting into contact with the skin. In case of leaking batteries use appropriate protecting gloves for removing them.
- Make sure the batterie can not be short-crcuited, thrown into fire. Do not attempt to charge the battery. In these cases, there is the danger of explosion.
- Never spill any liquids on the device. Should any liquid enter the device, remove the battery immediately. Let the device check by a qualified technician before you operate it again. Any damages caused by liquids having entered the device are not subject to warranty.
- Do not shake the device. Avoid brute force when operating the device.
- Never remove warning or informative labels from the unit.
- Do not open the device and do not modify the device.
- Only use the device indoor, avoid contact with water or other liquids.
- Avoid flames and do not put close to flammable liquids or gases.
- If the system has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your system. Leave the system switched off until it has reached room temperature.
- If your Dap Audio device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Dap Audio dealer for service.
- Repairs and/ or servicing must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.

OPERATING DETERMINATIONS

This device is a cable tester for testing the most common cables used on stage or studio. This product is only allowed to be operated with a standard 9V battery and is designed for indoor use only.

If this system is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.

Return Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail aftersales@highlite.nl and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) A brief description of the symptoms

Claims

The client has the obligation to check the delivered goods immediately upon delivery for any short-comings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

Description of the device

Features

The Cable Tester pro is your ideal tool for checking all your audio cables. It is easy in use and rugged for use on the road.

- Test function for: Speakerplug 4 pole, Speakerplug 8 pole, RJ-45, 3,5mm Mini-Jack, 6,3mm Jack, XLR 5 pole, XLR 3 pole, RCA, 5 pole Din
- Battery operated



Fig. 1

Overview

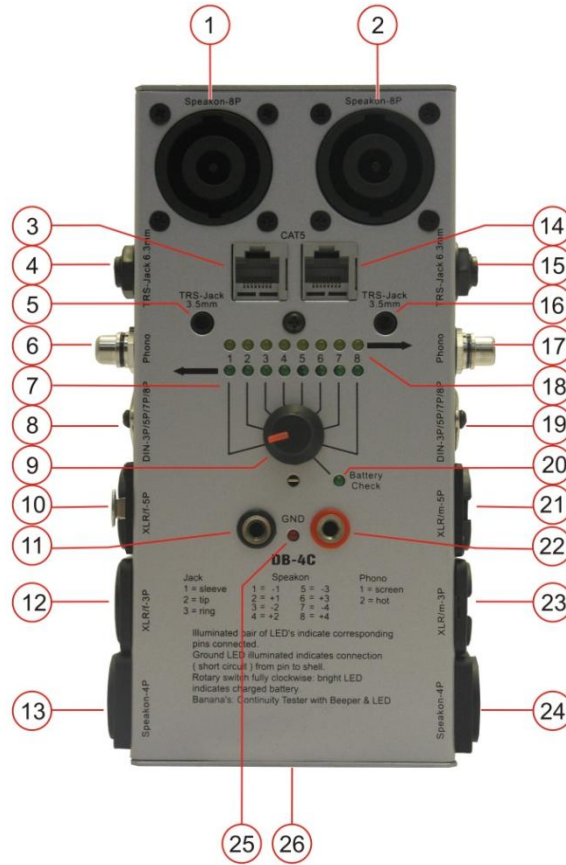


Fig. 2

- | | |
|---|--|
| <ul style="list-style-type: none"> 1) Speakon-8P Socket 2) Speakon-8P Socket 3) Cat 5 Socket 4) TRS-Jack 3.5mm Socket 5) TRS-Jack 6.3mm Socket 6) Phono (RCA) Socket 7) Contact 1-8 indication LED 8) Din- 3P/5P/7P/8P Socket 9) Contact Selector 10) XLR/F-5P connector 11) Banana Socket 12) XLR/F-3P Socket 13) Speakon-4P Socket | <ul style="list-style-type: none"> 14) Cat 5 Socket 15) TRS-Jack 6.3mm Socket 16) TRS-Jack 3.5mm Socket 17) Phono (RCA) Socket 18) Contact 1-8 indication LED 19) Din- 3P/5P/7P/8P Socket 20) Battery Check LED 21) XLR/M-5P Socket 22) Banana Socket 23) XLR/M-3P Socket 24) Speakon-4P Socket 25) GND LED 26) Battery Compartment |
|---|--|

Set Up and Operation

Inserting/ Replacing the battery

Open the battery cover and remove it.

If replacing the battery, remove the old battery from the battery compartment. Leaky or damaged batteries might cause irritation to the skin. When handling them you should use protective gloves.

Insert the battery and make shure the poles are correct.

Close the battery cover.

If the device is not used for a longer period of time, remove the battery.



Fig. 3

Testing a cable

At first, turn the rotary switch fully clockwise to test the battery condition. The battery LED will light bright green if the internal battery is fully charged.

Then plug one end of the cable into the appropriate jack on the left side panel of the cable tester. Plug the other end of the cable into the appropriate jack on the right side panel. Set the rotary switch to "1" to test the connection of contact 1 on the plug inserted into the left side panel.

If there is a connection, the Green LED will light below "1" and a Yellow LED will light above each contact on the right side plug connected to "1" on the left side plug. Use the tables in appendix 1 to verify proper cable connections.

If no LED lights then there is no connection and the left side contact "1" is "floating" due to design or an "open" in the cable.

Set the rotary switch to "2" to test contact 2, and so on, until all contacts have been checked.

If the Ground LED lights then there is a connection between the corresponding contacts and the chassis.

To test the cable with a banana plug, just plug each end of the cable into the banana jacks. The LED will light and the unit will beep a tone if there is a connection between the plugs. These banana jacks can also be used for continuity tests using two probe leads.

Maintenance

The DAP Cable Tester Pro requires almost no maintenance. However, you should keep the unit clean. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.

Keep connections clean. Disconnect electric power, and then wipe the audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Troubleshooting

DAP Cable Tester Pro

This troubleshooting guide is meant to help solve simple problems. If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

1. If the device does not operate properly, unplug the device.
2. Check the battery.
3. If all of the above appears to be O.K., switch the unit on again.
4. If nothing happens after 30 seconds, switch the device off.
5. Return the device to your DAP Audio dealer.

Product Specification

Power supply: 1 standard 9V battery
Dimensions (LxWxD): 190x112x60mm
Weight: 0,8kg



Design and product specifications are subject to change without prior notice.



Website: www.Dap-audio.info

Email: service@highlite.nl

Appendix 1: Connections of commonly used cables

| Jack | Speakon | | Phono (RCA) |
|------------|---------|--------|-------------|
| 1 = sleeve | 1 = -1 | 5 = -3 | 1 = screen |
| 2 = tip | 2 = +1 | 6 = +3 | 2 = hot |
| 3 = ring | 3 = -2 | 7 = -4 | |
| | 4 = +2 | 7 = +4 | |

| 1/4 " TS Mono to 1/4 " TS Mono | |
|--------------------------------|----------|
| 1 sleeve | 1 sleeve |
| 2 tip | 2 tip |

| 1/4 " TRS Stereo to 1/4 " TS Mono | |
|-----------------------------------|------------------|
| 1 sleeve | 1 sleeve, 3 ring |
| 2 tip | 2 tip |
| 3 ring | |

| 1/4 " TRS to 1/4 " TRS | |
|------------------------|----------|
| 1 sleeve | 1 sleeve |
| 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 Balanced to XLR Unbalanced | |
|--------------------------------|--------------|
| 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 | 1 sleeve, 3 ring |
| 2 tip | 2 tip |
| | 1 sleeve, 3 ring |

| 1/4 " TRS to XLR Balanced | |
|---------------------------|-------|
| 1 sleeve | pin 1 |
| 2 tip | pin 2 |
| 3 ring | pin 1 |



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