



## HDMI™ CABLE-TESTER

considerably easier, describing possible faults in detail – only then you can be assured that faults, occurring only rarely, will be found and repaired with certainty!

- The manufacturer is not liable for damages to persons or property caused by improper installation, operation or maintenance, not described in this manual.
- Do not alter or modify the product or its accessories.
- Any use other than described in this user`s manual is not permitted and causes loss of warranty, loss of guarantee, and non-liability.
- We reserve our right for misprints and changes of the device, packing, or user`s manual.

### 11 Disposal Notes:



According to the European WEEE directive, electrical and electronic equipment must not be disposed with consumers waste. Its components must be recycled or disposed apart from each other. Otherwise contaminative and hazardous substances can pollute our environment.

You as a consumer are committed by law to dispose electrical and electronic devices to the producer, the dealer, or public collecting points at the end of the devices lifetime for free. Particulars are regulated in national right. The symbol on the product, in the user`s manual, or at the packaging alludes to these terms. With this kind of waste separation, application, and waste disposal of used devices you achieve an important share to environmental protection.



## HDMI™ line tester



**ATTENTION!** Read the user's manual completely and carefully. It is part of the product and includes important information for proper installation and use. Keep this user's manual for clarification and only pass it on together with the product.

### Table of Content:

### Page:

1	Safety Instructions	1
2	Description and Function	2
3	Intended Use	3
4	Scope of Delivery	3
5	Replacing the Battery	3
6	Operating and Installing	4
7	Maintenance, Care, Storage and Transport	4
8	Troubleshooting	5
9	Specifications	5
10	Warranty and Liability	6
11	Disposal Instructions	7
12	CE Declaration	7

### 1 Safety Instructions:



**ATTENTION!** Only skilled electricians may assemble and disassemble the housing of the product.



**ATTENTION!** Risk of short-circuit!

Never bridge contacts!

Do not put things into ventilation slots or ports!

**ATTENTION!** Risk of injury by stumbling!

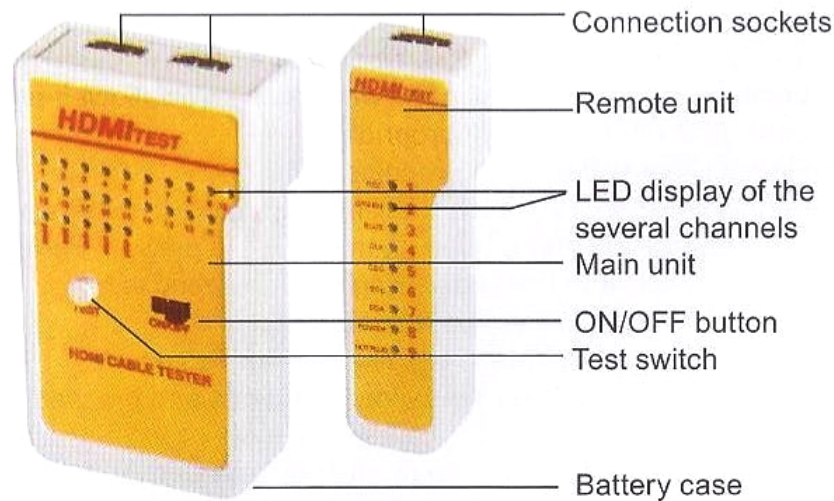


Attend to safe cable installation!

- Your product is not a toy and is not meant for children, because it contains small parts which can be swallowed and can injure when used inappropriately!
- Do not use any damaged products or parts.
- Please remove or store the packing materials well, because children may cut themselves on them while playing. Furthermore, there is a risk of swallowing and inhaling of incidentals and insulating material.
- Avoid extreme influences, e.g. like heat and coldness, humidity and direct sun insultaion, vibrations and mechanical pressure.
- Do not modify or change the product or its accessories! Also mind chapter "warranty and liability".
- Mind the specifications for transporting and use applicable methods, e.g. by using the original packing.
- If defects, mechanical damages, disturbances or other problems occur, which are not solvable with this manual, take the device out of work immediately and consult your dealer for questions, repairing or change like it is described in chapter "warranty and liability".
- A defective device may not be put into operation, but must be protected against further use. Repairing, such as assembling and disassembling the housing is only allowed to skilled professionals. By repairing it yourself you will loose all warranties and there is a risk of electric shock and short circuit.

### 2 Description and Function:

This product is a cable tester for already installed or bulk HDMI™ cables with 2 HDMI™ A plugs. It uses a 9 V battery block and comes with optical and acoustical signals.



### 3 Intended Use:

We do not permit using the device in other ways like described in chapter Description and Function. Use the product only in dry interior rooms. Not attending to these regulations and safety instructions might cause fatal accidents, injuries, and damages to persons and property.

### 4 Scope of Delivery:

- 1 x HDMI™ line tester (main unit)
- 1 x HDMI™ line tester (remote unit)
- 1 x Protection case
- 1 x User's manual

### 5 Replacing the Battery:

Inserting a Battery:

1. Open the battery case at the back of the device by sliding it on.
2. Connect a 9 V battery block to the internal battery clip and place it into the case.

*Batteries are not included.*

3. Close the battery case.

Replacing a Battery:

1. Open the battery case at the back of the device by sliding it on.
2. Disconnect the 9 V battery block and remove it.
3. Insert a new battery and/or close the battery case.

## 6 Operating and Installing:

### 6.1 Testing installed cables:

1. Connect the first cable end to the remote unit, when you want to test already installed cables.
2. Follow the instructions continuing to 6.2.2.

### 6.2 Testing bulk cables:

1. Connect the first cable end to the main units REMOTE connection, when you want to test bulk cables.  
*The order is unimportant at this.*
2. Connect the second cable end to the main units MAIN connection.
3. Switch on the HDMI™ line tester by using the ON/OFF switch.

*The LEDs shine after each other = Function test of the HDMI™ line tester. The Power LED shines.*

Automatic test mode:

After the function test the cable test starts automatically and all channel LEDs should shine permanently for around 5 seconds.

Testing result:

A short beep and one of the following signal LEDs shine on the main unit:

- |        |   |
|--------|---|
| PASS:  | The cable is wired 1:1 and intact.  |
| OPEN:  | The cable is not wired or has a defective contact at the not shining channel LEDs<br><i>The cable is defective.</i> |
| CROSS: | The cable is wired cross-over or in a wrong way.<br><i>The cable is defective.</i>                                  |
| SHORT: | The shining channels are short-circuited.<br><i>The cable is defective.</i>   |

Manually testing:

Press the Test switch for a new testing procedure.

## 7 Maintenance, Care, Storage and Transport:

- The device is maintenance-free.
- Always turn off the product and put it into the storage pouch,

when not in use!

- Use a dry and soft cloth to clean your product. Be careful to avoid scratches. Use a slightly moist cloth for heavy stains. Look out for live cables! Do not use any cleaning supplies. This can cause burns to the materials. Avoid liquid entry to the device.
- Avoid places with high temperatures, humidity, or places which can become wet, also during maintenance, care, storage, and transport.
- Keep the product away from children and store it at dry and dust-proof places!
- Keep the original packing for transport and to avoid damages.

### 8 Troubleshooting:

Problem	Help
Device does not work.	<ul style="list-style-type: none"> <li>• Check if a 9 V battery block is inside the battery case.</li> <li>• Make sure battery is full.</li> </ul>
other questions	Consult your dealer.

### 9 Specifications:

Connections main unit	1 x HDMI A socket REMOTE 1 x HDMI A socket MAIN
Connections remote unit	1 x HDMI A socket
Weight of both units	107 g
Dimensions main unit	103.7 x 62.4 x 28.7 mm
Dimensions remote unit	100.4 x 30.4 x 24.9 mm
Operating voltage	9 V DC
Battery size	9 V block
Housing	plastics

LED	LED Name	HDMI Pin	Signal
		1	TMDS Data2+
1	Data RED	2	TMDS Data2 Shield
		3	TMDS Data2-
2		4	TMDS Data1+
	Data BLUE	5	TMDS Data1 Shield
		6	TMDS Data1-
3		7	TMDS Data0+
	Data GREEN	8	TMDS Data Shield
		9	TMDS Data0-
4		10	TMDS Data Clock+
	CLOCK	11	TMDS Data Clock S.
		12	TMDS Data Clock-
5	CEC	13	CEC
		14	Reserved (N.C.)
6	SCL	15	SCL
7	SDA	16	SDA
		17	DDC/CEC Ground
8	+5 Volts	18	+5 V DC
9	Hot Plug	19	Hot Plug Detect

### 10 Warranty and Liability:

- The producer grants a 2 years warranty to a new device.
- As the manufacturer has no influence on installation, warranty only applies to the product itself.
- If any fault or damage is detected on your device, please contact your dealer and provide your sales slip or invoice as evidence of the purchase, if necessary. Your dealer will repair the fault either on site, or send the device to the manufacturer. You make the work of our technicians