

LINDY®

CONNECTION PERFECTION

Tester for HDMI cables

User Manual
Benutzerhandbuch
Manuel Utilisateur
Manuale d'uso

English
Deutsch
Français
Italiano

English Manual

Introduction

Thank you for purchasing the LINDY Tester for HDMI cables. This tester enables you to quickly and easily check HDMI cables for correct wiring and shorts.

Package Contents

- 1x Master unit with HDMI in and out
- 1x Remote unit
- 1x Carry and storage bag
- This User Manual

Operation

IMPORTANT: Never connect a cable to the tester when the other end is connected to a HDMI device!

For testing of cables with HDMI Mini and Micro connector please use LINDY adapters A male to Mini (C) or Micro (D) female.

1. The master unit requires a 9V battery – not included.
2. The master unit provides two HDMI sockets for direct testing. Just plug both cable ends into the master unit and press the TEST button. In AUTO test mode all connections will be repeatedly tested, sequentially, within a few seconds. The tester has two rows of 9 LEDs that should always be lit in parallel.
3. Using the remote unit installed cables can also be tested when the cable ends are in different places. Connect one cable end to port 1 of the master unit and the other cable end to the remote unit. In AUTO test mode the LEDs repeatedly must be lit sequentially one by one on both master and remote unit.

The tester tests all pin connections except pin 14 (reserved, not used) and pin 17 (Ground).

LED assignment:

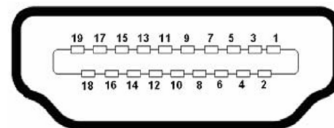
LED 1: Pins 1, 2, 3 TMDS channel 2 (Red)

LED 2: Pins 4, 5, 6 TMDS channel 1 (Green)

LED 3: Pins 7, 8, 9 TMDS channel 0 (Blue)

LED 4: Pins 10, 11, 12 TMDS channel 3 (Clock, HDCP)

LED 5: Pin 13 (CEC)



LED 6: Pin 15 (SCL)

LED 7: Pin 16 (SDA)

LED 8: Pin 18 (+5V DC)

LED 9: Pin 19 (Hot Plug Detect)

Deutsches Benutzerhandbuch

EINFÜHRUNG

Wir gratulieren Ihnen zum Kauf des LINDY Testers für HDMI Kabel. Er erlaubt das schnelle und einfache Testen ob die Pins korrekt verbunden sind.

LIEFERUMFANG

- 1x Master Unit mit HDMI Ein- und Ausgang
- 1x Remote Unit zum Testen bereits verlegter Kabel
- 1x Transport- und Zubehörtasche
- Dies Handbuch

HANDHABUNG

WICHTIG: Schließen Sie NIE ein am anderen Kabelende noch mit einem Gerät verbundenes Kabel an!!!

Zum Testen von HDMI Mini- oder Micro-Kabeln verwenden Sie LINDY Adapter A-Stecker an Buchse Mini (C) oder Micro (D)!

1. Der Master Unit benötigt eine 9V Blockbatterie – nicht im Lieferumfang enthalten.
2. Testen Sie Kabel einfach durch Einstecken in die Buchsen am Master Unit. Drücken Sie den **TEST** Schalter. Im AUTO-Modus werden die Verbindungen kontinuierlich der Reihe nach in wenigen Sekunden durchgemessen. Die 2 Reihen mit je 9 LEDs sollten dabei parallel aufleuchten.
3. Unter Verwendung des Remote Unit können auch bereits verlegte Kabel getestet werden, deren Enden weit voneinander entfernt liegen. Stecken Sie einen Stecker in Port 1 des Master Unit und den anderen in den Remote Unit. Im AUTO-Modus müssen auch die 9 LEDs am Remote Unit der Reihe nach aufleuchten.

Der Tester prüft alle Kabeladern außer Pin 14 (Reserviert, nicht verwendet) und Pin 17 (Ground)

LED Zuordnung:

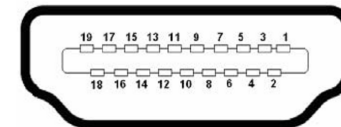
LED 1: Pins 1, 2, 3 TMDS Kanal 2 (Rot)

LED 2: Pins 4, 5, 6 TMDS Kanal 1 (Grün)

LED 3: Pins 7, 8, 9 TMDS Kanal 0 (Blau)

LED 4: Pins 10, 11, 12 TMDS Kanal 3 (Clock, HDCP)

LED 5: Pin 13 (CEC)



LED 6: Pin 15 (SCL)

LED 7: Pin 16 (SDA)

LED 8: Pin 18 (+5V DC)

LED 9: Pin 19 (Hot Plug Detect)

LINDY No. 43062

www.LINDY.com



FCC Compliance Statement

This equipment has been tested and found to comply with the limits in accordance with the specifications in Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when the equipment is operated in a commercial environment. If this equipment causes interference, what can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician

FCC WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC Rules.



WEEE (Waste of Electrical and Electronic Equipment), Recycling of Electronic Products

Europe & United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process. Each individual EU member state has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.

Germany

Die Europäische Union hat mit der WEEE Richtlinie umfassende Regelungen für die Verschrottung und das Recycling von Elektro- und Elektronikprodukten geschaffen. Diese wurden im Elektro- und Elektronikgerätegesetz – ElektroG in deutsches Recht umgesetzt. Dieses Gesetz verbietet das Entsorgen von entsprechenden, auch alten, Elektro- und Elektronikgeräten über die Hausmülltonne! Diese Geräte müssen den lokalen Sammelsystemen bzw. örtlichen Sammelstellen zugeführt werden! Dort werden sie kostenlos entgegen genommen. Die Kosten für den weiteren Recyclingprozess übernimmt die Gesamtheit der Gerätehersteller.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (DEEE) pour le recyclage de tout équipement électrique et électronique. Chaque Etat membre de l' Union Européenne a mis en application la nouvelle réglementation DEEE de manières légèrement différentes. Veuillez suivre le décret d'application correspondant à l'élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l'unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate. Ogni stato membro dell' EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico.

Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.



**Tested to Comply With
FCC Standards
For Commercial Use Only**

LINDY No. 43062

Manuel Utilisateur

Introduction

Merci d'avoir choisi le testeur LINDY pour câbles HDMI. Il vous permet de tester facilement et rapidement la continuité des câbles HDMI.

Contenu

- 1x unité locale maître avec entrée et sortie HDMI
- 1x unité distante
- 1x housse de transport
- Ce manuel d'utilisateur

Utilisation

IMPORTANT: ne jamais connecter un câble au testeur si l'autre extrémité est connectée à un appareil HDMI!

Pour tester des câbles mini et micro HDMI, utilisez simplement des adaptateurs LINDY type A mâle vers type mini (C) ou Micro (D) femelle!

- L'unité maître a besoin d'une pile 9V, non fournie.
- L'unité maître possède deux prises HDMI de test. Connectez simplement les 2 extrémités d'un câble HDMI sur ces 2 prises, puis pressez le bouton TEST. En mode AUTO, toutes les broches seront testées automatiquement l'une après l'autre. Le testeur a 2 lignes de 9 LEDs qui doivent toujours s'allumer parallèlement.
- Avec l'aide de l'unité distante, les câbles déjà installés dans les gaines peuvent être testés. Connectez une extrémité du câble au port 1 de l'unité maître et l'autre extrémité à l'unité distante. En mode AUTO, les LEDs doivent s'allumer une par une séquentiellement, sur l'unité maître et distante.

Le testeur teste toutes les broches d'une prise HDMI excepté la broche 14 (réservée, non utilisée) et la broche 17 (masse).

Correspondance des LEDs:

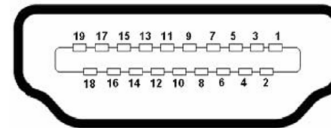
LED 1: broches 1, 2, 3 pour le canal 2 TMDS (rouge)

LED 2: broches 4, 5, 6 pour le canal 1 TMDS (vert)

LED 3: broches 7, 8, 9 pour le canal 0 TMDS (bleu)

LED 4: broches 10, 11, 12 pour le canal 3 TMDS (horloge, HDCP)

LED 5: broche 13 (CEC)



LED 6: broche 15 (SCL)

LED 7: broche 16 (SDA)

LED 8: broche 18 (+5V DC)

LED 9: broche 19 (détection Hot Plug)

Manuale d'uso

Introduzione

Grazie per aver scelto il Tester per cavi HDMI LINDY. Questo prodotto consente di testare facilmente dei cavi HDMI per verificarne la corretta pinatura e integrità dei contatti.

Contenuto della confezione

- 1x unità principale con ingresso e uscita HDMI
- 1x unità remota
- 1x custodia
- Questo manuale

Utilizzo

IMPORTANTE: non collegare il cavo al tester se dall'altro capo è connesso ad un dispositivo HDMI!

Per testare cavi con connettori Mini e Micro HDMI utilizzare gli adattatori LINDY A maschio a Mini (C) o Micro (D) femmina.

- L'unità principale necessita di una batteria 9V – non inclusa.
- L'unità principale ha due porte HDMI per testare direttamente il cavo. Basta inserire entrambi i connettori di un cavo e premere il tasto TEST. In modalità AUTO test tutte le connessioni vengono testate in sequenza in pochi secondi. Il tester ha due file di 9 LED che dovrebbero sempre accendersi in parallelo.
- E' possibile testare cavi già installati utilizzando l'unità remota. Basta collegare un capo del cavo alla porta 1 dell'unità principale e l'altro capo all'unità remota. In modalità AUTO test i LED dovrebbero accendersi uno ad uno in sequenza su entrambe le unità.

Il tester controlla tutti i pin collegati fatta eccezione per il pin 14 (non utilizzato, riservato) e pin 17 (massa).

Corrispondenza LED:

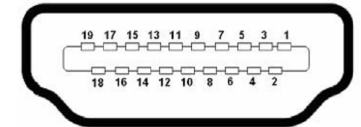
LED 1: Pin 1, 2, 3 TMDS canale 2 (Rosso)

LED 2: Pin 4, 5, 6 TMDS canale 1 (Verde)

LED 3: Pin 7, 8, 9 TMDS canale 0 (Blu)

LED 4: Pin 10, 11, 12 TMDS canale 3 (Clock, HDCP)

LED 5: Pin 13 (CEC)



LED 6: Pin 15 (SCL)

LED 7: Pin 16 (SDA)

LED 8: Pin 18 (+5V DC)

LED 9: Pin 19 (Hot Plug)