

LINK LKMS06

LINK LKMS06 HDMI Cable Tester User Manual

Model: LKMS06

1. INTRODUCTION

Thank you for choosing the LINK LKMS06 HDMI Cable Tester. This device is designed for both domestic and professional use to verify the integrity and configuration of HDMI Type A and Type C cables. It can detect open circuits, short circuits, and correctly connected conductors, ensuring optimal cable performance. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using the device. Failure to follow these instructions may result in damage to the device or personal injury.

- Do not expose the device to moisture or extreme temperatures.
- Use only a 9V battery (not included) for power. Ensure correct polarity during installation.
- Do not attempt to open or modify the device. Refer all servicing to qualified personnel.
- Keep the device away from children.
- Avoid connecting the tester to live circuits or Power over Ethernet (PoE) circuits to prevent damage.

3. PACKAGE CONTENTS

Upon unpacking, please ensure all items listed below are present:

- LINK LKMS06 Main Unit (Master)
- LINK LKMS06 Remote Unit
- Zippered Carrying Case
- User Manual (this document)

Note: A 9V battery is required for operation and is not included in the package.

4. PRODUCT OVERVIEW

The LINK LKMS06 consists of two main parts: the Master unit and the Remote unit. Both units feature HDMI Type A and Type C ports, along with LED indicators for each of the 19 pins and the shield connection.

4.1. Main Unit (Master) and Remote Unit

The Master unit and Remote unit can be connected together for storage or separated for testing longer cables. Each unit has clearly labeled HDMI ports and LED indicators.



Image 1: The LINK LKMS06 HDMI Cable Tester showing the Master and Remote units connected. The top surface of each unit displays LED indicators for the 19 pins and shield, along with power and test mode switches. This configuration is suitable for storage or testing shorter cables.



Image 2: The LINK LKMS06 HDMI Cable Tester with the Master and Remote units separated. This view highlights the HDMI Type A and Type C ports on each unit, which are used for connecting the HDMI cable under test. The separation allows for testing of longer cables where the remote end is distant from the master unit.

4.2. Zippered Carrying Case

The device comes with a protective zippered carrying case for portability and storage.



Image 3: The black zippered carrying case provided with the LINK LKMS06 HDMI Cable Tester. This case offers protection and convenience for transporting the tester and its components.

5. SETUP

5.1. Battery Installation

The LINK LKMS06 requires one 9V battery (not included) for operation.

1. Locate the battery compartment on the back of the Master unit.
2. Open the battery compartment cover.
3. Insert a new 9V battery, ensuring the correct polarity (+/-).
4. Close the battery compartment cover securely.

Note: The Remote unit does not require a battery as it is powered by the Master unit through the cable under test.

6. OPERATING INSTRUCTIONS

6.1. Connecting the Cable

1. Separate the Master unit and the Remote unit if they are connected.
2. Connect one end of the HDMI cable (Type A or Type C) to the corresponding port on the Master unit.
3. Connect the other end of the HDMI cable to the corresponding port on the Remote unit.

6.2. Selecting Test Mode

The LINK LKMS06 offers three testing modes: Auto Fast, Auto Slow, and Manual. Use the switch on the

Master unit to select your desired mode.

- **Auto Fast:** The tester cycles through each pin connection quickly. This mode is suitable for quick checks of cable continuity.
- **Auto Slow:** The tester cycles through each pin connection at a slower pace, allowing for more detailed observation of the LED indicators.
- **Manual:** In this mode, you can manually step through each pin connection one by one. This is useful for pinpointing specific issues on individual pins.

6.3. Interpreting LED Indicators

Both the Master and Remote units feature 19 LEDs corresponding to the 19 pins of an HDMI cable, plus an additional LED for the shield connection. When a pin is correctly connected, its corresponding LED on both the Master and Remote units will illuminate simultaneously.

- **LED On (both units):** Indicates a good connection for that specific pin.
- **LED On (one unit only):** Indicates an open circuit (break) in the cable for that specific pin.
- **Multiple LEDs On (one unit, or unexpected pattern):** May indicate a short circuit or miswiring.
- **No LED On:** Indicates an open circuit for that specific pin.

The tester verifies continuity and correct configuration for all 19 poles and the ground connection. This allows you to determine how many conductors are connected, which is crucial for assessing the cable's standard compliance and quality.

6.4. Testing Cable Lengths

The LINK LKMS06 can test HDMI cables up to 50 meters (approximately 164 feet) in length.

7. MAINTENANCE

7.1. Cleaning

To clean the device, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the casing or internal components.

7.2. Storage

When not in use, store the LINK LKMS06 in its zippered carrying case in a cool, dry place, away from direct sunlight and extreme temperatures. Remove the 9V battery if the device will not be used for an extended period to prevent battery leakage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No LEDs illuminate on either unit.	No battery or low battery in Master unit.	Install a fresh 9V battery in the Master unit.
Only Master unit LEDs illuminate, or Remote unit LEDs are dim.	Cable is too long or has high resistance. Poor connection.	Ensure cable is fully seated. Try a shorter cable to confirm tester functionality.


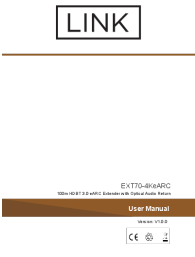




Problem	Possible Cause	Solution
Specific pin LED(s) do not illuminate on Remote unit.	Open circuit in the cable for that pin.	The cable is faulty and needs replacement.
Multiple unexpected LEDs illuminate or flicker.	Short circuit or miswiring in the cable.	The cable is faulty and needs replacement.
Tester does not respond to mode switch.	Internal fault.	Contact customer support for assistance.

9. SPECIFICATIONS

Feature	Detail
Model	LKMS06
Brand	LINK
Cable Types Supported	HDMI Type A, HDMI Type C
Test Modes	Auto Fast, Auto Slow, Manual
Indicators	19 LEDs for pins + 1 LED for shield (per unit)
Max Cable Length	Up to 50 meters (approx. 164 feet)
Power Source	1 x 9V Battery (not included)
Dimensions (L x W x H)	14 x 11 x 3 cm (approximate, combined units)
Measurement Type	Cable Continuity Tester

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or visit the official LINK product support website. Keep your proof of purchase for warranty claims.

	<p>LINK MX44-4KECO 4x4 HDMI Matrix Switcher User Manual</p> <p>User manual for the LINK MX44-4KECO, a 4x4 HDMI matrix switcher with audio outputs, featuring 4K@60Hz 4:4:4, HDR, HDCP 2.2, and multiple control options including IR, RS232, and Web UI.</p>
	<p>LINK EXT70-4KeARC 100m HDBT 3.0 eARC Extender User Manual</p> <p>User manual for the LINK EXT70-4KeARC, a 100m HDBT 3.0 eARC Extender with Optical Audio Return. Features include 4K@60Hz support, HDR, multiple audio modes, and bi-directional control pass-through.</p>
	<p>The Better Sleep Study: Link AI & Barker Beds Canine Sleep Quality Report</p> <p>A technical report summary detailing the findings of The Better Sleep Study, evaluating the effectiveness of Link AI wearable technology and Barker Beds orthopedic bedding on canine sleep quality, restfulness, and overall wellness. The study leveraged data from 42 dogs over five weeks.</p>
	<p>Business Broker Magazine: New Zealand Accommodation Sector Insights & Business Sales</p> <p>Explore the New Zealand accommodation and hospitality market with Business Broker magazine. Featuring insights on business valuation, sales trends, and LINK brokers' expertise.</p>
	<p>LINK CE Marked Abrasives for Oscillating Multitool - Made in China</p> <p>Product label details for LINK brand 80mm triangular abrasives for oscillating multitools, confirming CE conformity and manufactured in China. Includes disposal information.</p>
	<p>LK1924UIP65 19" 24U IP65 Outdoor Rack Cabinet</p> <p>Detailed specifications and construction details for the LK1924UIP65 19-inch 24U outdoor rack cabinet with IP65 protection, 600mm width, 650mm depth, and a 200mm base. Features include a galvanized zinc coating, double-layer structure, polyurethane seals, and a load capacity of 500 Kg.</p>

