

KabelDirekt 2413

KabelDirekt 4K HDMI Cable Instruction Manual

Model: 2413

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your KabelDirekt 4K HDMI Cable. Designed with German engineering, this cable ensures high-quality audio and video transmission for a wide range of devices.

Key features of your KabelDirekt HDMI Cable include:

- **High Performance:** Supports up to 4K@60Hz, HDR, 7.1 surround sound, ARC, and Ethernet for stunning image and sound quality.
- **German-Engineered Quality:** Features a multi-layer shielding system, gold-plated, break-resistant connectors, and high-purity copper conductors for stable, interference-free transmission.
- **Wide Compatibility:** Works with PCs, laptops, game consoles (PS5, Xbox, Switch), Blu-ray/DVD players, TVs, streaming devices, monitors, and projectors.



Image: Visual representation of the KabelDirekt HDMI cable's supported features, including 4K@60Hz, High Dynamic Range (HDR), 3D, 48-bit Deep Color, Audio Return Channel (ARC), 7.1 Surround Sound, and Ethernet capabilities.

SETUP

Connecting your KabelDirekt HDMI cable is a straightforward process. Follow these steps for optimal performance:

1. **Identify Ports:** Locate the HDMI output port on your source device (e.g., game console, Blu-ray player, PC) and the HDMI input port on your display device (e.g., TV, monitor, projector).
2. **Connect Cable:** Insert one end of the KabelDirekt HDMI cable firmly into the HDMI output port of your source device.
3. **Connect to Display:** Insert the other end of the KabelDirekt HDMI cable firmly into an available HDMI input port on your display device.
4. **Select Input:** On your display device, use the remote control or on-screen menu to select the corresponding HDMI input source.

Ensure all connections are secure to prevent signal loss or interference. The cable is designed for a male-to-male connection between devices.



Image: A KabelDirekt HDMI cable securely connected to an HDMI input port on the back of a television, demonstrating a typical setup.

OPERATING

Once connected, your KabelDirekt HDMI cable operates automatically to transmit audio and video signals. No additional software or drivers are required.

- **High Resolution:** Enjoy resolutions up to 4K (3840x2160) at a refresh rate of 60Hz, provided your source and display devices support these specifications.
- **High Dynamic Range (HDR):** If your devices support HDR, the cable will transmit the necessary data for enhanced contrast and color depth.
- **Audio Return Channel (ARC):** For compatible devices, ARC allows audio to be sent from your TV back to an AV receiver or soundbar using a single HDMI cable.
- **Ethernet Channel:** The integrated Ethernet channel allows for network data transmission between connected devices, reducing the need for separate Ethernet cables.



Image: A central image of an HDMI connector surrounded by smaller images depicting various applications: watching TV, gaming on a PC, working on a laptop, and using a projector, all connected via an HDMI cable.

MAINTENANCE

To ensure the longevity and optimal performance of your KabelDirekt HDMI cable, follow these maintenance guidelines:

- **Handle with Care:** Avoid excessive bending, twisting, or pulling of the cable, especially near the connectors.
- **Clean Connectors:** If necessary, gently clean the gold-plated connectors with a dry, lint-free cloth. Do not use liquid cleaners.
- **Proper Storage:** When not in use, coil the cable loosely and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Obstructions:** Do not place heavy objects on the cable, as this can damage the internal wiring.

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Image: An illustration highlighting the internal construction of a KabelDirekt HDMI connector, showcasing its multi-layer shielding and robust design, contrasted with a simpler, less protected generic connector.

TROUBLESHOOTING

If you encounter issues with your KabelDirekt HDMI cable, try the following troubleshooting steps:

- **No Picture/Sound:**

- Ensure both ends of the HDMI cable are securely connected to the correct ports.
- Verify that your display device is set to the correct HDMI input source.
- Try connecting a different HDMI cable to rule out a device issue.
- Restart both the source and display devices.

- **Poor Picture Quality (Flickering, Static, Incorrect Colors):**

- Check if the cable is damaged. Inspect for visible kinks or cuts.
- Ensure your source and display devices are capable of the desired resolution and refresh rate (e.g., 4K@60Hz).
- Try a different HDMI port on your display device.

- Reduce the resolution or refresh rate in your source device's settings to see if the issue persists.

• **ARC Not Working:**

- Ensure both your TV and audio receiver/soundbar support ARC and that the feature is enabled in their respective settings.
- Connect the HDMI cable to the specific HDMI port on your TV labeled "ARC" or "HDMI (ARC)".

SPECIFICATIONS

Brand	KabelDirekt
Model	2413
Connector Type	HDMI (Male-to-Male)
Cable Type	HDMI
Data Transfer Rate	18 Gigabits Per Second
Frequency	60 Hz (for 4K)
Compatible Devices	TVs, notebooks, projectors, A/V receivers, Xbox Series X/S, Xbox One, PS4, PS5, other video game consoles, monitors, UHD players, Apple TV devices, PCs, Blu-ray players, and all HDMI-enabled devices.
Color	Black
Indoor/Outdoor Usage	Indoor

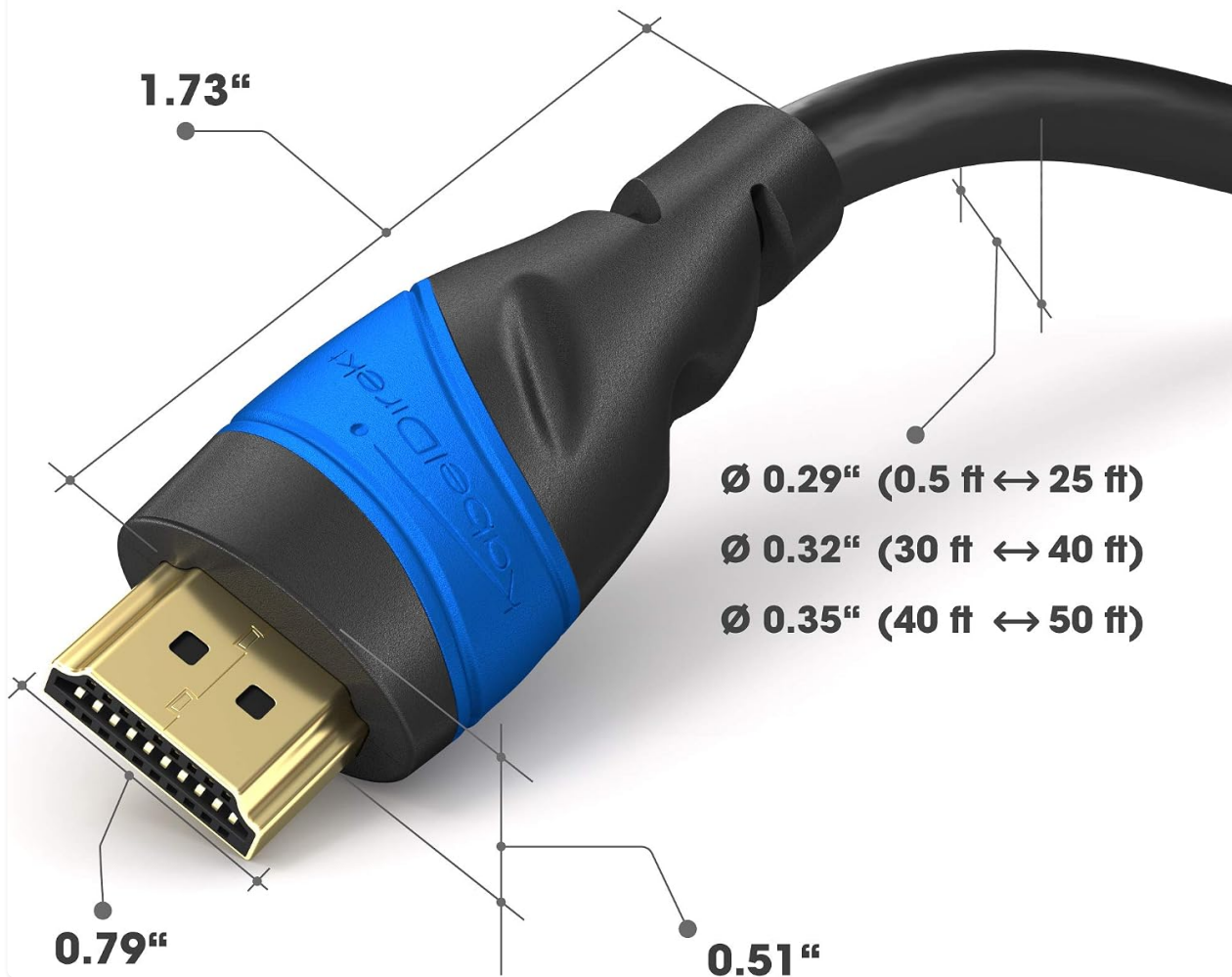


Image: A technical diagram illustrating the physical dimensions of the KabelDirekt HDMI connector, including length and diameter measurements for various cable lengths.

WARRANTY

KabelDirekt products are backed by a 36-month manufacturer warranty from the date of purchase. This warranty covers material and manufacturing defects.

Important Warranty Information:

- Warranty claims are non-transferable and apply only to the original purchaser.
- Repair or replacement of a defective product does not extend the original warranty period.
- A replacement product will be provided, especially if the defective product is no longer available in stock.

Exclusions: The warranty does not cover defects or damages resulting from:

- Improper use, faulty installation, or non-compliance with operating instructions.
- Normal wear and tear.
- Damage caused by accessories not approved for use with the product.
- Modifications or alterations to the product.
- Exposure to excessive heat, direct sunlight, or high humidity.
- Overloading or failure to follow usage instructions.

- Repairs performed by unauthorized persons.
- External influences such as falls, violence, lightning, fire, water, or other unclear causes.
- Temperatures exceeding 30°C or high humidity.

SUPPORT

For technical assistance, warranty claims, or any questions regarding your KabelDirekt HDMI cable, please contact KabelDirekt customer support.

When contacting support, please have your product model (2413) and proof of purchase readily available to facilitate the process.

Contact Information for Warranty Claims:

Idel Versandhandel GmbH

Stichwort „Garantiefall“

Theodor-Storm-Str. 31

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Germany