

goobay 65558

goobay 65558 Hybrid Optical Ultra High-Speed HDMI Cable User Manual

Model: 65558 | Brand: goobay

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your goobay 65558 Hybrid Optical Ultra High-Speed HDMI Cable. This advanced cable is designed for high-resolution signal transmission, supporting up to 8K at 60 Hz (4320p) and 4K at 120 Hz, with a maximum bandwidth of 48 Gbps. It incorporates Active Optical Cable (AOC) technology, combining fiber optics with metal conductors for interference-free transmission over long distances without signal loss or amplification.

Key features include support for Enhanced Audio Return Channel (eARC), Audio Return Channel (ARC), High-Bandwidth Digital Content Protection (HDCP 2.2), HDMI Ethernet Channel (HEC), 3D content, and Consumer Electronics Control (CEC).

Câble Optique Hybride

HDMI™ Ultra-Haute Vitesse, Ethernet & AOC



Haute résolution 8K
jusqu'à 48 Gbit/s



Câble à fibre
optique



Câble AOC actif pour
grandes distances



Connecteurs
plaqués or

goobay®

Image: The goobay 65558 Hybrid Optical Ultra High-Speed HDMI Cable, showcasing its sleek design and 8K capability.

SETUP AND CONNECTION

The goobay 65558 HDMI cable is directional. It features clearly labeled "Source" and "Display" connectors to ensure correct installation. Incorrect connection may result in no signal or degraded performance.

- 1. Identify Connectors:** Locate the "Source" end of the HDMI cable. This end must be connected to your source device (e.g., game console, Blu-ray player, PC).
- 2. Identify Display Connector:** Locate the "Display" end of the HDMI cable. This end must be connected to your

display device (e.g., TV, monitor, projector).

3. **Connect Source:** Carefully insert the "Source" connector into the HDMI output port of your source device.
4. **Connect Display:** Carefully insert the "Display" connector into the HDMI input port of your display device.
5. **Secure Connection:** Ensure both connectors are firmly seated in their respective ports. Avoid forcing the connectors, as this can cause damage.

The cable's narrow and robust metal plugs with bend protection are designed for tight spaces, allowing for flexible installation.



Image: Diagram illustrating the directional connection of the HDMI cable, showing "Source" and "Display" ends and the conversion of electrical to optical signals.

OPERATING INSTRUCTIONS

Once the cable is correctly connected, your devices should automatically detect the signal. If not, follow these steps:

- **Power On Devices:** Ensure both your source device and display device are powered on.
- **Select Correct Input:** On your display device (TV/monitor), use the remote control or on-screen menu to select the correct HDMI input port to which the cable is connected.
- **Verify Settings:** For optimal performance, ensure your source device's video output settings (resolution, refresh rate) are compatible with your display and the cable's capabilities (e.g., 8K@60Hz, 4K@120Hz).
- **Utilize Advanced Features:**
 - **ARC/eARC:** If your devices support Audio Return Channel (ARC) or Enhanced Audio Return Channel (eARC), enable this feature in your TV and audio receiver settings to transmit audio back to your sound system via the HDMI cable.
 - **HDR:** For High Dynamic Range content, ensure both your source and display support HDR and that it is enabled in their settings.
 - **HDCP 2.2:** This cable supports HDCP 2.2 for protected content. Ensure your devices are also compatible for seamless playback of 4K/8K content.
 - **CEC:** Consumer Electronics Control allows connected devices to communicate and control each other (e.g.,

turning on/off multiple devices with one remote). Enable CEC in your device settings if desired.



Image: An illustration highlighting the wide compatibility of the goobay HDMI cable, supporting HDR, HEC, HDCP 2.2, and CEC.



Image: Collage showing various devices (projector, gaming console, home theater, PC monitor) connected with the goobay HDMI cable, demonstrating excellent picture quality.

MAINTENANCE

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

- **Handle with Care:** Avoid excessive bending, twisting, or pulling of the cable, especially near the connectors. While the cable has bend protection, extreme stress can damage the internal fiber optics.
- **Clean Connectors:** If connectors appear dusty or dirty, gently wipe them with a clean, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the cable in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable.
- **Environmental Conditions:** The cable is designed to operate between 0°C and 50°C. Avoid exposing it to temperatures outside this range.



Image: Close-up of the goobay HDMI cable connector, highlighting its slim design and integrated bend protection for durability.

TROUBLESHOOTING

If you encounter issues with your goobay HDMI cable, refer to the following common troubleshooting steps:

- **No Picture/No Signal:**
 - Ensure the "Source" end is connected to the source device and the "Display" end to the display device. This cable is directional.
 - Verify that both devices are powered on.
 - Check that the correct HDMI input is selected on your display device.
 - Try disconnecting and reconnecting the cable at both ends.
 - Test with a different HDMI cable (if available) to rule out issues with the source or display device.
 - Reduce the resolution or refresh rate on your source device to see if a signal is established.
- **Flickering Picture or Intermittent Signal:**
 - Ensure all connections are secure and not loose.
 - Check for any physical damage to the cable or connectors.
 - Minimize electromagnetic interference by keeping the cable away from power cords or other electronic devices.
 - Update firmware on your source and display devices if available.
- **No Audio:**
 - Verify that the audio settings on both your source and display devices are correctly configured.
 - If using ARC/eARC, ensure it is enabled on both your TV and audio receiver.
 - Check the volume levels on all connected devices.

• **Content Protection (HDCP) Issues:**

- If you receive an HDCP error, ensure all connected devices (source, display, and any intermediate devices like receivers) support HDCP 2.2.
- Try power cycling all devices (turn off, unplug for a minute, then plug back in and turn on).

If these steps do not resolve the issue, please contact goobay customer support or your retailer for further assistance.

SPECIFICATIONS

Model	65558
Brand	goobay
Cable Type	Hybrid Optical Ultra High-Speed HDMI Cable (AOC)
Connector Type	HDMI™ (Type A) Male to HDMI™ (Type A) Male
Connector Material	Gold-plated
Cable Length	10 meters
Internal Conductor Material	Hybrid (fiber optic + metal conductor)
Max Resolution Supported	8K @ 60 Hz (4320p), 4K @ 120 Hz
Max Data Transfer Rate	48 Gbps
Supported Standards	HDR (High Dynamic Range), HDMI™ Ethernet Channel (HEC), 3D, HDCP 2.2, Consumer Electronics Control (CEC)
Supported Audio Standards	Enhanced Audio Return Channel (eARC), Audio Return Channel (ARC)
Color	Black
Operating Temperature	0 °C to 50 °C
Certifications	WEEE, CE
Weight	309 Grams

WARRANTY INFORMATION

The goobay 65558 Hybrid Optical Ultra High-Speed HDMI Cable comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation. Please retain your proof of purchase for any warranty claims.

SUPPORT

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact:

- **goobay Customer Service:** Refer to the contact information provided on the product packaging or the official goobay website.
- **Your Retailer:** Contact the store or online vendor where you purchased the product.

When contacting support, please have your product model number (65558) and proof of purchase ready.

