

manuals.plus /

› **UGREEN** /

› **UGREEN 40201 1x2 HDMI Amplifier Splitter User Manual**

UGREEN 40201

UGREEN 40201 1x2 HDMI Amplifier Splitter

Model: 40201 (ACBUGN40201)

User Manual

1. INTRODUCTION

The UGREEN 40201 1x2 HDMI Amplifier Splitter is designed to distribute a single HDMI input signal to two HDMI output displays simultaneously. It supports various resolutions, including 4K@30Hz, 3D, and HDCP, making it suitable for connecting devices such as DVD players, satellite boxes, cable boxes, PCs, Xbox, and PS3 to multiple HDMI displays.

This device also features signal buffering and amplification capabilities, allowing for long-distance transmission of HDMI signals without significant loss of quality.

2. PACKAGE CONTENTS

Please check the package contents upon unpacking. If any items are missing or damaged, contact your retailer.

- 1 x UGREEN 40201 1x2 HDMI Amplifier Splitter
- 1 x DC 5V 1A Power Adapter (3.5*1.35*9.5mm)

会议演讲 大屏精彩互动

连接两个投影仪 会议室两边共享视频



Image: The UGREEN 40201 1x2 HDMI Amplifier Splitter unit, showing its compact design and port layout.

3. FEATURES

- **HDMI Version:** HDMI 1.4V
- **Resolution Support:** Supports 4K@30Hz, 1080p, 1080i, 720p, 576p, 480p
- **3D Support:** Supports all mandatory and several optional 3D formats
- **HDCP Support:** Full compatibility with HDCP
- **Input/Output:** 1 HDMI input port, 2 HDMI output ports
- **Signal Amplification:** Built-in signal buffering and amplification
- **Long Distance Transmission:** Supports up to 40m 1080P transmission with HDMI cables (20m input, 20m output with 24AWG cable)
- **Deep Color:** Supports 12-bit deep color
- **Audio Formats:** Supports LPCM 7.1 and other uncompressed audio formats like Dolby True HD, DTS-master
- **Operating Frequency:** Up to 225MHz, 6.75Gbps
- **Power Supply:** DC 5V 1A
- **Construction:** Aluminum alloy case
- **Indicators:** LED indications for operation/power modes

4. SETUP INSTRUCTIONS

Follow these steps to set up your UGREEN HDMI Splitter:

1. **Connect HDMI Source:** Connect an HDMI cable from your source device (e.g., DVD player, PC, game console) to the HDMI input port on the UGREEN splitter.
2. **Connect HDMI Displays:** Connect HDMI cables from the two HDMI output ports on the UGREEN splitter to your two display devices (e.g., TVs, monitors, projectors).
3. **Connect Power Adapter:** Plug the DC 5V 1A power adapter into the splitter's power input port, then plug the adapter into a standard electrical outlet. The power LED indicator on the splitter should illuminate.
4. **Power On Devices:** Power on your HDMI source device and both HDMI display devices.
5. **Select Input:** Ensure your display devices are set to the correct HDMI input channel.



Image: Example setup for a conference or presentation, where a laptop's HDMI output is split to two projectors, allowing for simultaneous display on large screens.



Image: Example home entertainment setup, illustrating how a single media source (e.g., a set-top box) can be connected to the splitter to display content on two separate televisions, such as in a living room and a bedroom.

5. OPERATING INSTRUCTIONS

The UGREEN 40201 HDMI Splitter operates automatically once all connections are made and power is supplied. It is a plug-and-play device that does not require additional software or drivers.

- Ensure all cables are securely connected.
- The splitter will automatically detect the input signal and distribute it to both connected displays.
- The LED indicators on the device will show the power status and active HDMI connections.

6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid or aerosol cleaners.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the device to strong impacts.
- **Ventilation:** Ensure the device has adequate ventilation and is not covered, to prevent overheating.

7. TROUBLESHOOTING

If you encounter issues with your HDMI splitter, refer to the following troubleshooting steps:

Problem	Possible Cause / Solution
---------	---------------------------

Problem	Possible Cause / Solution
No signal on display(s)	<ul style="list-style-type: none"> ◦ Ensure the power adapter is securely connected and the power LED on the splitter is on. ◦ Check all HDMI cables for secure connections. Try replacing cables if necessary. ◦ Verify that the display(s) are set to the correct HDMI input source. ◦ Try connecting the HDMI source directly to a display to confirm the source and display are working. ◦ Restart all connected devices (source, splitter, displays).
Flickering or unstable image	<ul style="list-style-type: none"> ◦ Check HDMI cable quality and length. Longer cables may require higher quality or active cables. ◦ Ensure the power adapter is providing stable power. ◦ Reduce the resolution of the source device to see if the issue persists.
Audio issues (no sound or distorted sound)	<ul style="list-style-type: none"> ◦ Verify audio settings on your source device and display(s). ◦ Ensure HDMI cables are fully inserted.

8. SPECIFICATIONS

Specification	Value
Brand	UGREEN
Model Number	ACBUGN40201 (40201)
Input Port	1 x HDMI
Output Ports	2 x HDMI
HDMI Version	HDMI 1.4V
Max Resolution	4K@30Hz
3D Support	Yes
HDCP Support	Yes
Max Operating Frequency	225MHz / 6.75Gbps
Input Video Signal	0.5 to 1.0Vp-p
Input DDC Signal	5Vp-p (TTL)
Power Supply	DC 5V 1A
Item Weight	90 g

Specification	Value
Product Dimensions (LxWxH)	15 x 20 x 5 cm
Housing Material	Aluminum Alloy

9. SAFETY INFORMATION

Please read and follow these safety precautions to prevent damage to the device or injury to yourself:

- Do not expose the device to water, moisture, or extreme humidity.
- Do not attempt to disassemble or modify the device. This will void the warranty and may cause damage.
- Use only the provided power adapter. Using an incorrect power adapter may damage the device.
- Keep the device away from heat sources, open flames, and direct sunlight.
- Ensure proper ventilation to prevent overheating.
- Keep out of reach of children.

10. WARRANTY AND SUPPORT

UGREEN products are designed to meet high quality standards. For warranty information or technical support, please refer to the warranty card included with your purchase or visit the official UGREEN website. You may also contact UGREEN customer service directly for assistance.

UGREEN Official Website: www.ugreen.com