

## QUICK SETUP GUIDE RF-G1603 / RF-G1603-C, 4K HDMI Splitter

### PACKAGE CONTENTS

- HDMI splitter
- AC power adapter
- Quick Setup Guide

### **YOU WILL NEED**

High-speed HDMI cables, such as Rocketfish, available in multiple lengths.

**Note**: Using this product with 4K @60Hz video will require the use of 18 Gbps bandwidth cables for best performance.

### **FEATURES**

Front

\_\_\_rocketfish...

Power LED

- · Supports 3D video
- 480i to 4K@60 Hz (4K UHD) from the source device
- Supports 18 Gbps bandwidth
- Compatible with most TVs, projectors, and video displays with HDMI inputs
- Gold-plated connectors for maximum signal transfer and corrosion resistance
- Supports HDMI CEC commands for remote control functionality
- Wall-mountable with integrated key-hole slots (hardware not included).

### **HDMI SPLITTER BASICS**

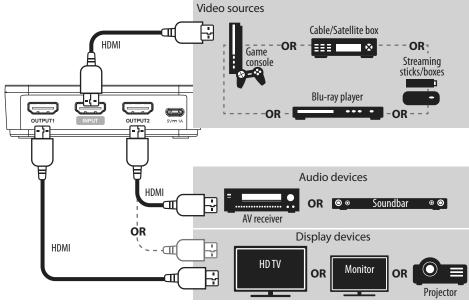
This Rocketfish two-way HDMI splitter will send HDMI audio and video signals from a single source, such as a Blu-ray/DVD player or cable/satellite box, to two destinations, such as a TV and an AV receiver. It is ideal for sending the audio signal from a 4K source to an AV receiver (one that does not support 4K video pass-through), and video signal to a 4K UHD TV.

# Back HDMI OUT 1 HDMI IN OUT 2 5V/1A OUTPUT1 INPUT OUTPUT2 SV/77 1A

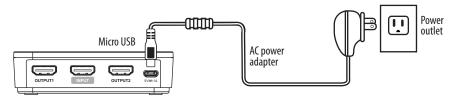
Before using your new product, please read these instructions to prevent any damage.

### **SETTING UP YOUR HDMI SPLITTER**

- 1 Connect a high-speed HDMI cable (not included) from your video source to the INPUT port on the HDMI splitter.
- **2** Connect another high-speed HDMI cable from your HDMI splitter's **OUTPUT1** or **OUTPUT2** port to the **IN** port of an audio or display device.



3 Connect the included AC power adapter from the micro USB port on the HDMI splitter to a standard 120V AC power outlet. The Power LED indicator on the front lights white.



**4** Turn on all connected devices and operate. When you are finished, you can leave your HDMI splitter plugged in.

### **SPECIFICATIONS**

HDMI version	2.0b
Video signal bandwidth	18 Gbps
Resolutions supported	480i to 4K@60 Hz (4K UHD) from the source device
HDMI HDCP	Compliant with HDCP 2.2
Power	5 VDC / 1,000 mA (5 W max) Micro USB
Dimensions	$3.9 \times 3.4 \times 1.1$ in. $(100 \times 87 \times 27 \text{ mm})$

### **TROUBLESHOOTING**

Problem	Possible solution
Power LED is not on	Make sure that the HDMI splitter's power adapter is plugged in.
Video has interference	<ul> <li>Make sure that you are using high-speed HDMI cables for all connections.</li> <li>Make sure that the TV's video resolution supports the video source's output resolution.</li> </ul>
No video and/or audio	<ul> <li>Make sure that the audio and video formats of the content being used (such as Blu-ray disc) are supported by all connected devices.</li> <li>Make sure that your destination components (such as TV and AV receiver) are set to the correct HDMI inputs.</li> <li>Make sure that you are using High-Speed HDMI cables for all connections. To fully support 4K resolution, you should use HDMI PREMIUM Certified Cable.</li> <li>Very long length of cables (over 20 ft./6.1 m) may cause a loss of video signal or downgrade to lower resolution. Use a shorter cable, if possible.</li> <li>Unplug the HDMI splitter's AC power adapter, then plug it back in again.</li> </ul>

### TROUBLESHOOTING

Problem	Possible solution
(continued) No video and/or audio	<ul> <li>If you still have issues, do the following:</li> <li>Make sure that cable connections are tight.</li> <li>Try turning on your components in a different order. When you find one that works, continue to use this sequence.</li> <li>Try a different input source, then switch back to HDMI.</li> <li>Make sure that the video resolution output of the source device is compatible with your TV or video projector.</li> <li>Bypass the home theater receiver by connecting the HDMI source directly to the TV.</li> <li>Make sure that your components' firmware is up to date.</li> </ul>
Device powers on/off or switches input unexpectedly	This device passes CEC* commands sent by your components. If you don't want it to do this, it can be disabled in the device's menu. See the user guide or contact the manufacturer for more information.
Problems connecting your PC/laptop to a TV	<ul> <li>Make sure that HDMI is the default output connection in your PC/laptop settings.</li> <li>Start your PC/laptop with the HDMI cable connected to a TV that is on.</li> <li>Start the PC/laptop while the TV is off, then turn on the TV.</li> <li>Try turning on both the PC/laptop and the TV, then connecting them with an HDMI cable.</li> </ul>

Problem	Possible solution
HDR issues (4K UHD TVs)	<ul> <li>Check for a confirmation indicator in the top left or right corner of the screen. If you do not see this, or if you see a message stating that either you need to connect the HDR source to an HDR-compatible TV or the incoming signal has been downgraded to 1080p due to the lack of proper HDR detection, check the following: <ul> <li>Use High-Speed HDMI cables (18 Gbps speed recommended).</li> <li>Make sure that all components involved are HDR compatible.</li> <li>Go into your source component's video resolution output settings and, if necessary, change the resolution output setting to 4K (sometimes labeled 4K/2K) and see if that corrects the problem.</li> <li>Make sure that your TV/video projector's firmware is up to date.</li> <li>If none of the above work, contact tech support for your TV/video projector.</li> </ul> </li> </ul>
Video resolution showing as 1080p, even when 4K signal selected	In some cases, HDCP 2.2 protection will have compatibility errors when using a splitter. The splitter will request a 1080p signal from the source component to allow a picture to be displayed.

# \*CEC (Consumer Electronics Control) is a feature of HDMI designed to allow users to command and control multiple devices connected via HDMI using a single remote control. CEC also lets individual CEC-enabled devices command and control each other without user input.

### **LEGAL NOTICES**

### **FCC Statement**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### FCC Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, maybe cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, 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 into an outlet on a circuit different form that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **ONE-YEAR LIMITED WARRANTY**

Visit www.rocketfishproducts.com for details.

### **CONTACT ROCKETFISH:**

For customer service call 1-800-620-2790 www.rocketfishproducts.com



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