IOGEAR®

Quick Start Guide
HD A / V Cat 5e/6 Extender

Package Contents

2 x HDMI Extender (1 Sender & 1 Receiver)
2 x Power Adapter
2 x Wall Mount Kit
1 x Quick Start Guide
1 x Warranty Card

Requirements

Media Source
• 1 HDMI output

Display
• 1 HDMI input

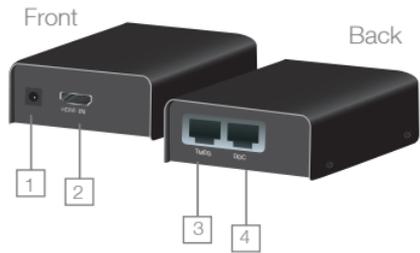Cables
• 2 Identical solid Cat 5e/6 cables
• 2 HDMI cables

Specifications

Function			Sender	Receiver
Device Connections			1	N/A
Connectors	Display	HDMI Out	N/A	1 x HDMI Type A 19-pin Female
	Device	HDMI In	1 x HDMI Type A 19-pin Female	N/A
	Unit to Unit		2 x RJ-45 Female	2 x RJ-45 Female
	Power Jack		1 x DC Jack	1 x DC Jack
Switches	EQ Adjustment		N/A	1 x 8-position switch
LEDs	Power		Orange	Orange
	On Line		N/A	Green
HDMI Resolution			HDTV resolutions: 480p, 720p, 1080i. 1080p (1920 x 1080); PC resolutions: VGA, SVGA, XGA, SXGA, UXGA, WUXGA (1920 x 1200) Up to 130ft. for 1080p; 200ft. for 1080i	
Power Consumption			DC5V,1.22W	DC5V,0.95W
Environment	Operation Temp.		32-122°F	
	Storage Temp.		-4°-140°F	
	Humidity		0-80% RH, Non-condensing	
Physical Properties	Housing		Metal	
	Weight		0.35 lb	
	Dimensions		3.54 x 2.17 x 0.94 in	

* The specifications and pictures are subject to change without notice.
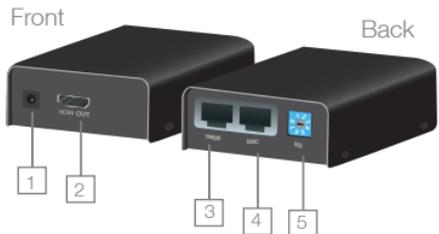
Sender unit

1. Power Jack
2. HDMI In
3. TMDS* Port
4. DDC** Port

Front

Back

Receiver unit

1. Power Jack
2. HDMI Out
3. TMDS* Port
4. DDC** Port
5. Equalization (EQ)
   Adjustment Switch

Front

Back

* Transition Minimized Differential Signaling (TMDS)
**Display Data Channel (DDC)

Installation

Preparation

Before you connect the extender kit, please connect your media source and display unit directly with a HDMI cable and adjust the proper resolution settings accordingly. Refer to your devices' user manuals for more details. Please power off both units before you start the extender installation.

STEP 1

Connect one end of the HDMI cable to your media source's output and connect the other end to the HDMI In port of the sender unit of the HDMI Extender.
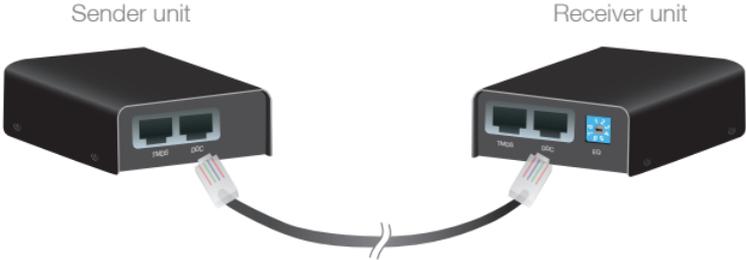
Media Source

Sender unit

STEP 2

Connect one end of the HDMI cable to your display unit's input and connect the other end to the HDMI Out port of the receiver unit of the HDMI Extender.
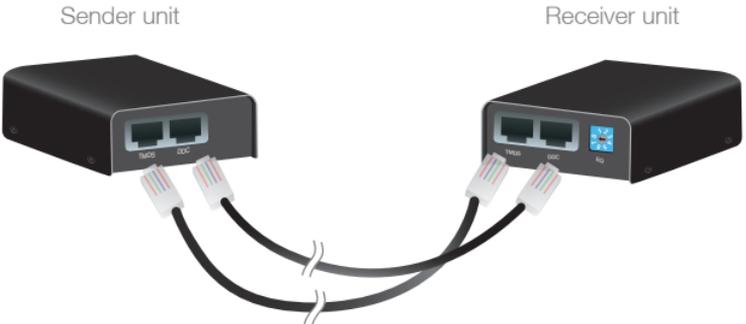
Display

Receiver unit

STEP 3

Plug in one of the Cat 5e/6 cables to DDC of both sender and receiver unit of the HDMI Extenders. Make sure the connection is not loose.
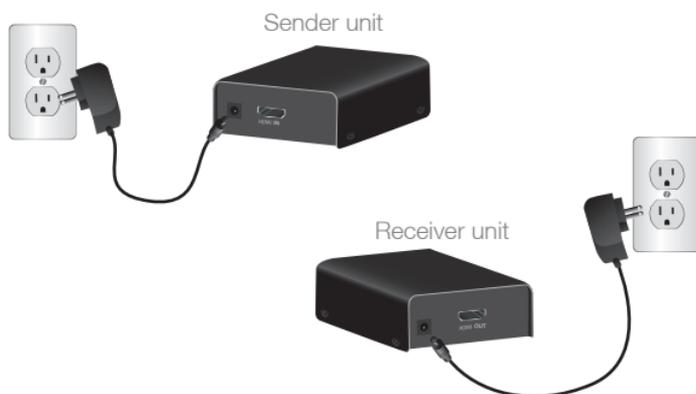
Sender unit

Receiver unit

STEP 4

Plug in the second Cat 5e/6 cable to TMDS of both sender and receiver unit of the HDMI Extenders. Make sure the connection is not loose.

Sender unit

Receiver unit

STEP 5
Plug the power adapter between the wall outlet and the sender unit. Then plug the other power between the wall outlet and the receiver unit.

Sender unit

Receiver unit

FINAL STEP
Turn on your media source and display. If you don't see any audio/video or the quality is not good, follow the steps below to adjust the EQ setting, or lower the resolution settings as indicated in the Preparation section.

*Note: Extension range may vary with different devices and Cat 5e/6 cables

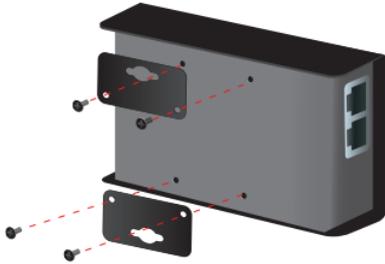## Equalization (EQ) Adjustment Switch

The EQ switch allows you to fine tune the video quality of your setup to avoid any video flickering or blinking. You may start with EQ level 0 and increase until you see the optimized video. Wait for couple seconds between each setting for proper adjustment.
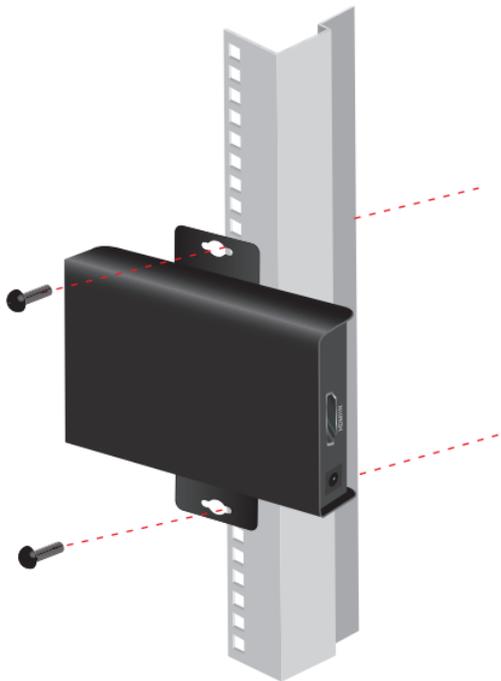
LED Indication

LED	Local Unit	Remote Unit	Description
Power	Orange	Orange	The unit is powered
Online	N/A	Green	The TMDS signal is sending from the sender unit and received by the receiver unit properly

Rack Mount (Optional)

1. Screw the rack mount ears onto the bottom of the unit with the provided screws.

2. Then screw the unit onto the rack by using M4 x 6 Philips head screws (not included).

FCC Statement

This product has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful radio frequency interference when operated in a commercial environment. See User Manual for additional information.

CE Compliance

This device has been tested and found to comply with the following European Union directives: Electromagnetic Capability (89/336/EMC), Low Voltage (73/23/EEC) and R&TTED (1999/5/EC).

Limited Warranty

WE'RE HERE TO HELP YOU!
NEED ASSISTANCE SETTING UP THIS PRODUCT?
Make sure you:
1. Use the live chat at www.iogear.com to try and solve any issues you may be having with the product
2. Visit the Tech Info Library/FAQ on www.iogear.com (under the Support tab)
3. Call the tech support line at 1-866-946-4327 (U.S. only) or 1-949-453-8782

Warranty Information
This product carries a 3 Year Limited Warranty. For the terms and conditions of this warranty, please go to http://www.iogear.com/support/warranty or call 1-866-946-4327

Register online at http://www.iogear.com/register

Important Product Information
Product Model _____
Serial Number _____

Contact

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About Us

● FUN
IOGEAR offers connectivity solutions that are innovative, fun, and stylish, helping people enjoy daily life using our high technology products.

● GREEN
IOGEAR is an environmentally conscious company that emphasizes the importance of conserving natural resources. The use of our technology solutions helps reduce electronic waste.