

# MURIDEO®

## THE 8K FOX & HOUND

An 8K Testing and Troubleshooting Generator and Analyzer Kit by Murideo

This 40Gbps Generator and Analyzer Testing Kit from Murideo was built as the ideal testing unit for all custom and commercial integrators. The Fox & Hound comes with a 40Gbps Generator and 40Gbps Analyzer. These tools allow you to confirm correct bandwidth, HDCP, resolution, timing, HDR metadata and many more options that could cause system hiccups if not treated correctly.

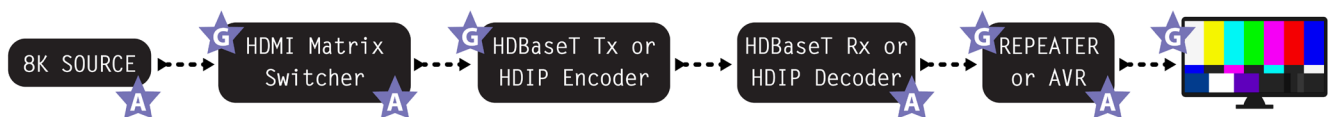
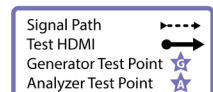
With devices like 8k displays and sources becoming normal for all video distribution systems, tons of new video formats are coming with it. How are you going to test those new signals? That is why we set out to develop a simple, affordable solution to troubleshoot system issues for today's integrator. The 8K Fox & Hound: A/V Testing and Troubleshooting Kit is a product that can produce and analyze the newest and highest resolutions – 8k resolutions and refresh rates up to 120hz at 40Gbps. It's also affordable enough for every integrator to have on any install/service call!

### HOW IT WORKS:

Place the generator in place of your source, and set the analyzer in place of your sink. These units will then read the data being sent throughout the system. The Fox & Hound can run any type of signal through the unit and confirm that same signal is being passed through the product with no changes. This will diminish calls to support and replacement of products! Troubleshooting is a breeze—never worry if a cable or extender is bad, again! Not to mention, it's fast—have your answer to a potential problem in less than a minute.



### Fox & Hound Connection Diagram System Testing



Input of Device Under Test



Output of Device Under Test



**Procedure:**  
Test each input and output connection to ensure it can display the 4K source. Use the Generator to test input(s) and the Hound to test output(s) from the sources, extenders, and repeaters.

1. Testing Sources: Using the Analyzer, verify that the desired signal is present (8K 60 4:2:0)
2. Testing Repeaters: Use the Generator to verify inputs can handle full signal
3. Testing Each Zone: Verify the outputs are sending the correct signal with the Analyzer
4. Testing Extenders: Verify the signal is passing from the Tx input to the Rx output with the Analyzer
5. Testing an AVR: Ensure HDR and HDCP are passing through the AVR with Generator on the input and Analyzer on the output

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### PRODUCT SPECIFICATIONS:

#### VIDEO:

HDMI VERSION	HDMI 2.1 (FRL5 40Gbps)
HDCP VERSION	UP TO HDCP 2.3
HDCP ON/OFF	YES
MAXIMUM CLOCK RATE	600 Mcsc (594 MHz)
MAXIMUM THROUGHPUT PER CHANNEL	10.0 Gbps (40 Gbps TOTAL)
RESOLUTION TIMINGS	8K: 24Hz, 25Hz, 30Hz, 50Hz, AND 60Hz 4K: 24Hz, 30Hz, AND 60Hz 1080 (HD): 24Hz, 30Hz, 50Hz AND 60Hz 720: 50Hz AND 60Hz VESA: 60Hz AUTO (AUTO READ/OUTPUT BASED ON EDID)
VIDEO ENCODING	RGB, YCbCr
VIDEO SAMPLING MODELS	RGB 4:4:4, YUV 4:4:4, YUV 4:2:2, YUV 4:2:0
COLOR BIT DEPTH	8, 10, 12, AND AUTO EDID READ

#### AUDIO:

AUDIO CHANNELS	UP TO 8 (7.1)
AUDIO OUTPUT	2 CH LPCM AND 8CH LPCM
VU METER CHANNELS	UP TO 8 (7.1)

#### PORTS:

HDMI	TYPE A
FIRMWARE	MICRO USB

#### ENVIRONMENTAL:

OPERATING TEMPERATURE	23 TO 125°F (-5 TO 51°C)
STORAGE TEMPERATURE	-4 TO 140°F (-20 TO 60°C)
HUMIDITY RANGE	5-90% RH (NO CONDENSATION)

#### POWER:

POWER (SINGLE UNIT)	7.4V 2600MAH INTERNAL BATTERY OR WALL ADAPTER
POWER CONSUMPTION (TOTAL FOR SINGLE UNIT)	7.5 WATTS MAX
POWER SUPPLY (x2)	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 12V 2A

#### DIMENSIONS:

DIMENSIONS (SINGLE UNIT ONLY - HEIGHT/DEPTH/WIDTH)	MM: 30.25 x 78.4 x 135 INCH: 1.19 x 3.09 x 1.19
DIMENSIONS (CASE - HEIGHT/DEPTH/WIDTH)	MM: 127 x 279.4 x 333.5 INCH: 5 x 11 x 13.13
WEIGHT (SINGLE UNIT)	0.58 LBS/0.26 KG
WEIGHT (CASE AND ACCESSORIES)	6 LBS/2.7 KG

\*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE

