

MURIDEO®

THE 8K FOX & HOUND

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

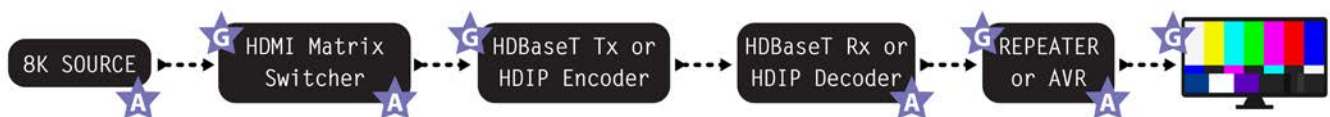
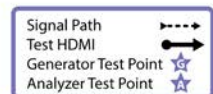
Murideo's 8K Fox & Hound was developed to be a definitive, all-inclusive, generator and analyzer kit for use by integrators worldwide to determine why audio-video signals fail to reach intended endpoints. NextGen-ready with 40Gbps bandwidth capabilities, each unit hosts a unique set of test tools for thorough system signal flow generation and analysis. It is not uncommon for technology categories to vary within an installation ecosystem, ranging from 1080p video walls, 4K projectors, up to 8K OLED displays where critical video evaluations are assessed. With performance that belies its compact size and look-twice affordability, the inimitable 8K Fox & Hound kit is an easy to use troubleshooting solution that will quickly offset its level of investment with labor hour savings. Never again experience a feeling of hopelessness on-site when a relentless regimen of trial and error fails to resolve an inconsequentially simple setback. The Murideo 8K Fox & Hound kit quickly tracks the origin of any conceivable in-field issue and short of device failure, leads you on the path to resolution. Simply put: If not in your tool kit, the 8K Fox & Hound should be on your wish list.

HOW IT WORKS:

Substitute the generator for a source device while also connecting the analyzer to the signal path leading into the display. The units will send and collect data that travels through system infrastructure. The Fox & Hound generator is capable of sending a pattern duplicating source resolution from 720p up to 8K. If the endpoint fails to display the sent signal, move the analyzer back through the device chain sequentially, until the chokepoint is discovered. With guesswork eliminated, time spent is specifically devoted to the solution, with verification in minutes.



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

