MU-SIX-Pair

4K UHD & HDR Generator and Analyzer
Part Number: MU-SIX-PAIR

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This 18Gbps Generator and Analyzer Testing Kit was built as the ideal testing unit for all custom and commercial integrators. The Murideo Pair comes with an 18Gbps Generator and 18Gbps 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. You are able to connect these devices directly to your computer to expanding your testing with a free software that comes with your Pair.

Sure, there are pricey test instruments available with a multitude of features. These devices together account for 99% of the testing those other products can do, and they do it in a point to point testing system allowing you to keep the SIX-G Generator in one room while you walk around the all the displays with the SIX-A Analyzer to find out what your system is doing.

The Murideo Pair is a must have for any HDMI Specialist, Calibrator, AV Product Manufacture, HDMI Cable Manufacture, Custom/Commercial Integrators, Content Masters and more. Pair the SIX-G Generator and SIX-A Analyzer for an unrivaled testing and troubleshooting suite. HDMI testing, troubleshooting and calibration all in one package, this is the ideal testing unit for all custom and commercial integrators.

HDR

HDMI®
HIGH DEFINITION MULTIMEDIA INTERFACE

HDCP™
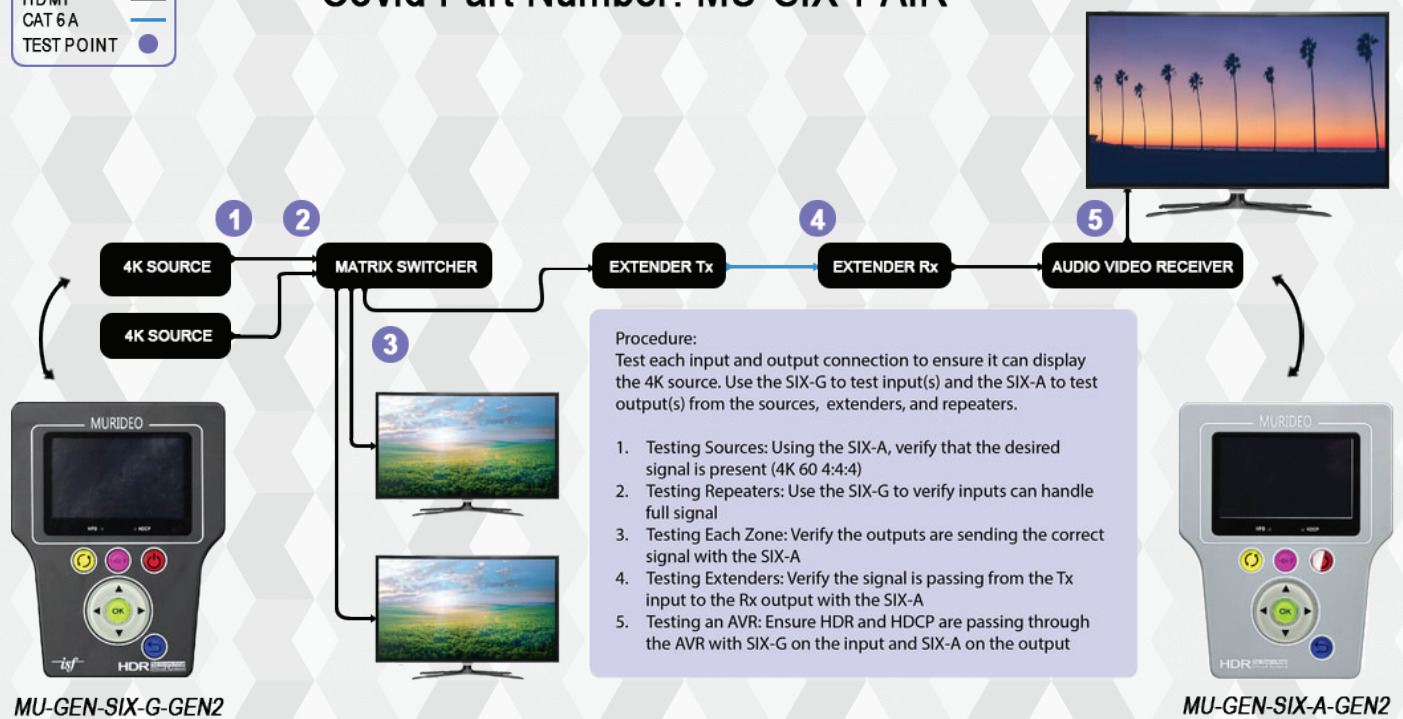HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

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SIX G AND SIX A TESTING DIAGRAM
Covid Part Number: MU-SIX-PAIR

HDMI	
CAT 6 A	
TEST POINT	●

1 **2** **4** **5**

4K SOURCE → MATRIX SWITCHER → EXTENDER Tx → EXTENDER Rx → AUDIO VIDEO RECEIVER

4K SOURCE

3

MU-GEN-SIX-G-GEN2

MU-GEN-SIX-A-GEN2

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

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

MU-GEN-SIX-G-GEN2:

• HDCP Select-able - 2.2, 1.4, None (confirms if the system will work or not)
• Hot Plug Detect & HDCP lights
• Portable/Battery Operated
• EDID Read Functionality
• Create Custom Resolutions
• Audio Confidence Tests
• L/R Audio In
• Optimized Ergonomics – 3" Color Display, Simplified Menus
• Includes Free PC Control Software
• RS232 or USB Controllable
• ISF Certified – includes ISF Test Patterns like PLUGE, Chroma Multiburst, Color Girls & more
• RGB Triplet Support VIA software or direct dial on device APL (Average Picture Level) Support
• CalMan Supported
• ANSI Contrast Test Pattern
• Reference Level Output

MU-GEN-SIX-A-GEN2:

• HDMI 2.0 (600Mcsc, 2160P60 4:4:4 maximum resolution Analysis)
• HDR (High Dynamic Range) Metadata infoframe reading, and management
• Video Bandwidth - 18 GBP/sec.
• Supports BT.2020
• Dolby Vision Support
• 4K 10, 12, 16 Bit Support
• HDCP 2.2 Compatible
• 16 Bit Per Pixel Deep Color Depth Available (48 Bit)
• Battery: 7.4v Li-ion 2600mAh Internal Rechargeable Battery
• DC 5V Power
• Systematic Cable Test (Automated with SIX-G)
      - 5V Detect
      - 2160P60 (18G)
      - 2160P20 (9G)
      - 1080P60 (4.5G)
      - 720P60 (2.2G)
      - 480P60 (1G)
      - DDC
      - HPD