4K

Matrices

Audio

Extenders

Switchers & Splitters

Scalers & Converters

Other AV

Advanced HDMI Pattern Generator & Analyser (4K, HDCP2.2, HDMI2.0)

XA-4

4K **3D** **HDMI2.0** **HDCP2.2**

The XA-4 Advanced HDMI Pattern Generator and Analyser is an integrators tool for producing 4K HDMI signals for verifying and testing wider AV installations. This device has 54 resolutions settings, 47 test patterns, and 6 analysis tests which provide over a thousand different combinations of test scenarios. It supports HDMI data packets, EDID & HDCP analysis, EDID emulation, and allows the user to save 2 custom patterns, along with the ability to generate audio up to 8 channels.

Front panel keys allow fast switching between the various functions and an OLED screen allows for quick viewing of current status information. Control is via front-panel buttons, IR, RS-232, and Telnet allowing users full flexibility in controlling the device.

SPECIFICATIONS

Input:
1x HDMI (1x HDMI Uncompressed AV and Data)
1x 3.5mm Stereo mini-jack (1x Analogue Stereo(L/R))
1x RJ45 (1x IP Control)
1x 9pin Dsub (1x RS-232 Data)
1x USB Type A (1x Service Port Propriety Data)

Output:
1x HDMI (1x HDMI Uncompressed AV and Data)
1x 3.5mm Stereo mini-jack (1x Analogue Stereo(L/R))

Power: 5V/2.6A DC (US/EU standards, CE/FCC/UL certified)

Dimensions: 120mm (W) x 166mm (D) x 30mm (H)

Gross Weight: 1300g

Net. Weight: 790g

FEATURES

- HDMI (with 6G audio/video support), HDCP 2.2 and DVI compliant
- Supports analysis of the source and the display up to HDMI 6G signals
- Supports analysis of HDMI data packets
- Supports analysis and control of HDCP v1.4 and v2.2
- Supports analysis and emulation of EDID data, including SCDC (Status and Control Data Channel)
- VGA output resolutions: 480p, 576p, 720p, 1080i, 1080p, 640x480, 800x600, 1024x768, 1280x1024, 1366x768, 1400x1050,1440x900, 1600x900 (RB), 1600x1200, 1680x1050, 1920x1200 (RB)
- HDMI output resolutions: 480p, 576p, 720p, 1080i, 1080p, 640x480, 800x600, 1024x768, 1280x1024, 1366x768, 1400x1050,1440x900, 1600x900 (RB), 1600x1200, 1680x1050, 1920x1200 (RB), 3G 4K2K, 6G 4K2K
- Supports extra 2 Custom Pattern sizes - 640x480, 1920x1080 with RGB 24 bits to be inserted
- Supports external stereo audio input & output
- Supports Generation of sinewave audio up to LPCM 8CH and analysis of the source audio signal
- Supports front panel, IR Remote, RS-232, and Telnet controls
- Supports OLED display with quick viewing of the current selection status