



XA-8P

Battery Powered 8K HDMI Pattern Generator & Analyser



Testing the integrity of an HDMI systems is essential for any professional AV Installer. As commercial and residential systems are upgraded the demands on HDMI cables to deliver the best possible image are becoming greater and can often be overlooked, particularly when delivering HDR content.

The XA-8P is the most advanced battery powered partner for an AV installer, providing a convenient way to test and verify all aspects of an HDMI Signal Path, including the source and the sink. As well as being HDMI 2.1 and HDCP 1.4 / 2.2 / 2.3 compliant, the unit has a number of testing features including System Analysis, Pattern Generator & EDID Management.

The front panel controls are very simple to navigate and the HDMI I/O is easily accessed on the top of the device. The XA-8P is battery operated giving the AV Installer ultimate flexibility in challenging installation scenarios. The battery can be recharged via its USB connector or mains powered through the same port.

PANELS

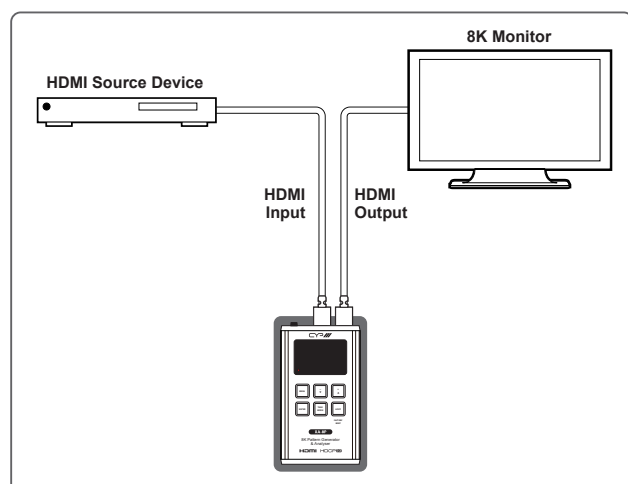


Front View



Rear View

DIAGRAM



FEATURES

- Generator (Test Pattern Mode) supports 40 selectable output resolutions up to 8K and 20 selectable test patterns
- Supports 40Gbps 8K UHD+ HDMI input and output
- Supports resolutions up to 7680×4320@60Hz (4:2:0, 8-bit)
- Analyser mode supports 8K source video, audio, timing and packet analysis
- Comprehensive EDID management, analysis and emulation support with 12 built-in default EDIDs and 10 user-definable EDIDs
- Portable palm-sized design with easy to use front-panel controls
- OLED display with rapid updates of current status information
- HDCP and SCDC monitoring functions
- HDR bypass, analysis and generation function complies with the CEA standard HDR static metadata extensions CEA-861-G and CEA-861.3
- Supports generation of up to 8 channels of LPCM audio with adjustable sinewave frequencies for each channel
- Powered by a single Lithium-ion battery (not included) or an external USB-C power supply/power bank
- DVI 1.0 compliant with the use of an HDMI-DVI adaptor
- HDCP 1.4 and 2.3 compliant

SPECIFICATIONS

Interfaces

Input Port 1 × HDMI (Type-A)

Output Port 1 × HDMI (Type-A)

Control I/O 1 x USB (Type-C)

Video

HDMI Compliance 2.1 (DVI 1.0)

HDCP Compliance 2.3

Input Signal Type 8K@60Hz YUV 4:2:0

Output Signal Type 8K@60Hz YUV 4:2:0

Input Color Depth 8-12bit

Output Color Depth 8-12bit(Pattern mode 8 bit maximum)

Resolutions

Maximum Input HDMI 7680x4320p@60

Maximum Output HDMI 7680x4320p@60

Audio

HDMI LPCM 8 channel Bitstream
High-Definition Bitstream

Power

Power Supply 5V/2.1A USB power or Lithium-ion battery (not included)

Power Consumption 4.7W

Enclosure

Chassis Material Metal (Aluminum)

Chassis Colour Dark Grey

Dimensions (W×H×D) 80mm×124mm×26.5mm [Case Only]
80mm×126mm×26.5mm [All Inclusive]

Weight 260g

Field Firmware Update

PC Update

ORDERING INFORMATION

Model No. Product Description

XA-8P 8K HDMI Signal Generator & Analyzer (Portable Version)