



# Product Solutions Guide



# First Aid Kit

Suitable for Commercial, Education, Hospitality,  
Residential, Medical, Government.



# THE CONCEPT

Think of it as a **survival kit for AV integrators**. A go-to bag packed with essential CYP Europe products that help tackle common installation problems quickly and efficiently.

Every installer, at some point, hits a snag: a cable doesn't reach, the signal won't connect, audio won't pass through, or something just isn't behaving the way it should. That's where this kit comes in.

The First Aid Kit is not a full toolbox, but rather a highly curated set of backup products, the kind of gear that solves real-world issues on site, without delay. It's for those *"just in case"* or *"thank goodness I had that with me"* moments.



# WHAT'S INCLUDED

Handpicked by professionals for professionals



**XA-3P**



**RE-101-4K22**



**RE-EDID-4K22**



**HDMU-100M**  
**HDMU-200M**

\* All products are available individually as well as part of the First Aid Kit.



# CYP XA-3P

## Pattern Generator, Signal Analyser & HDMI Cable Tester

Suitable for Commercial, Education, Hospitality, Residential, Medical, Government.



# INTRODUCTION

*Your essential toolkit in a single handheld device.*

The XA-3P is a professional-grade HDMI Signal Analyser and Pattern Generator, designed to help installers and integrators test, verify, and troubleshoot HDMI systems quickly and effectively.

With support for 4K@60Hz (4:4:4) signals, HDCP 2.2, and a variety of built-in test patterns, the XA-3P allows you to analyse signal paths, verify HDMI cable quality, manage EDID settings, and more. All with speed and confidence.

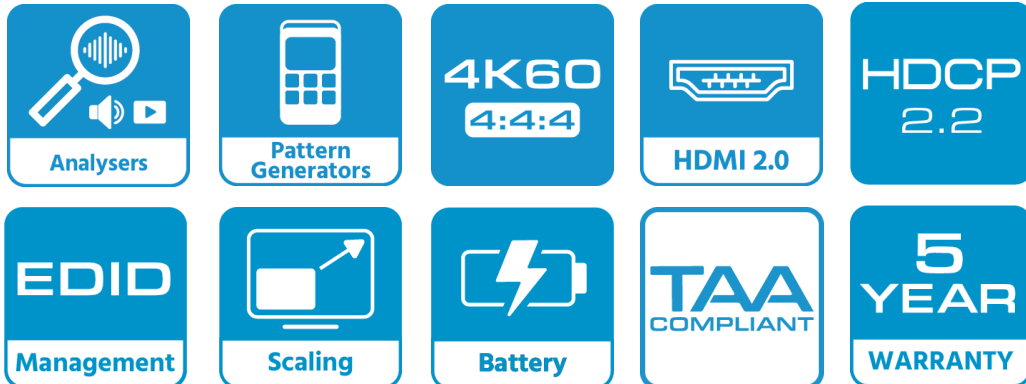
Whether you're on-site or in the workshop, the XA-3P gives you the insight and flexibility to deliver flawless installations.





# SOLUTIONS

AV installations don't always go to plan — especially when signal issues arise mid-setup. Every professional installer should be equipped with both an HDMI analyser and a pattern generator to accurately test, fault-find, and verify system performance. The XA-3P combines both tools in one compact, battery or USB-powered device, giving you total visibility over the HDMI signal path — without needing a display or source device. It's the ultimate problem-solver for modern AV systems, helping you deliver flawless 4K results every time.



## PROBLEM 1

*"I'm not getting a signal on the display."*

Use the Pattern Generator to isolate whether the issue lies with the source, the cable, or the display.

## PROBLEM 2

*"The video plays, but it's not in the right resolution or format."*

Use the Analyser to inspect HDMI timing, bandwidth, and EDID communication to ensure compatibility.

## PROBLEM 3

*"I'm not sure this cable supports full 4K HDR."*

Run an 18Gbps cable test with the XA-3P to confirm the cable's performance rating instantly.

# XA-3P Deep Dive

## Key Features:

- 11 Different output patterns
- 23 Resolutions to choose from ranging from 480p to 4K
- Colour space alteration (4:2:0, 4:4:4 etc.)
- Changeable audio format (2 channel, 5.1 and 7.1)
- Different HDCP modes – HDCP 1.4, 2.2 and off
- Analyse signal dropout
- Downscale 4K to 1080p
- EDID Management support with 10 pre-set default EDID's and 10 user EDID slots from connected sinks
- HDMI cable tester – Tests 5-Volt signal, hotplug, CEC, ARC, DDC (Display Data Channel which carries HDCP and EDID data) and if its capable of passing 18gbps (4K 60Hz)
- Powered via battery or USB cable
- Supports USB firmware updates



# Deep Dive

**Handpicked by professionals for professionals**



**RE-101-4K22**

- Full 4K HDMI to HDMI Repeater with EDID Management
- Made to enhance and stabilize high-bandwidth HDMI signals
- Allows users to extend a 4K signal an extra 5m
- 3 different EDID's to select from (User, Internal & External)
- With CYP's EDID software tool, users can create, edit, upload or download the custom EDID's
- Button to toggle between EDID's



**RE-EDID-4K22**

- Full 4K HDMI EDID manager with HDCP modes and downscaler
- Supports four different EDID modes : Read, Write, Emulate and Bypass mode
- Read Mode - Reads the TV/display's EDID information
- Write Mode - Overwrites the TV/display's EDID information
- Emulator Mode - Allows the source device to read the selected EDID information from the unit's default or learnt EDID memory
- Bypass Mode - Allows the source device to read the EDID information from the TV/display directly
- Can store up to 16 different EDID's, (8 built-in standard EDID's and 8 slots for user-created or learnt EDID's) as well as EDID bypass
- Controlled via OSD and EDID software tool

# WHY IT IS INDISPENSABLE

The difference between delays and delivering.

**Solves common AV headaches in seconds**

**Fits in a van, sits in a rack room, travels on-site**

**Prevents project hold-ups**

**Maintains professional momentum on the job**

CYP ///

# XA-8P

## Pattern Generator & Analyser

Suitable for Commercial, Education, Hospitality,  
Residential, Medical, Government.



# SOLUTIONS FOR YOU



**XA-8P**

CLICK ME

- Test, verify & troubleshoot 8K HDMI systems — no display required
- Combines pattern generator, analyser & EDID manager in one tool
- Supports full HDMI 2.1 and HDCP 1.4 / 2.2 / 2.3 compliance
- Battery-powered & portable — perfect for on-site AV installs
- Analyse video, audio, timing & packet data up to 7680×4320@60Hz
- 40 resolutions, 20 test patterns & customisable EDID slots

# XA-8P Deep Dive

You're on-site installing a high-end AV system with 8K capabilities. The signal isn't coming through, and you need to identify the issue quickly — without a display connected. The XA-8P is your all-in-one, battery-powered tool for testing and verifying the full HDMI signal path, including source, cable, and display compatibility.

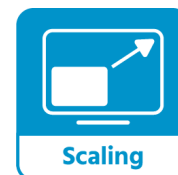
Designed for professional AV installers, the XA-8P combines an HDMI pattern generator, signal analyser, and EDID manager in a compact, portable unit that supports HDMI 2.1 and HDCP 1.4 / 2.2 / 2.3 — making it ideal for fault-finding and system setup in both residential and commercial installations.

## How it makes life easier:

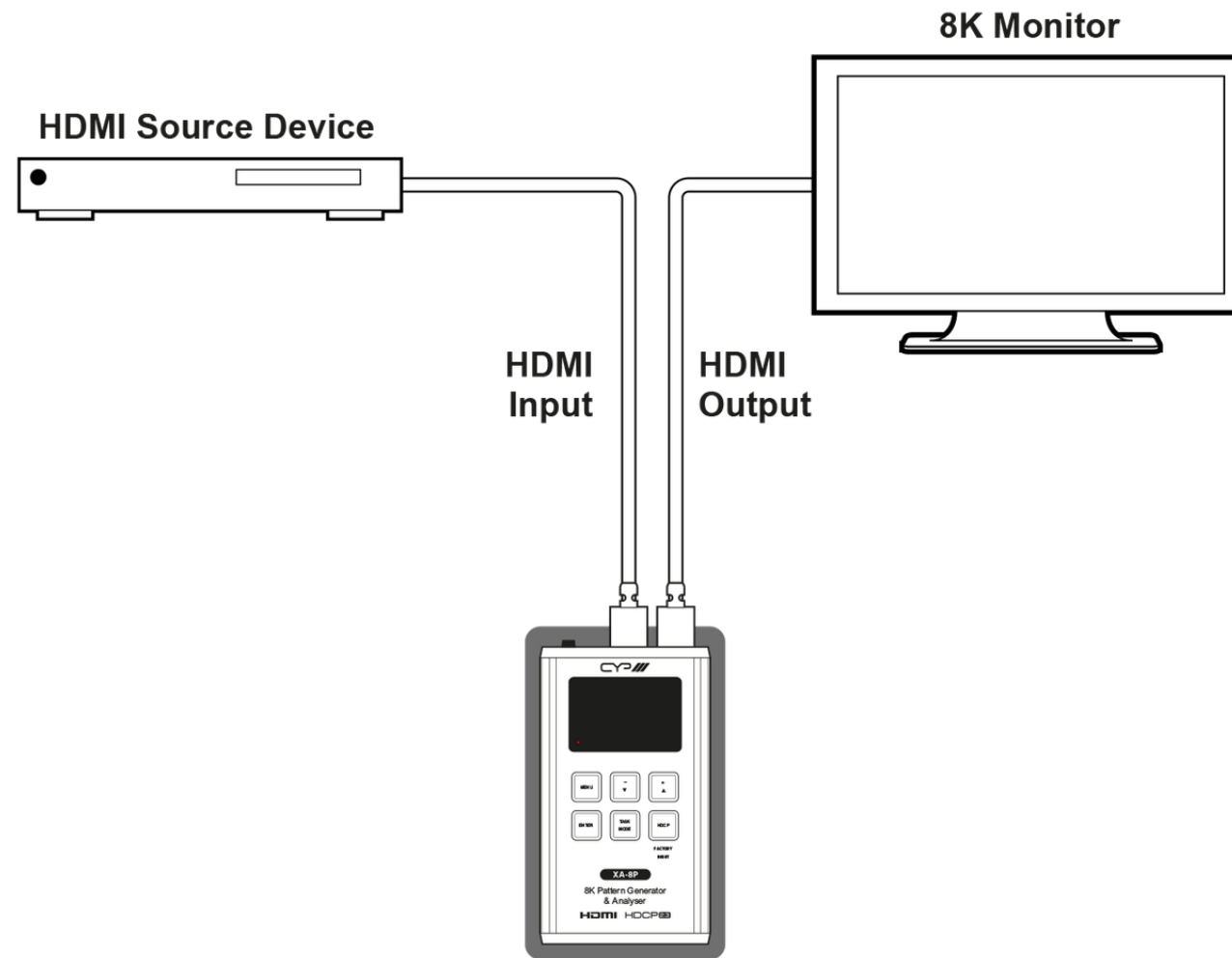
- Verifies HDMI signal path without a connected display
- Identifies faults and confirms HDCP & HDR compatibility
- Adjusts source timing to reveal system limitations
- Generates test audio (up to 8-channel LPCM with adjustable sinewaves)
- Compact, rechargeable and essential for every AV toolkit

## Key Highlights:

- Supports 40Gbps 8K HDMI input/output (up to 7680×4320@60Hz)
- Pattern Generator Mode: 40 output resolutions & 20 test patterns
- Analyzer Mode: 8K video, audio, timing & packet analysis
- EDID management: 12 presets + 10 user slots
- Battery powered, portable design with OLED display



Let's  
make  
your  
life  
easier.



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.



# XA-4

## Advanced 4K HDMI Pattern Generator & Analyser

Suitable for Commercial, Education, Hospitality, Broadcast, Medical, Government.



# XA-4 Deep Dive

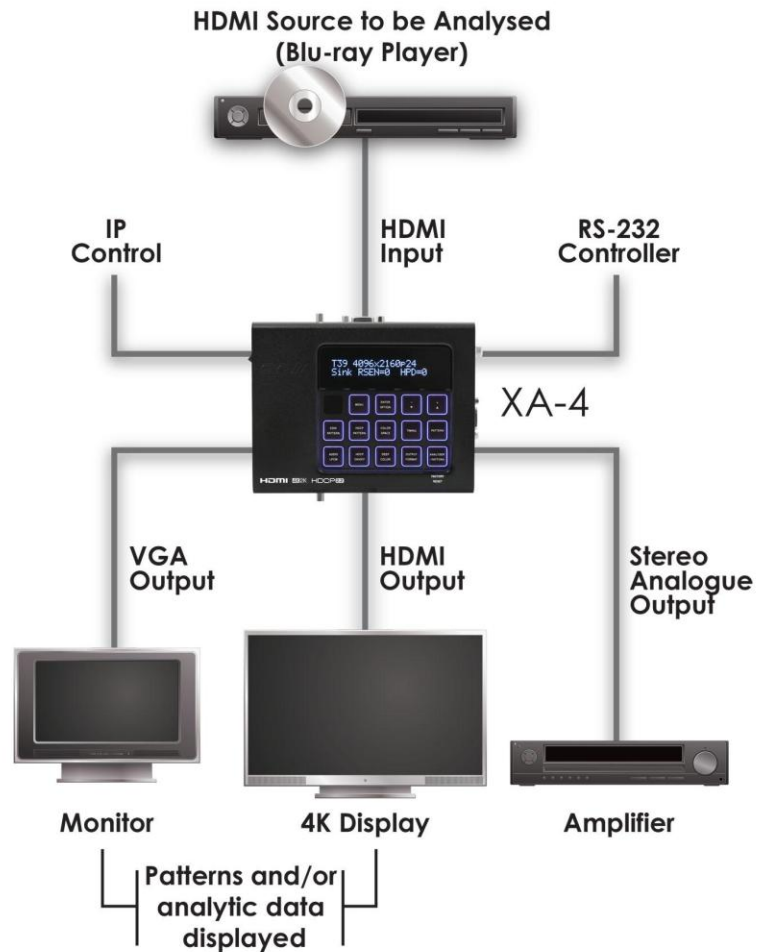
The XA-4 Advanced HDMI Pattern Generator and Analyser is an integrators tool for producing 4K HDMI signals for verifying and testing wider AV installations. This device has 54 resolutions settings, 47 test patterns, and 6 analysis tests which provide over a thousand different combinations of test scenarios. 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. It has both HDMI and VGA outputs and line audio input and output. A more advanced signal analyser with the ability to measure real time signal dropouts with data displayed on connected screen.

## Key Highlights:

- Supports full 4K 60Hz 4:4:4 at both HDMI input and output level
- 54 different resolutions
- 47 test patterns (including a custom picture upload)
- 6 different analysis tests
- 8 audio channels
- Supports front panel, IR Remote, RS-232, and Telnet controls
- Supports OLED display with quick viewing of the current selection status



# XA-4 Deep Dive



The XA-4 is a next-generation CYP product designed to deliver exceptional performance, reliability, and efficiency in demanding environments. Engineered with advanced technology and precision manufacturing, it offers seamless integration, enhanced durability, and optimized output for consistent results. The XA-4 stands out for its user-friendly design, low maintenance requirements, and scalable capabilities, making it an ideal solution for installers seeking to improve productivity while reducing operational costs.



# Conclusion & Next Steps

- ✓ Need something specific? Request a bespoke quote for your project.
- ✓ Not sure what you need? Our team will help you find the right solution.
- ✓ Stuck on a setup? Get support from our technical experts.
- ✓ Looking for something beyond this guide? Speak to our sales team to explore the full range.

# Get in Touch

WEB: [www.cypeurope.com](http://www.cypeurope.com)

TEL: +44 (0) 20 3137

EMAIL: [sales@cypeurope.com](mailto:sales@cypeurope.com) &

[support@cypeurope.com](mailto:support@cypeurope.com)

LinkedIn: [@cypeurope](https://www.linkedin.com/company/cypeurope)