

# MX-42T

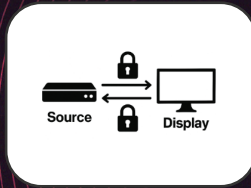
**4K@60Hz HDMI MATRIX**



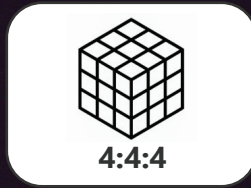
Lightning Protection  
Surge Protection  
ESD Protection



**Supports Full Version of 4K**



**HDCP 2.2 Secure Link**



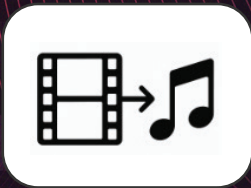
**Lossless | Accurate Crystal Clear | Vibrant**



**Power Off Memory**



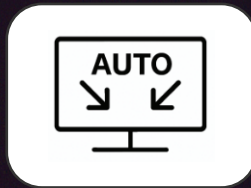
**HDR 10**



**Audio Extraction**



**Multiple Control Methods**



**Auto Down Scaling**

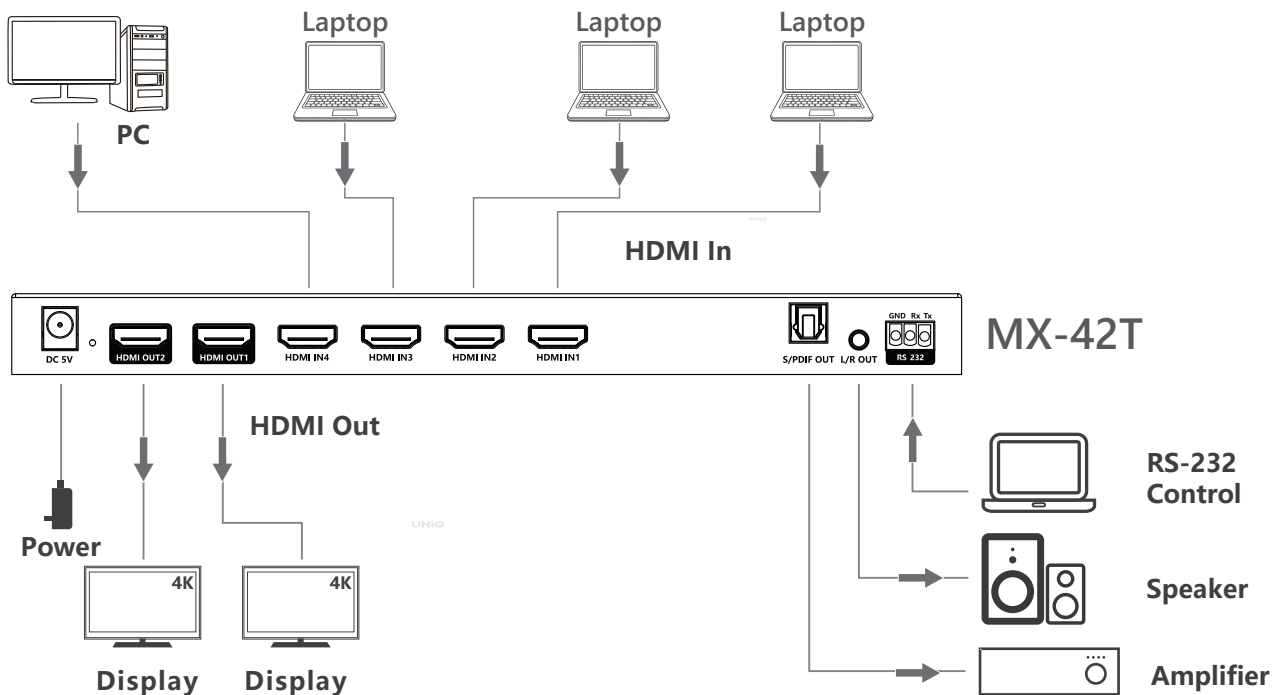


**7x24 Hours**



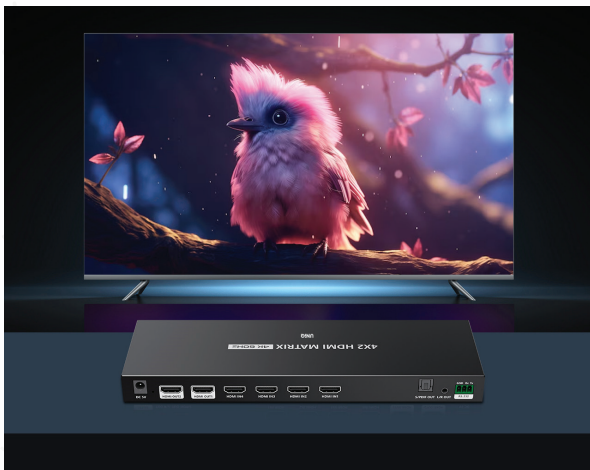
**Supports Latest Audio Formats**

## Connection Diagram



## Built-In Audio Extraction for External Sound Systems

- ▶ Separates audio from any HDMI stream and outputs it via optical (S/PDIF) or 3.5mm stereo jack
- ▶ Enables connection to external sound systems like amplifiers, home theaters, or speakers
- ▶ Ensures audio-video integration for immersive experiences in media rooms or studio setups



## Crisp 4K@60Hz Output with HDR Support

- ▶ Supports 4K Ultra HD video at 60Hz with HDR for enhanced color and contrast
- ▶ Produces sharp visuals, deep blacks, and vivid detail across all screens
- ▶ Suitable for professional displays, home entertainment systems, and control centers

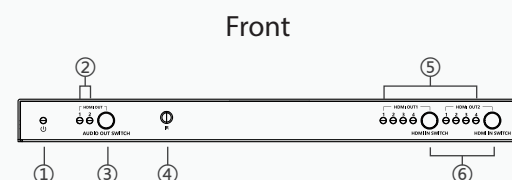
## Experience exceptional clarity & detail with support for ultra-widescreen resolutions

- ▶ Delivers immersive visuals perfect for cinematic home entertainment
- ▶ Ensures compatibility with a wide range of modern displays
- ▶ Maintains sharpness and aspect ratio across all supported formats

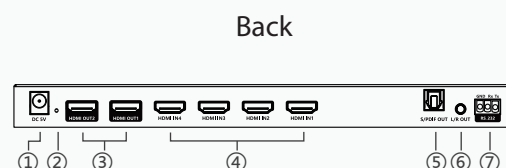


# Product Specifications MX-42T

Item	Specification
HDMI version	HDMI 2.0(HDR, YUV444)
	Compatible with HDCP 2.2, HDCP 1.4
HDMI interface	4 HDMI input, 2 HDMI output
Transmission rate	18Gbps
Resolutions	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840×2160@24/25/30/50/60Hz, 4096×2160@24/25/30/50/60Hz
Audio format	LPCM7.1/DTS-HD/DTS-Audio/Dolby Digital plus/Dolby TrueHD 7.1/Dolby Digital 7.1CH/Dolby Atmos
RS-232	3 Pin (GND/Rx/Tx), Baud rate 9600
Voltage	DC 5V/1A
Power consumption	< 4W
Working temperature	-20°C~60°C
Storage temperature	-30°C~70°C
Humidity	0~90%RH (No Condensation)
Housing	Iron
Color	Black
Weight	375g
Dimensions	250.0(L) × 80.0(W) × 21.0(H)mm
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2
	Lightning protection, Surge protection
Package Contents	1) Matrix Switch × 1 2) Power Adaptor DC5V/1A x1 3) Remote Control × 1 4) Mounting Ears x2 5) Screw x6 6) Grounding Screw x2 7) RS-232 Terminal Block x1 8) User Manual x1



- 01 Power indicator
- 02 Audio output indicator 1,2
- 03 Audio switch
- 04 IR window
- 05 HDMI input indicator 1,2,3,4
- 06 HDMI output switch 1,2



- 01 Power input
- 02 Reset pinhole
- 03 HDMI output 1,2
- 04 HDMI input 1,2,3,4
- 05 S/PDIF out
- 06 3.5mm L/R out
- 07 RS-232

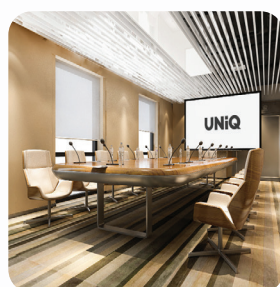
## Applications



Auditorium



NOC / SOC / CCC



Conference-Room



Town Hall



Training Hall

# Prestigious Lineup of Cutting-Edge Professional AV Products

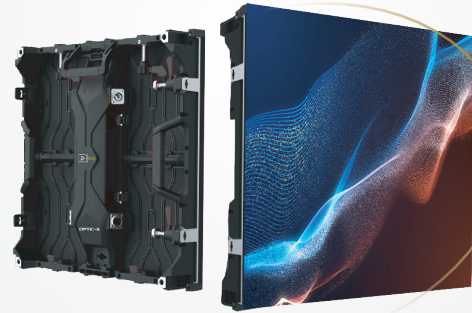
## Ai Interactive Displays

**AiO | Pro | Education Series**  
**65" | 75" | 86" | 98" | 100"**



## Active LED Video Wall

**Indoor & Outdoor LED Walls**  
CoB, GOB, and  
Custom Pixel Pitch Options



## Video Conferencing Products & Professional Cameras

From AI Video Bars to PTZ Cameras  
**AiO Video Bars | AiO PTZ Video Bars**  
**PTZ Cameras | Speakers Phone**  
**Conferencing | Microphones | DSP**



## AV Interface Products

**Extenders – CAT6 Wireless | Point-Point**  
**KVM Extenders | Over-IP**  
**Matrix & Splitter Cum Extenders**  
**Splitters Switchers | Matrix**



### Disclaimer

- Specifications, features, visuals, and models are subject to change without notice.
- Product availability and features may vary by region.
- Colours/images shown are for reference only; actual product may differ.
- Warranty terms vary by model and region—refer to official documentation.
- We recommend staying updated via our official channels for the latest info.
- Performance may improve with software/firmware updates.
- All trademarks belong to their respective owners.
- We are not liable for typographical or illustrative errors.
- Please dispose of products responsibly as per local e-waste norms.
- Data (if applicable) is handled per our privacy and regulatory compliance.
- No liability is assumed for indirect or consequential damages