

UHD-404VW

4K@60hz 4x4 HDMI™ Matrix w/ Video Wall
(Seamless, Audio Extract)



The 18Gbps **4x4 Seamless UHD Matrix Switcher** enables routing of four HDMI sources to four HDMI displays with uncompressed 4K@60Hz 4:4:4 quality. Engineered for performance, it offers seamless switching with zero latency, video wall capability, and IR plus audio matrix routing. CEC pass-through ensures centralized device control, while L/R audio insertion and EDID customization enhance flexibility. With multiple control options—RS-232, LAN, or front panel—this unit is ideal for command centers, conference rooms, signage, and AV projects, delivering robust, reliable video and audio distribution.

DIMENSIONS & WEIGHT:

Length: 430mm/16.93in **Width:** 220mm/8.66in
Height: 44mm/1.73in **Weight:** 5kg/11.02lbs

PACKAGE CONTENTS: 1x UHD-404VW, 1x Power Adapter, 1x IR Remote, 4x IR Receiver Cable, 4x IR Blaster Cable, 1x Phoenix Connector, 1x CAT6 Cable, 1x USB to RS232 Cable, User Manual

KEY FEATURES:

HDMI 2.0 & HDCP 2.2 Compliant – Ensures broad compatibility with modern UHD devices.

18Gbps Video Bandwidth – Supports full 4K60Hz 4:4:4 signal for pristine video quality.

Rich Color Space Support – Handles RGB, YCbCr 4:4:4, and 4:2:2 formats with high fidelity.

Seamless Switching & Video Wall Support – Instant input switching and multi-display tiling for professional applications.

CEC Management Enabled – Control connected devices with a single remote or central command.

Integrated Audio Matrix & IR Matrix – Independently route audio and IR signals across the matrix.

External L/R Audio Insertion – Mix external analog audio into HDMI output streams.

Advanced EDID Management – Customize and stabilize device communication.

Versatile Control Options – Operate via front panel, RS-232, or TCP/IP (LAN 10/100M) interface.

SUPPORTED HDMI CABLES:

HDMI 2.0 : We recommend using high quality HDMI 2.0 cables under 30 feet for optimum performance

EXTENDING DISTANCE:

4K@60Hz : 25 Feet

VIDEO OUTPUT:

Video Bandwidth : 18Gbps
Video Resolutions : 4K@60Hz, 1080p@60Hz

ADDITIONAL FEATURES

CEC Function	: Yes
ARC Function	: No
USB KVM Function	: No
PoC/PoE Function	: No
IR Control	: Yes
Downmix Function	: No
Downscale Function	: No
Over IP Function	: No
HDBaseT Function	: No
RS-232 Function	: Yes

AUDIO SUPPORT:

HDMI Audio Formats	: LPCM 2.0
Coaxial Audio Formats	: LPCM 2.0
Analog Audio Formats	: LPCM 2.0

POWER:

Power Consumption	: 60W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz

SPECIFICATIONS

CONNECTIVITY:

INPUT:	4 × HDMI [Type A, 19-pin female]
	4 × L/R [3-pin phoenix]
OUTPUT:	4 × HDMI [Type A, 19-pin female]
	4 × L/R [5-pin phoenix]
	4 × L/R+Toslink [mini Toslink]
CONTROL:	1 × RS-232 [3pin-3.81mm Phoenix Connector]
	4 × IR IN [3.5mm Stereo Mini-jack]
	4 × IR OUT [3.5mm Stereo Mini-jack]
	1 × LAN [RJ45, 8-pin, female]

COMPLIANCES:

HDMI Compliance	: HDMI 2.0
HDCP Compliance	: HDCP 2.2



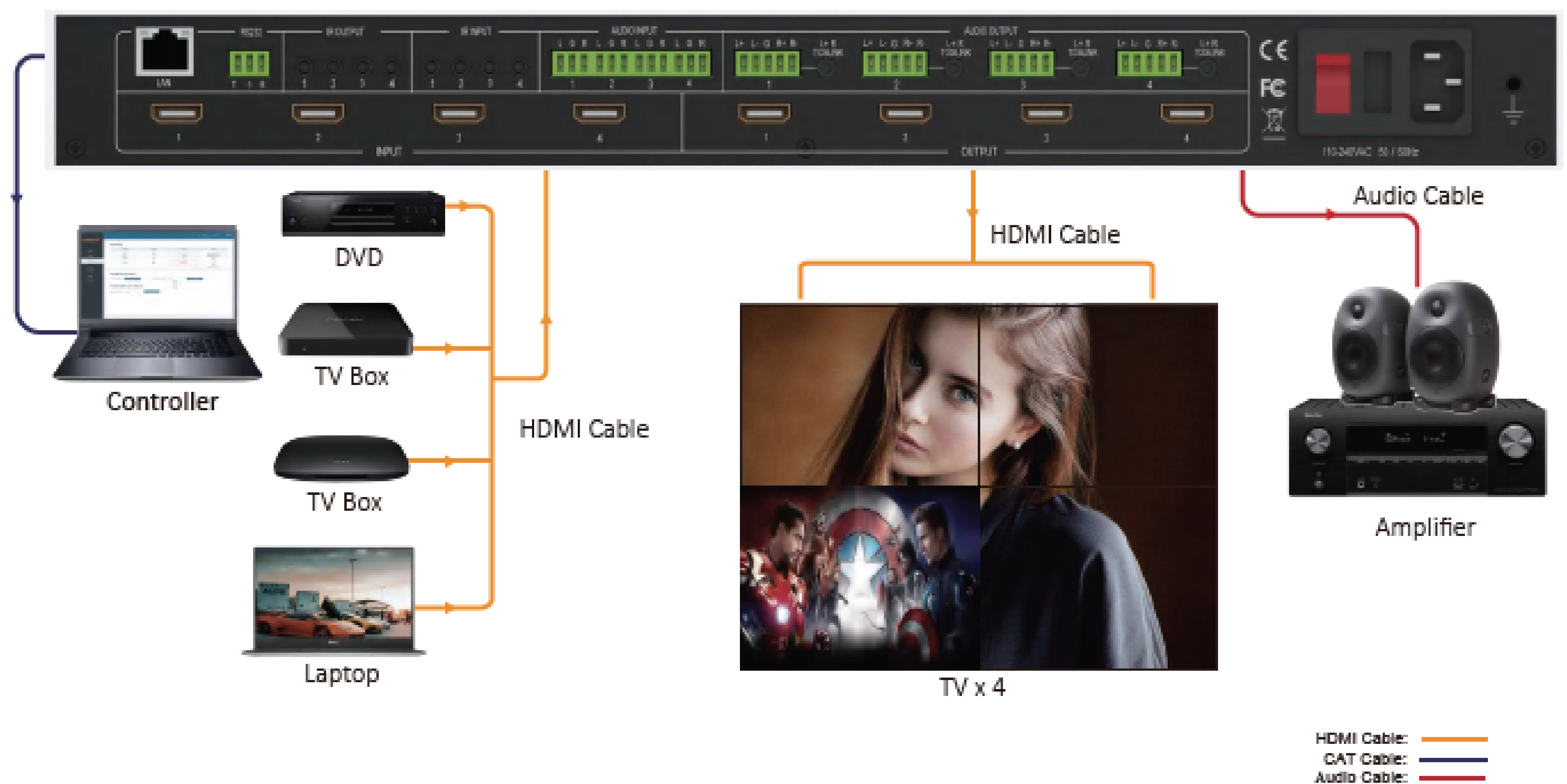
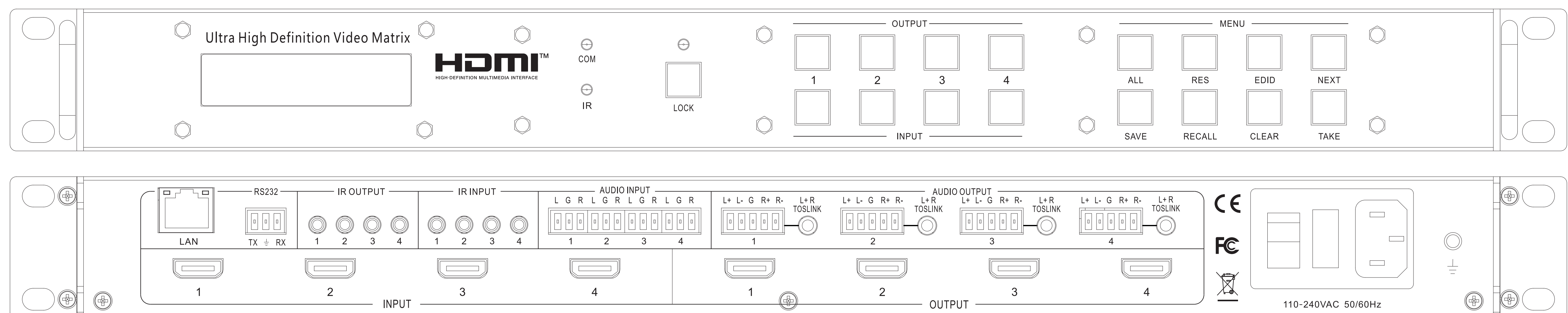
OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY



CONNECTION DIAGRAM



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EXPERIENCE



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