

MHUB S (16+16x16) 100A

The mega matrix designed to be easier and cheaper to deploy than AV over IP.



Product Code(s):

2.50.926 with Dolby Audio **2.50.909** Standard

INPUTS / INPUT MIRRORS / OUTPUTS / OUTPUT MIRRORS

16 / 16 / 16 / 4

DISTANCE

100m / 394ft (4K) | **150m / 492ft** (1080p)

Supports up to 160 displays (x10 stacked)

4K > 1080p downscaling all outputs

Dolby Audio (Atmos) downmixing*

Match source or follow output audio modes

Volume controllable audio outputs

2 +3 year warranty When registered on HDA Cloud within 30 days of purchase.

MHUB S is a unique AV matrix for managing media, music and mood, in umpteen zones.

With no need for networking knowledge or equipment, MHUB S is easy to install, and more cost effective than AV over IP in both hardware cost and installation experience with better video quality.

Everything is included in the box. All 16 display receivers, all IR and all mounting brackets.

MHUB S can be a single-brand solution that's quickly installed and manageable remotely via the cloud, now with the significant benefit of also including bolt-on uControl smart remotes for luxury residential and light commercial projects.

Control system drivers

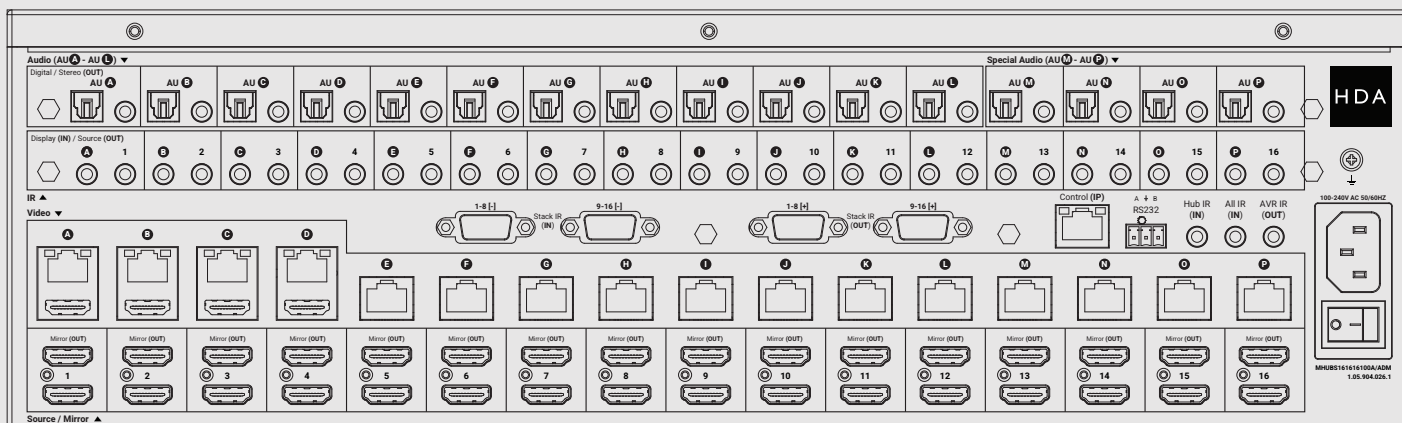


Works directly with



*Dolby Audio Model
MHUB S (16+16x16) 100A DM
MHUBS161616100ADM
2.50.926

Standard Model
MHUB S (16+16x16) 100A
MHUBS161616100A
2.50.909



x16 (included)



Form

Chassis W/H/D (mm)	440/132/398
Display receiver W/H/D (mm)	140/65/18
Weight (g)	Chassis: 6300 Receiver: 187
Material	Chassis: Steel + Aluminium Receiver: Aluminium
Colour	Carbonite (grey)
Operating temp	0°C - 45°C / 32°F - 113°F
Storage temp	-20°C - 60°C / -4°F - 140°F
Relative humidity	20 - 90% (Non-condensing)

AV Input/Output

Video inputs	16 HDMI
Video input mirrors	16 HDMI (Stacking Ports)
Video outputs	16 HDBaseT
Video output mirrors	4 HDMI
Audio outputs	16 (Optical + Stereo)

Other

CEC control	Display
Audio management	Atmos Downmix (4 ports) MHUBS161616100ADM ONLY
IR cascade	(max. x4 MHUB S)
Warranty	2+3 years*

Technical

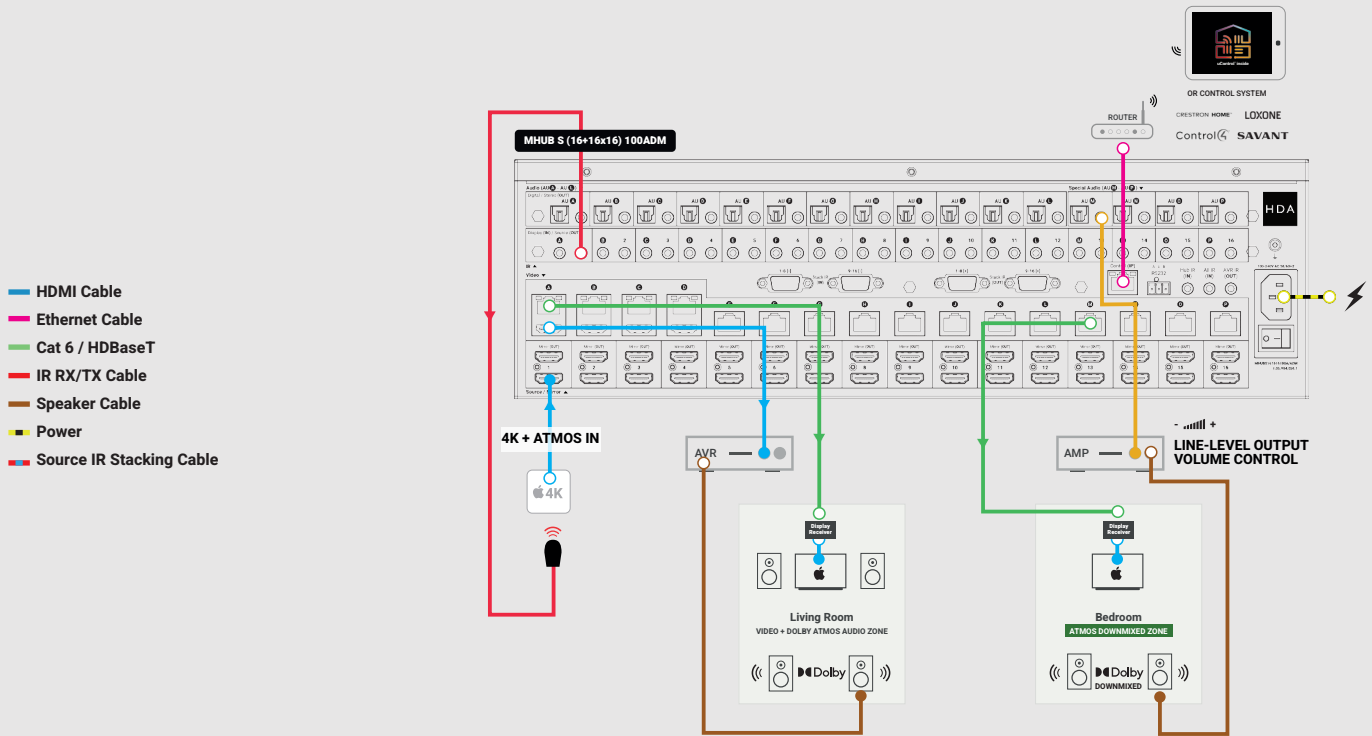
HDMI	2.0b
HDCP	2.3
Video bandwidth	18Gbps
Transmission distance	1080p: 150m/492ft 4K: 100m/394ft
Colour space	RGB, YCbCr 4:4:4, YUV 4:4:0, YCbCr 4:2:2/4:2:0
Colour depth	8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K@60Hz) 10-bit, 12-bit (4K@60Hz YCbCr 4:2:2/4:2:0)
Supported resolutions	Up to 4K@60Hz (4:4:4)
HDR formats	HDR10, HDR10+, Dolby Vision, HLG*
HDMI audio (input)	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby True HD, Dolby Digital Plus (DD+), Dolby Atmos, DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
Audio (output)	HDBaseT/HDMI: LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby True HD, Dolby Digital Plus (DD+), Dolby Atmos, DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X Optical: Upto 5.1 PCM, Dolby/DTS 5.1 Stereo: Unbalanced 2ch, Max output level 2VRMS
Output gain (1dB steps)	-12dB – +12dB
Max output level	-56dB – 0dB
Infrared	20Khz - 60Khz

*Only Dolby Vision Low Latency Mode is supported at 60Hz over Video TPC output.

**Extend warranty by +3 years if device is registered on HDA Cloud within 30 days of purchase.

Wiring up.

Model: MHUB S (16+16x16) 100ADM (Typical wiring with simultaneous stereo and Atmos audio zones).



Model: MHUB S (16+16x16) 100A (Two stacked systems to create a 16x32 zone video distribution system).

