

≡≡≡ HDA

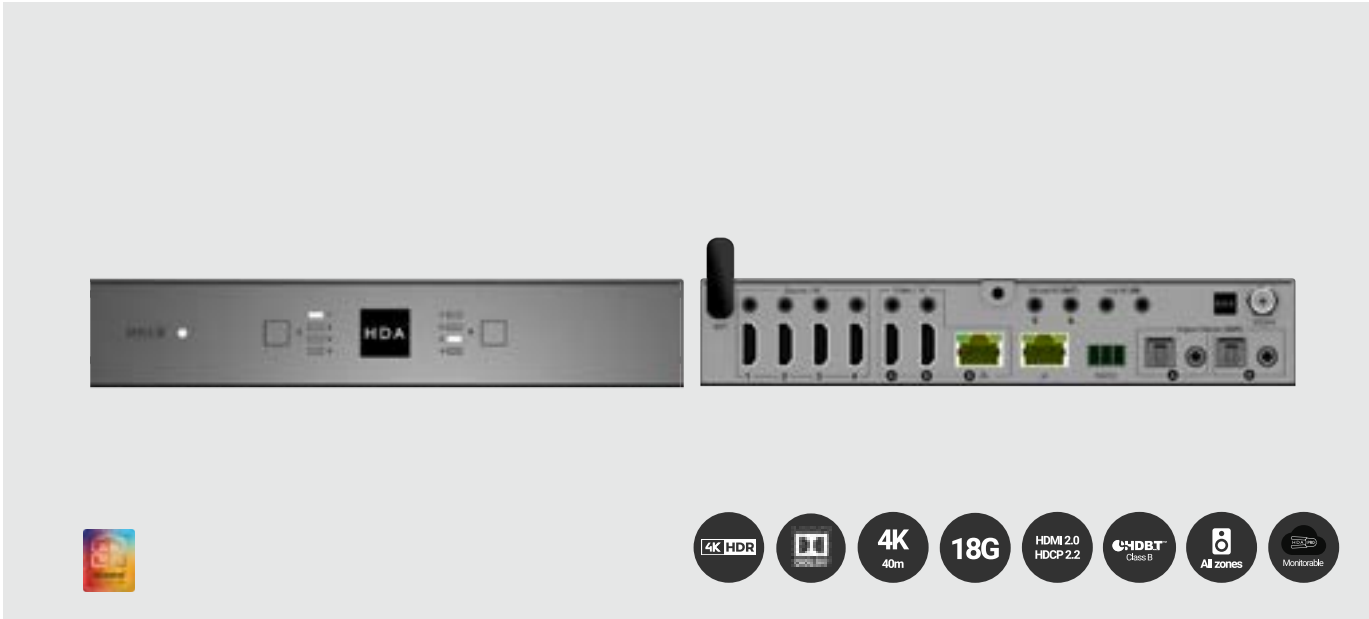
GUIDE

Matrix Systems

UNIFY



MHUB U (4x1+1)



Product Code

MHUB411U40

4 inputs / 1 outputs

HDMI® 2.0 features supported up to 18Gbps

40m / 131ft (4K) | 70m / 229ft (1080p)

HDMI mirror (HDBaseT)

Display receiver powered via PoH

5 Year Warranty with cloud registration

Standard Warranty 2 years

Cloud monitorable 4x1+1 HDMI/HDBT+HDMI matrix system with a 40m UHD 4K or 70m 1080p transmission range. An integrated IP>IR control processor enables property-wide control of all the connected sources and displays via the free uControl universal remote App or Alexa voice commands.

Multichannel audio or stereo extraction can be selected to match any of the display zone outputs A or B.

Control.



App control

Full control of your M-HUB, Source and Displays via our integrated and free app, uControl.



Voice Control

All M-HUBs support Amazon Alexa natively, allowing full control of your AV system using voice commands.



3rd Party Control

M-HUBs offer IP and RS232 integration as standard. Advanced "Expanded IO" drivers also supported for major control systems.



IR Control

One infrared (IR) remote controller included for hub and zone control inside package.

SKU: 2.50.817

HDA

MHUB 100A.

Available in (4x4) and (6x6) variants.



Product Code

MHUB44100A / MHUB66100A

4 inputs / 4 outputs (4x4) **6 inputs / 6 outputs** (6x6)

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

Down scaling on all outputs

HDMI Output Mirrors

Line-level (Pre-Out) volume control

5 Year Warranty with cloud registration

Standard Warranty 2 years

MHUB is a single-brand integrated smart home solution, which can include in-room remotes for midmarket luxury residential and light commercial projects. With ‘uControl inside’, HDA’s everyday smart home hubs are cleverly disguised as an AV Matrix.

The uControl Processor inside HDANYWHERE’s newest 4x4 and 6x6 MHUB transforms it into an integrated smart home hub for managing media, music and mood, room-to-room with the groundbreaking uControl Smart Remote or app, in up to 6 zones.

Setup & control.



uOS web GUI

Manage all system settings, switch audio inputs and control volume/EQ states.



uControl (app/voice)

Downloaded over 10,000+ times, uControl is the easiest way to control MHUB.



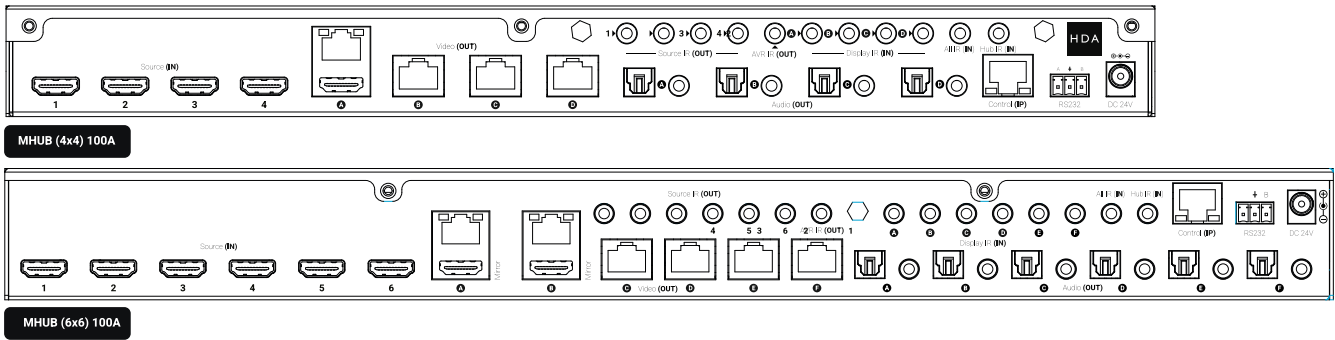
uControl Remote

One remote for controlling all your HDA system and more.

MHUB (4x4) 100A
MHUB44100A
SKU: 2.50.913

MHUB (6x6) 100A
MHUB66100A
SKU: 2.50.905

Specifications.



Form.

Chassis	(4x4) 372 x 165 x 36 (6x6) 440 x 226 x 44
Display receiver	140 x 65 x 18mm
Weight	(4x4) 1631g (6x6) 3025g (RX) 126g
Material	Chassis: Steel and Aluminium RX: Aluminium
Colour	Carbonite (grey)
Operating temp	0°C - 40°C / 32°F - 104°F
Storage temp	-20°C - 60°C / -4°F - 140°F
Relative humidity	20 - 90% (Non-condensing)

Video & audio IO.

Inputs (4x4)	x4 HDMI
Outputs (4x4)	x4 HDBaseT, x1 HDMI (Mirror), x4 Optical, x4 3.5mm Stereo
Inputs (6x6)	x6 HDMI
Outputs (6x6)	x6 HDBaseT, 2 HDMI (Mirror), x6 Optical, x6 3.5mm Stereo

Technical.

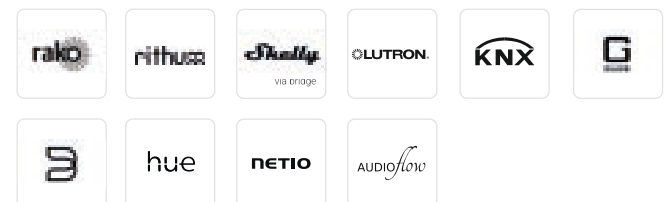
Trans distance	1080p 100m / 394ft 4K 150m / 492ft
Video resolution	Up to 4K@60Hz (4:4:4) with HDR
HDR formats	HDR10, HDR10+, Dolby Vision, HLG*
HDMI audio formats	PCM 2.0 / 5.1 / 7.1, Dolby Digital / Plus / EX, Dolby True HD, DTS, DTS-EX, DTS-96 / 24, DTS High Res, DTS-HD Master Audio, DSD
Audio extraction	Optical: PCM 2.0, Dolby Digital, DTS 5.1 3.5mm Stereo: LPCM 2Ch
Stereo audio formats	PCM 2.0 44.1 / 48 / 88.2 / 96 / 176.4 / 192KHz, 16 / 20 / 24bit
MHUB Power	24V 2.7A (4x4) / 24V 3.75A (6x6)
Display receiver Power	24V PoC (Power over Cat)
Power Consumption	55.2W Max (4x4) / 75W Max (6x6)

*Only Dolby Vision Low Latency Mode is supported at 60Hz over Video TPC output. **If display supports standard CEC specification.

Third-party control.

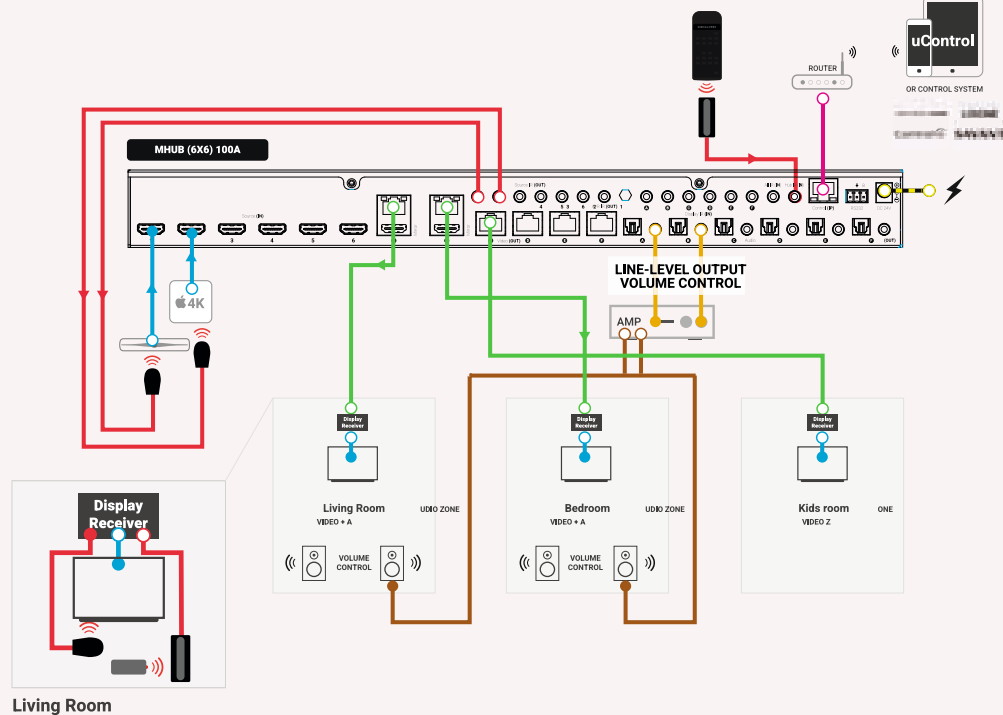


Directly integrates with.

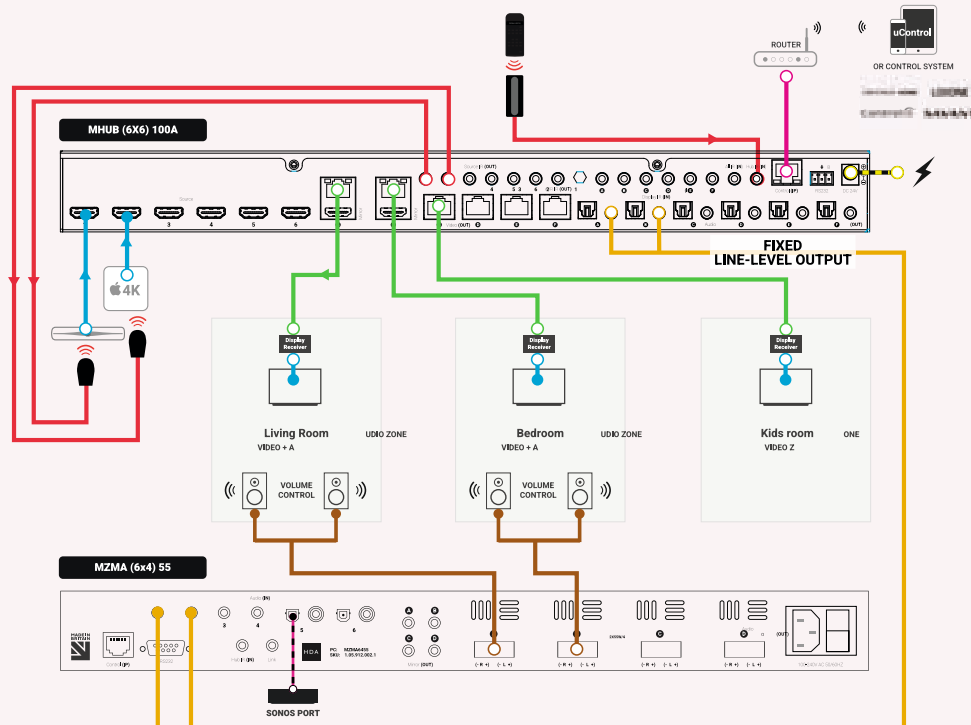


Wiring up.

- HDMI Cable
- Ethernet Cable
- Cat 6 / HDBaseT
- IR RX/TX Cable
- Speaker Cable
- Power
- 3.5mm stereo
- Optical



Standalone



Stacked with MZMA

MHUB S (8+8x8) 100A

Our best-selling stackable MHUB, with volume controllable outputs.



Product Code

MHUBS888100A

Inputs/Outputs

8 / 8 / 8 / 2

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

Supports up to 80 displays (x10 stacked)

4K > 1080p downscaling all outputs

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 8 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.

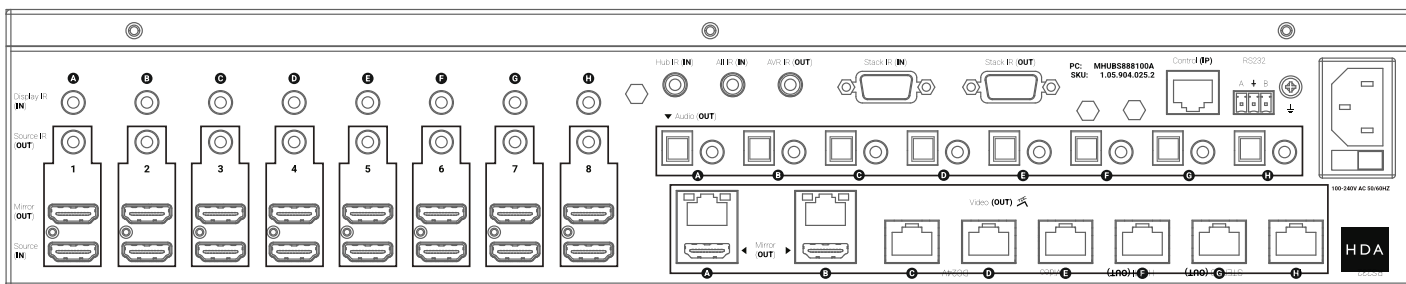
Control system drivers



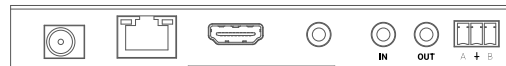
Works directly with

MHUB S (8+8x8) 100A
MHUBS888100A
SKU: 2.50.897

Specifications.



x8 (included)



Form

Chassis W/H/D (mm)	440/88/362
Display receiver W/H/D (mm)	140/65/18
Weight (g)	Chassis: 4200 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	8 HDMI
Video input mirrors	8 HDMI (Stacking Ports)
Video outputs	8 HDBaseT
Video output mirrors	2 HDMI
Audio outputs	8 (Optical + Stereo Paired)

Other

CEC control	Display
IR cascade	(max. x4 MHUB S)
Warranty	2+3 years*

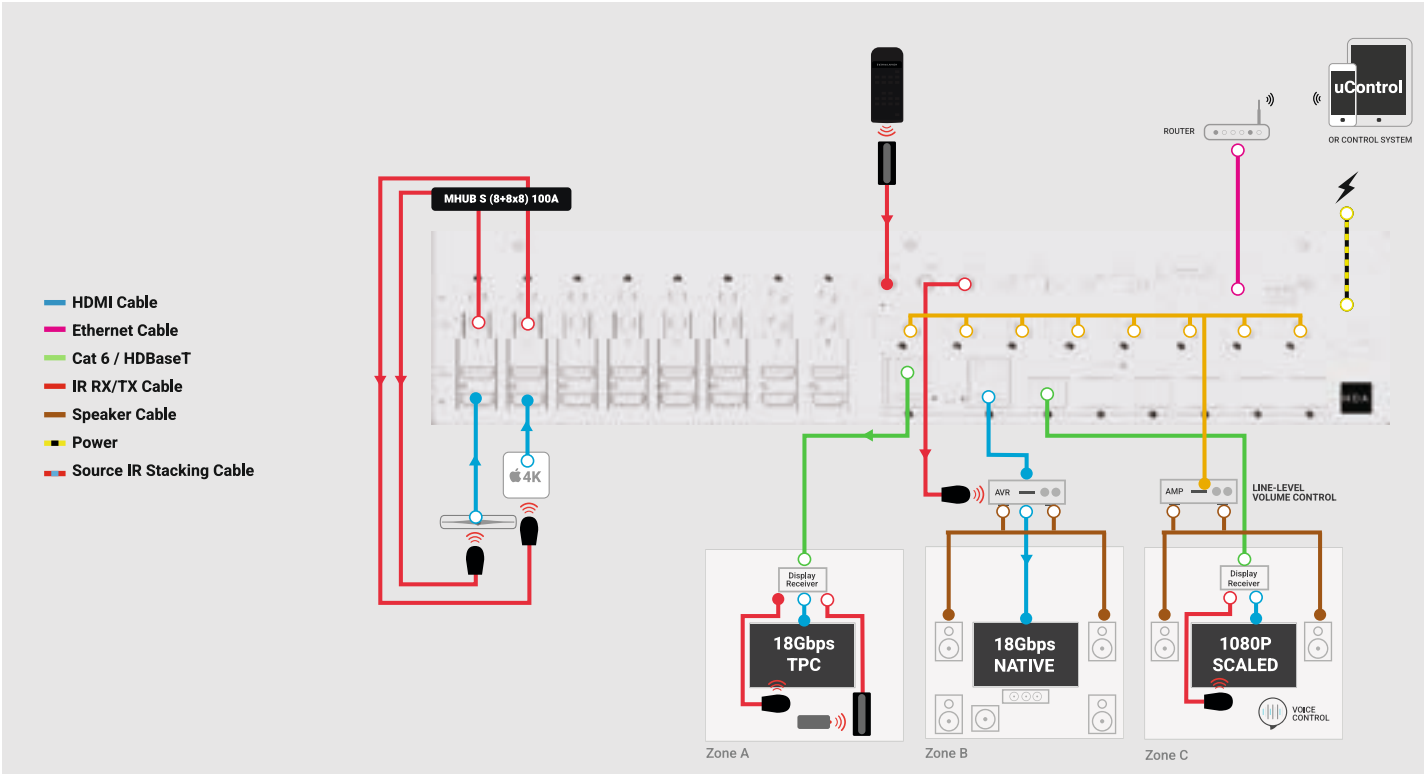
Technical

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

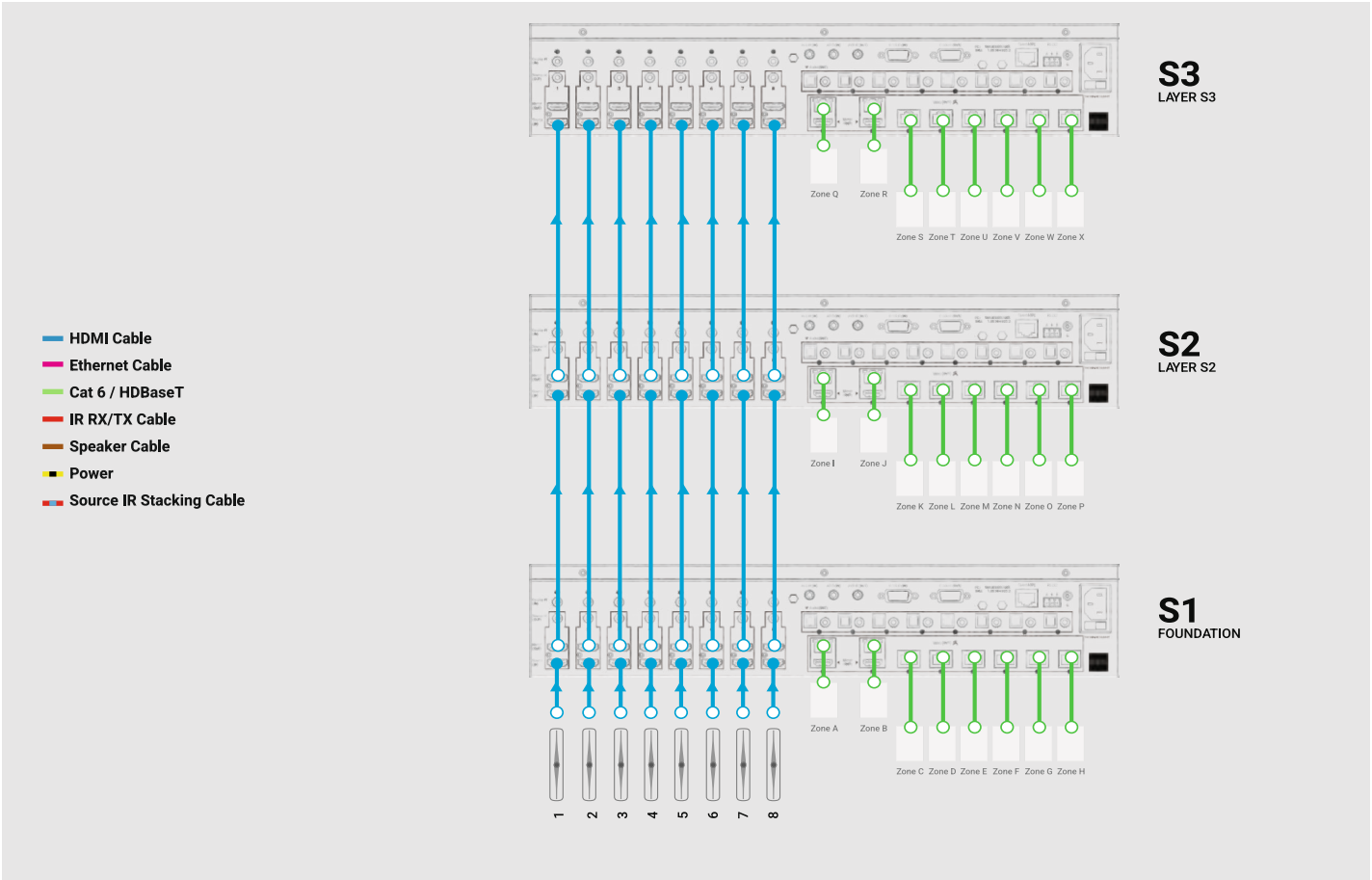
** Extend warranty by +3 years if device is registered on HDA Cloud within 30 days of purchase.

Wiring up.

Model: MHUB S (8+8x8) 100A (Typical wiring example line-level volume control).



Model: MHUB S (8+8x8) 100A (Three stacked systems to create a 8x24 zone video distribution system).



MHUB S (16+16x16) 100A/100ADM

A stackable HDBaseT™ matrix that's easier to install & cheaper to deploy than AV over IP. Featuring volume-controllable audio outputs and powerful uControl™ inside.



PRODUCT CODE

MHUBS161616100ADM
with Dolby Audio

MHUBS161616100A
Standard

EVERYTHING INCLUDED

Sold as a full kit (chassis, x16 display receivers, IR, mounting kits)

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

Downmixing*

Match source or follow output audio modes

Volume controllable audio outputs

5 year warranty**

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.

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



uControl works with popular smart home brands + many more



*Special Audio Model

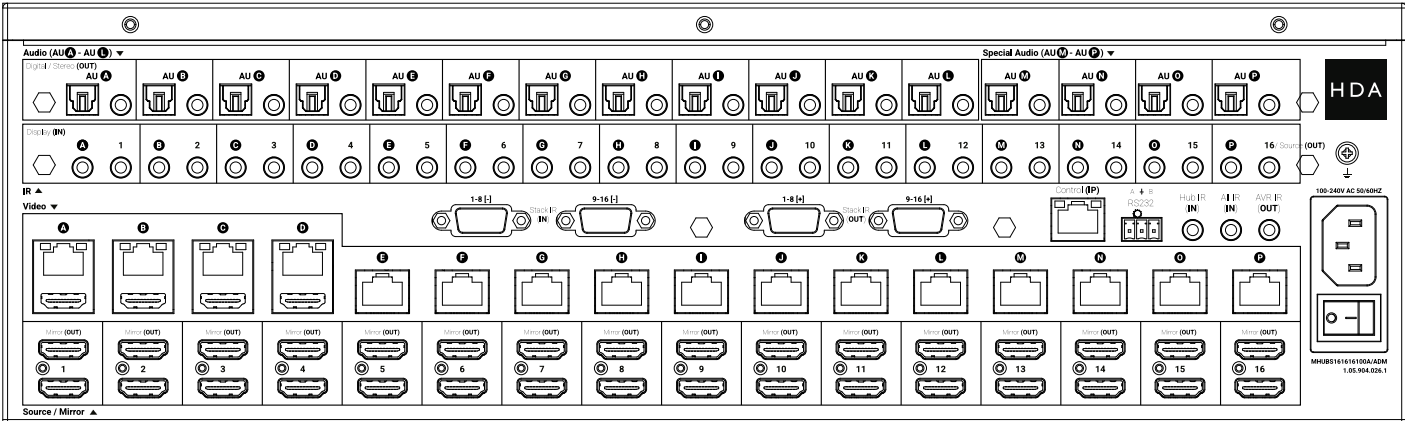
MHUB S (16+16x16) 100ADM
MHUBS161616100ADM
SKU: 2.50.926

Standard Model

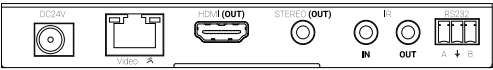
MHUB S (16+16x16) 100A
MHUBS161616100A
SKU: 2.50.909

HDA

Specifications.



INCLUDED
x16



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 - 40°C / 32°F - 104°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 (AVRs/expansion)
Audio outputs	16 Optical + Stereo

Other

CEC contro	Display
IR cascade	(max. x4 MHUB S)
Warranty	2 (+3) years**

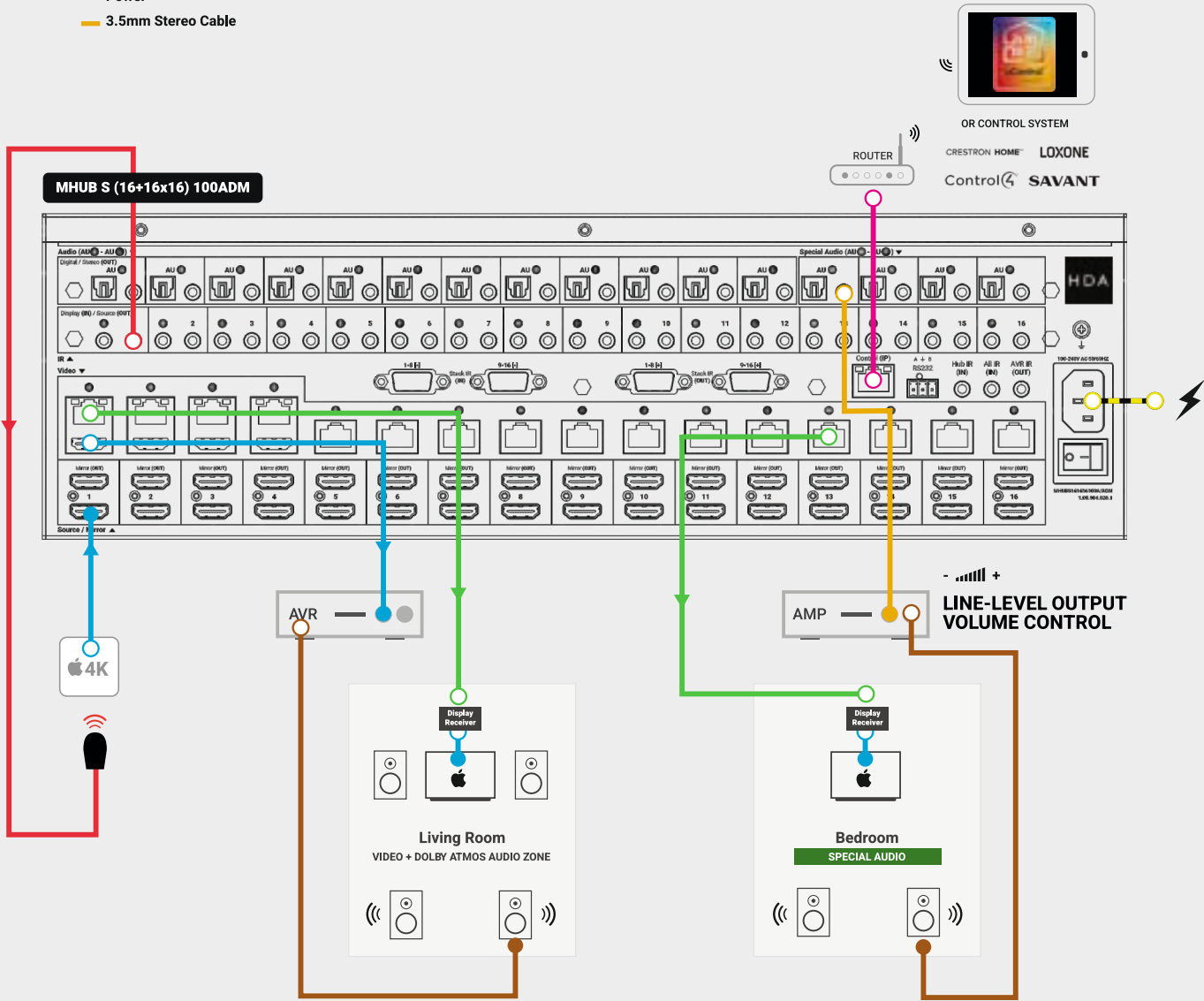
Technical

HDMI	2.0b
HDCP	2.3, 1.4
Video bandwidth	18Gbps
Transmission distance	1080p: 150m/492ft 4K: 100m/394ft
Colour space	RGB, YCbCr 4:4:4/4:2:2/4:2:0, YUV 4:4:4
Colour depth	8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K@60Hz YUV 4:4:4) 10-bit, 12-bit (4K@60Hz YCbCr 4:2:2/4:2:0)
Supported resolutions	Up to 4K@60Hz (4:4:4) with HDR
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: Up to 5.1 PCM, Dolby/DTS 5.1 Stereo: Unbalanced 2ch, Max output level 2VRMS
Output gain (1dB steps)	-12dB — +12dB
Max output level	-55dB — 0dB
Infrared	20Khz - 60Khz

*Only Dolby Vision Low Latency Mode is supported at 60Hz over Video TPC output.
** Standard warranty is 2 years. Extend warranty by an additional 3 years if device is registered on HDA Cloud within 30 days of purchase.

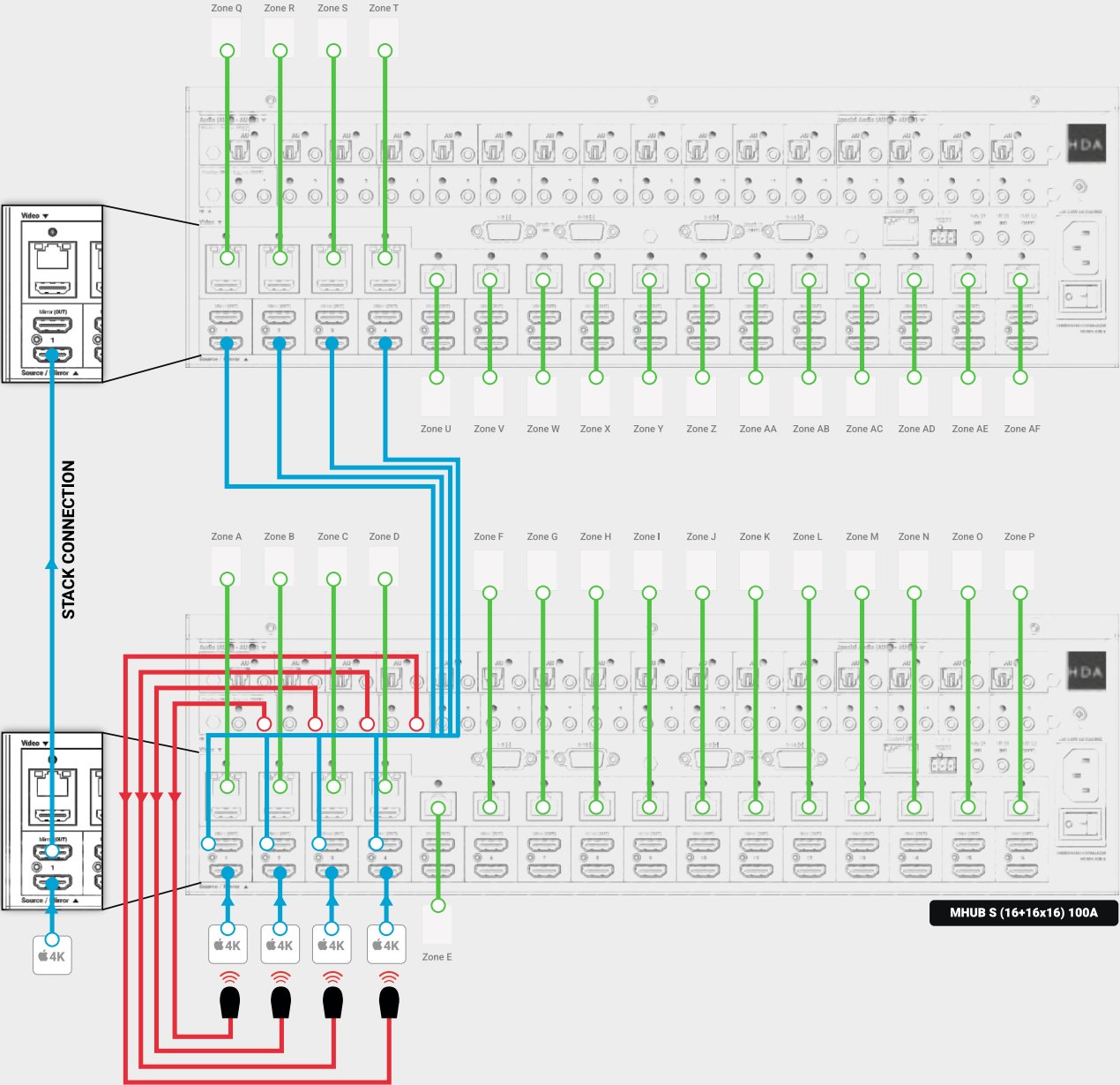
Wiring up.

- HDMI Cable
- Ethernet Cable
- Cat 6 / HDBaseT
- IR RX/TX Cable
- Speaker Cable
- Power
- 3.5mm Stereo Cable



Stacking x2 MHUB S together to create a 16x32 zone system

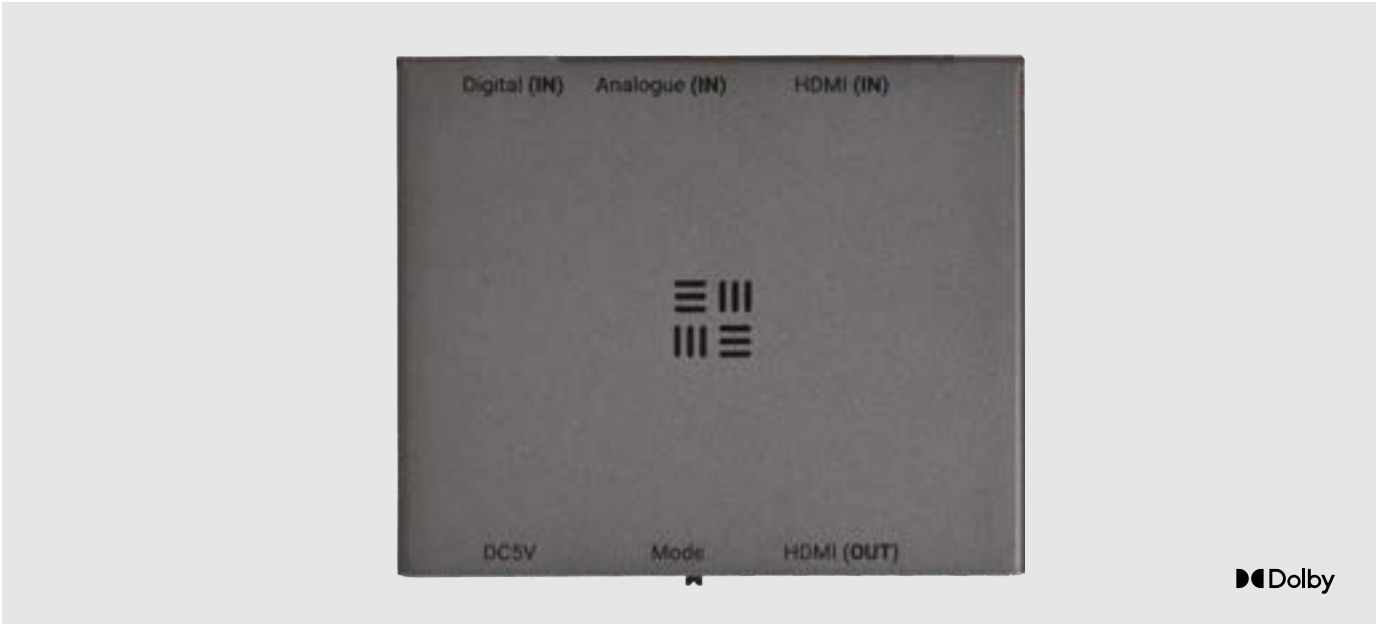
- HDMI Cable
- Cat 6 / HDBaseT
- IR RX/TX Cable



MHUB S (16+16x16) 100A

MHUB Music Input Adapter

Add an audio source to MHUB or MHUB S (A) systems.



PRODUCT CODE

MHUB Music Input Adapter

INPUTS / OUTPUTS

3 / 1

Converts video inputs to audio inputs on MHUB / MHUB S (A)

Embeds digital or stereo audio on HDMI

Optical formats: PCM 2.0, Dolby Digital 2.0/5.1, DTS 2.0/5.1

Supports HDMI High Bit Rate (HBR) audio pass-through

HDCP 2.2

CEC pass through supported

2 year warranty

The MHUB Music Input Adapter enables the addition of an audio-only input, such as a music streamer, audio mixer, microphone*, public address system, chimes, etc, as one of the selectable sources as part of a standalone or stacked MHUB or MHUB S (A) multizone system.

Popular use cases would include adding a music source input such as a Sonos Port or door chime to a multizone system without requiring a separate audio matrix device.

*Additional hardware may be required.

Specifications.



Form

Chassis W/H/D (mm)	73.5/60.7/17
Weight (g)	Chassis: 122 Package: 350
Material	Chassis: Steel
Colour	Carbonite (grey)
Operating temp	0°C - 40°C / 32°F - 104°F
Storage temp	-20°C - 60°C / -4°F - 140°F
Relative humidity	20 - 90% (Non-condensing)

Technical

HDMI	2.0b
HDCP	2.2
Audio (input)	HDMI (Type A) Upto 5.1 PCM, Dolby/DTS 5.1 Optical: Upto 5.1 PCM, Dolby/DTS 5.1 Stereo (3.5mm): PCM
Audio (output)	HDMI: LPCM 2.0/2.1/5.1

AV Input/Output

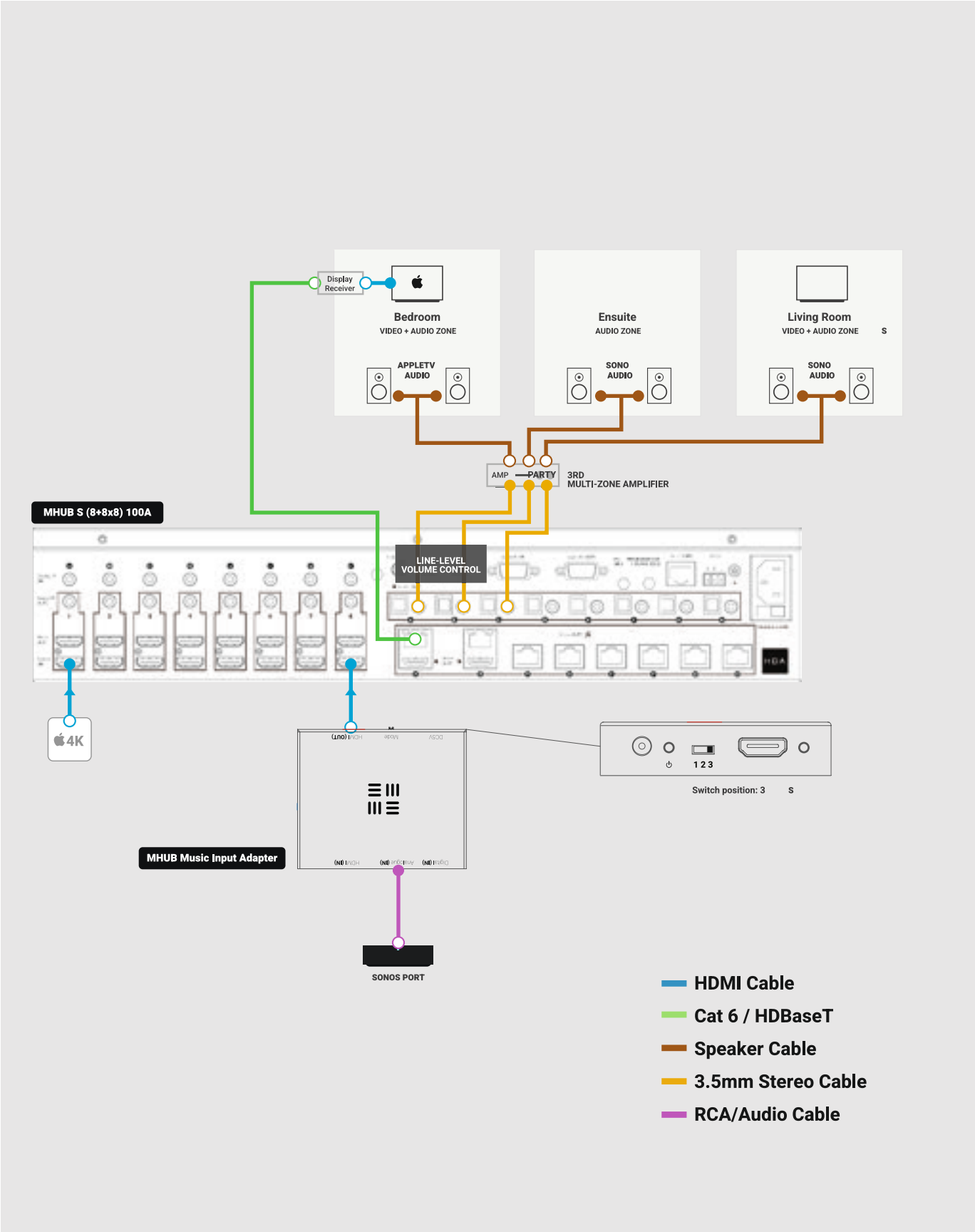
Video inputs	1 HDMI (Type A)
Video outputs	1 HDMI (Type A)
Audio inputs	1 3.5mm Stereo, 1 Optical
Audio outputs	1 HDMI (Type A)

Other

Warranty	2
----------	---

Wiring up.

Model: MHUB Music Input Adapter (Using the MHUB Music Input Adapter to add an audio source to MHUB or MHUB S (A) system.).



MZMA (6x4) 55

Multi Zone Matrix Amplifier



Product Code

MZMA6455

6 inputs / 4 outputs

55W/channel (42W all channels driven)

Hi-Fi All Analogue Design (AAD)

3-band EQ

Optimisable power management

3 Year Warranty with cloud registration

The Multi Zone Matrix Amplifier (MZMA) offers 4 stereo zones of 55W power in a 1U amplifier.

The perfect rack-amp partner for MHUB to deliver multi room, multi zone, amplified audio alongside video, all controllable via the uControl App, Remote or third-party control system.

Setup & control.



uOS web GUI

Manage all system settings, switch audio inputs and control volume/EQ states.



uControl (app/voice)

Downloaded over 10,000+ times, uControl is the easiest way to control MZMA.



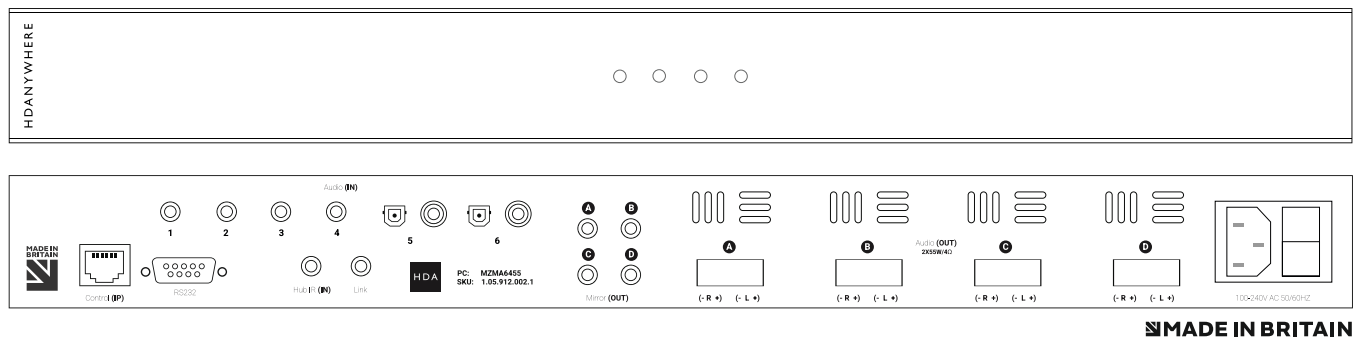
uControl Remote

One remote for controlling all your HDA system and more.

Multi Zone Matrix Amplifier (6x4) 55
MZMA6455
SKU: 2.50.901

 **HDA**

Specifications.



Form.

Form factor	1U 19" mountable (kit included)
Dimensions	440 / 284 / 43mm
Weight	4700g (chassis) / 5700g (package)
Material	Steel
Colour	Carbonite (grey)
Operating temp	-10 — 60C
Storage temp	-15 — 70C
Rel humidity	5% — 95% non condensing

I/O.

Inputs	3.5mm Stereo Jack (x4) Optical / Digital Coaxial (x2)
Outputs	Amplified output (x4)

Power.

Power	110-240V
Lead	IEC
Consumption	Min 14W / Max 360W

Technical.

Formats	Stereo (Input & Output)
Max input level	+12dBu (+9.8dBv)
Input gain	-14dBu — +16dBu (2dB steps)
Amp power	55W per channel at 4Ω 30W per channel at 8Ω 42W all channels driven
Output level	0dBu — -66dBu (1dB steps) -100dB mute
Max output level	-72dB — 0dB +16dBu (+14dBv) (lineout)
Balance	+/- 6dB (1 dB steps)

EQ.

Treble	+/- 14dB @ 10KHz
Mid	+/- 14dB @ 1KHz
Bass	+/- 14dB @ 100Hz

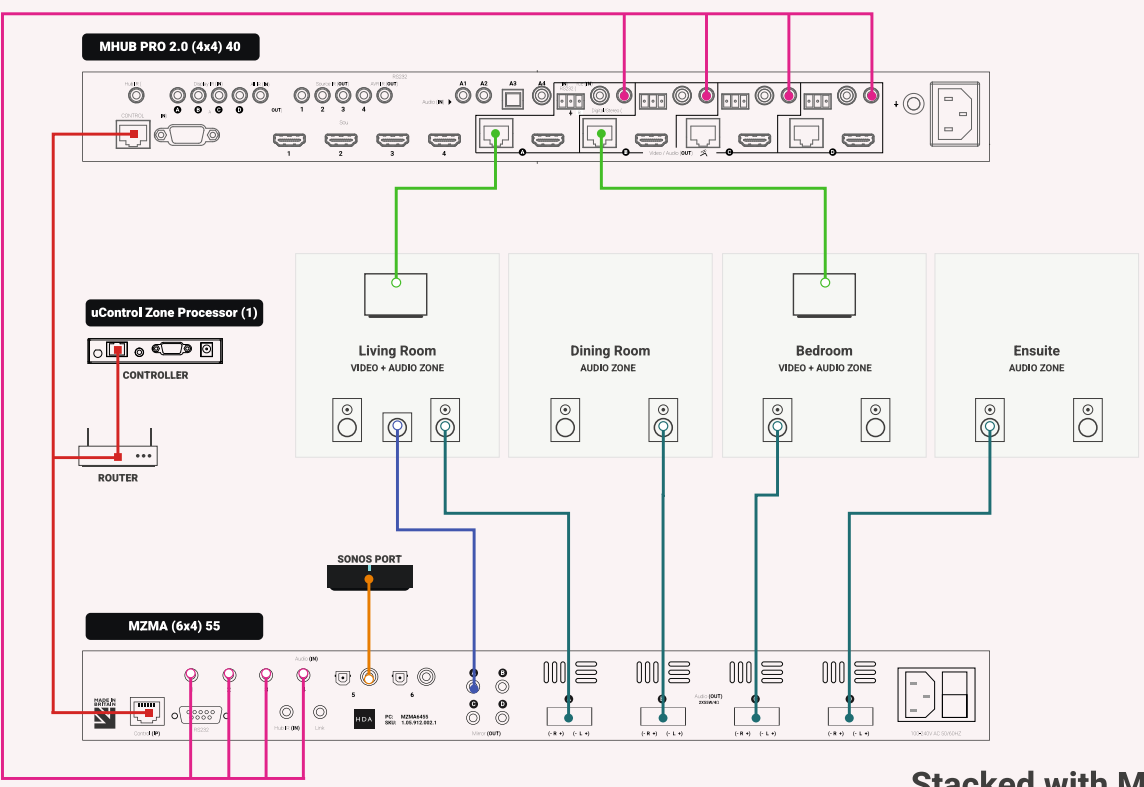
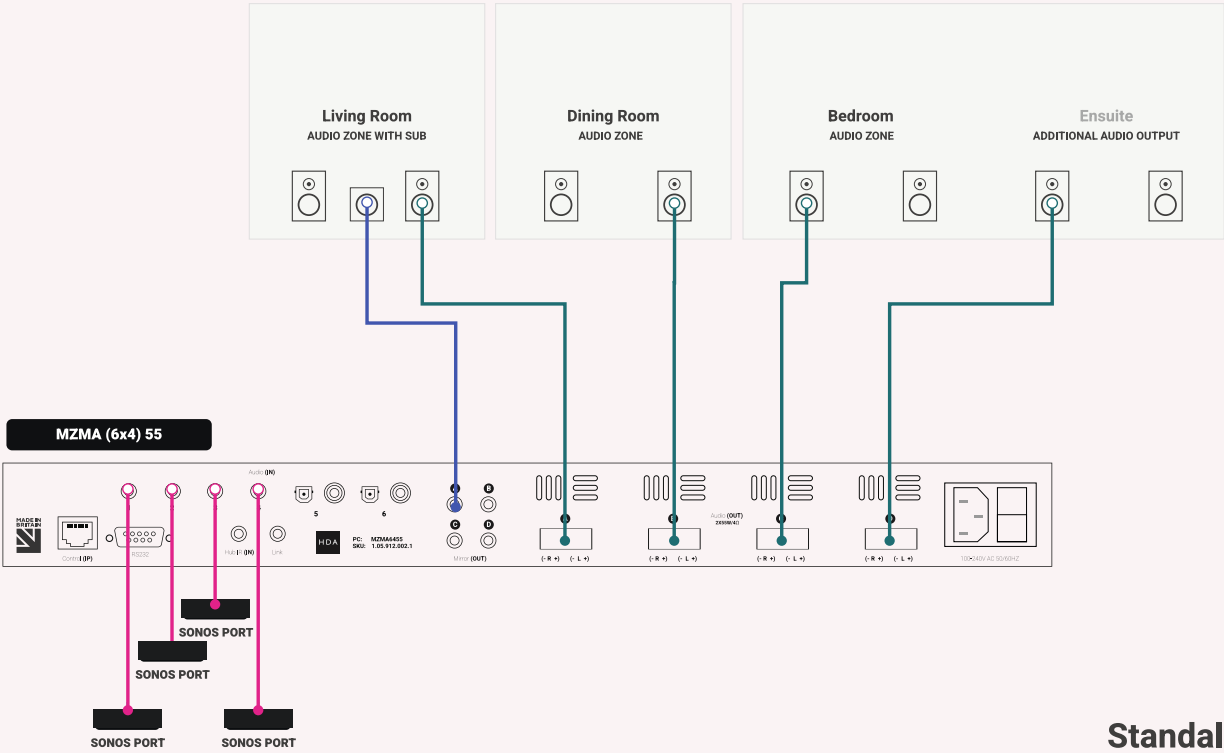
Third-party control.



Directly integrates with.



Wiring up.



MHUB PRO 2.0 (4x4)



Product Code

MHUBPRO24440

4 inputs / 4 outputs

HDMI 2.0 18Gbps

40m / 131ft (4K) | 70m / 229ft (1080p)

Audio Matrix with ARC

Auto Scaling / CEC

5 Year Warranty with cloud registration

Standard Warranty 2 years

MHUB PRO 2.0 is fully HDMI 2.0 compatible, equipped with 18G HDMI interfaces and backplane to support Ultra HD 4K/60 (4:4:4) with HDBaseT 2.0 technology to transmit 4K to displays up to 100 metres away over a single Cat6 cable with no latency.

Versatile integrator-centric functions include an internal video scaler, which can fix certain video zones at 1080p, without affecting higher 4K resolution zones, so that every display is always performing at its best. Audio can be 'grabbed' from either the source or display via HDMI-ARC, and an internal 20x8 independent audio matrix switcher offers flexible routing of the grabbed audio, with volume and delay adjustments to make managing audio easy for connection to amps, active speakers, soundbar etc.

Control.



App control

Full control of your MHUB, Source and Displays via our integrated and free app, uControl.



Voice Control

All MHUBs support Amazon Alexa natively, allowing full control of your AV system using voice commands.



3rd Party Control

MHUBs offer IP and RS232 integration as standard. Advanced "Expanded IO" drivers also supported for major control systems.



IR Control

Two infrared (IR) remote controllers included for hub and zone control inside package.

SKU: 2.50.840

HDA

MHUB PRO 2.0 (8x8)



Product Code

MHUBPRO24440

4 inputs / 4 outputs

HDMI 2.0 18Gbps

40m / 131ft (4K) | 70m / 229ft (1080p)

Audio Matrix with ARC

Auto Scaling / CEC

5 Year Warranty with cloud registration

Standard Warranty 2 years

MHUB PRO 2.0 is fully HDMI 2.0 compatible, equipped with 18G HDMI interfaces and backplane to support Ultra HD 4K/60 (4:4:4) with HDBaseT 2.0 technology to transmit 4K to displays up to 100 metres away over a single Cat6 cable with no latency.

Versatile integrator-centric functions include an internal video scaler, which can fix certain video zones at 1080p, without affecting higher 4K resolution zones, so that every display is always performing at its best. Audio can be 'grabbed' from either the source or display via HDMI-ARC, and an internal 20x8 independent audio matrix switcher offers flexible routing of the grabbed audio, with volume and delay adjustments to make managing audio easy for connection to amps, active speakers, soundbar etc.

Control.



App control

Full control of your MHUB, Source and Displays via our integrated and free app, uControl.



Voice Control

All MHUBs support Amazon Alexa natively, allowing full control of your AV system using voice commands.



3rd Party Control

MHUBs offer IP and RS232 integration as standard. Advanced 'Expanded IO' drivers also supported for major control systems.



IR Control

Two infrared (IR) remote controllers included for hub and zone control inside package.

SKU: 2.50.843

HDA

≡≡≡ HDA