Just Add Power

SCAN ME
MaxColor
Website Page

MaxColor™ 4K60

The Just Add Power MaxColor system is a 4K60, 36-bit color, 4:4:4 color format HDMI over IP distribution matrix.

System Wide Features

Transmitters

- Encodes computer and video resolution up to and including 4K60 @ 4:4:4
- Supports all lossless audio formats
- Supports deep color up to 36-bit
- HDR Support: HDR10, HDR10+, HLG, Dolby Vision, and SDR
- Endpoint Control: CEC and RS232
- Image Pull
- Zero detectable latency
- POE Powered
- Seamless Switching

Receivers

- Encodes computer and video resolution up to and including 4K60 @ 4:4:4
- Supports all lossless audio formats
- Supports deep color up to 36-bit
- HDR Support: HDR10, HDR10+, HLG, Dolby Vision, and SDR
- Endpoint Control: CEC and RS232
- Image Pull
- Image Push
- Zero detectable latency
- POE Powered
- Seamless Switching
- Supports Standard Video Wall

	683615347489	683615347519	683615347472	683615347502
	MC-TX1	**MC-TX2**	**MC-RX1**	**MC-RX2**
Device Description	4K60 Standard Transmitter	4K60 Transmitter USB-C w/ optional SFP, ARC & HDMI out	4K60 Standard Receiver	4K60 Receiver USB-C w/ optional SFP
System Wide Features	✓	✓	✓	✓
Fiber Port Option		✓		✓
KVM Support		✓		✓
Audio Return Channel (ARC)		✓		✓

	683615347540	683615347533
	MC-TX3	**MC-QX**
Device Description	4K60 Transmitter w/ AES67 & USB-C	4K60 Video Tiling & 360° Video Rotation TX
System Wide Features	✓	
AES67	✓	
KVM Support	✓	
Display 4 Sources on 1 Screen		✓
Rotate any HDMI source in 0.1 degree increments		✓

Why Just Add Power?

Just Add Power AV over IP

Just Add Power introduced HDMI/AV over IP to the professional AV industry in 2008. Since being the first to bring this protocol to market, the company has expanded and improved its products, focusing solely on developing the most outstanding AV over IP solutions imaginable.

There are several benefits to choosing Just Add Power for your AV over IP system.

Continuous advances - Just Add Power employs a proprietary chipset and codec developed by the company. This combination has been specifically designed to provide the highest quality performance and work reliably for years. It is designed to encode and decode AV signals flawlessly, with ultra-low latency that is not visible to the human eye.

Because it is designed by the company, the codec can be re-engineered as advances in technology are made. Devices are designed to accept firmware updates for these advances, increasing their performance and feature set - even for existing systems.

Seamless Integrations and Support – Just Add Power works with its design team, technical development staff, and integration partners to ensure that all elements of an AV system are working together seamlessly. Drivers are provided for most major control systems and an open API is offered for those who would like to develop their own. Switches that meet system capability are tested and certified to work with Just Add Power devices. The company's installation software makes it a simple step by step process to configure the devices in a system.

Because all of this work is done in-house, the company's technical support staff is able to assist integrators with installation and maintenance of a system with the knowledge base necessary to troubleshoot most issues, even if they aren't caused by Just Add Power devices.

Just Add Power

SCAN ME
3G Ultra
Website Page

3G ULTRA 4K30

The Just Add Power 3G Ultra system is a 4K30 HDMI over IP distribution matrix.
It can accept 4K60 video input, but will output video at a maximum of 4K30.

3G Ultra devices are compatible with 2G Omega devices.

MaxColor and 3G Ultra are not compatible. They are independent systems that can run on the same switch and be integrated with additional hardware.

System Wide Features

Transmitters

- Encodes 4K30 or lower resolutions
- Supports HDCP 2.2
- 4K60 compatible at 4K30
- HDR: HDR10, HLG, SDR
- Seamless switching
- Integrated endpoint control
- Zero detectable latency
- EDID management
- POE powered (unless otherwise noted)
- Plug-Play-Present
- Image pull
- All 3D formats supported

Receivers

- 4K30 & lower resolution support
- Resolution output scaling
- HDR: HDR10, HLG, SDR
- HDCP 2.2
- All lossless audio supported
- Integrated video scaler
- Seamless switching
- Integrated endpoint control
- Video wall with rotation
- EDID management
- POE powered (unless otherwise noted)
- Plug-Play-Present built-in
- DHCP Integration
- Image push, pull & pop
- On screen display
- All 3D formats supported

Step #1 Pick Transmitter

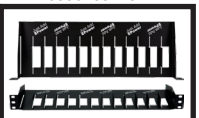
Key
☐ Best Seller

	683615347304	683615347458	683615347403	683615347250	683615347229	683615347526
	707POE	708POE	709P2P	717HIFI	718AVP	767AES
Device Description	4K Standard Transmitter	4K Transmitter w/ Stereo Audio Extraction	4K Point-To-Point Transmitter w/ POE injector	4K Transmitter w/ HDMI loopout	4K Transmitter w/ Dolby DSP, USB & Stereo out, Mic- & Line-in	4K Transmitter w/ AES67 audio (LPCM up to 8CH)
All Lossless Audio Supported	✓	✓	✓	✓		✓
Built-in POE Injector up to 40W			✓			
AES67						✓
HDMI Loopout				✓		✓
KVM Support					✓	
Rackmount Option	✓				✓	
Stereo Audio Output 3.5mm		✓			✓	

Step #2 Pick Receiver

	683615347281	683615347380	683615347212
	508POE	509POE	518AVP
Device Description	4K Standard Receiver	4K Daisy-Chain Receiver w/ added POE Network Out	4K Receiver w/ USB and Stero Audio Out
Analog Audio Out			✓
KVM Support			✓
Network Out Port		✓	
Single Port Supports Multiple Receivers		✓	

Step #3 Pick Accessories

	683615347236	683615347397
		
	IRD	RS1U
	IR Control	Rackmount Shelf
	Serial to IR	19' rackmount shelf
	Adds IP to IR control	Compatible with MaxColor, 3G Ultra & 2G Omega products
	Compatible with any 2G/3G RS232 port	Holds up to 13 devices
		Max 5U high

Just Add Power

SCAN ME
3G Ultra
Website Page

Step #4 Pick Extra Features

Key
Best Seller

Device Description	707WP2 (683615347441)	717WP2 (683615347328)	718WP4 (683615347311)	ST1 (683615347465)	737POE (683615347434)	759A (683615347359)
	4K Wallplate Transmitter	4K Wallplate Transmitter w/ USB & VGA Ports	4K Wallplate Transmitter w/ Dolby DSP & HDMI Out	Sound Transceiver Audio-only	Warp Engine Transmitter w/ 360° Video Rotation	Video Tiling Transmitter
All Lossless Audio Supported	✓	✓				
Artistic Video Wall					✓	
Audio Input - Transmitter *ST1*				✓		
Audio Mixing			✓			
Audio Output - Receiver *ST1*				✓		
Colors: Black, White or Custom	✓	✓	✓			
Custom Layouts						✓
Dolby 5.1 Downmixing			✓			
HDMI Input	✓	✓	✓			
HDMI Loopout						✓
Integrated Endpoint Control				✓		
KVM Support		✓	✓			
Stereo Audio Output				✓		
Stereo Audio Input		✓	✓	✓		
Stereo Audio Output 3.5mm			✓			
VGA Input		✓	✓			
Video Rotation 0.1 degree increments					✓	
4 Sources on 1 Display						✓

Case Study

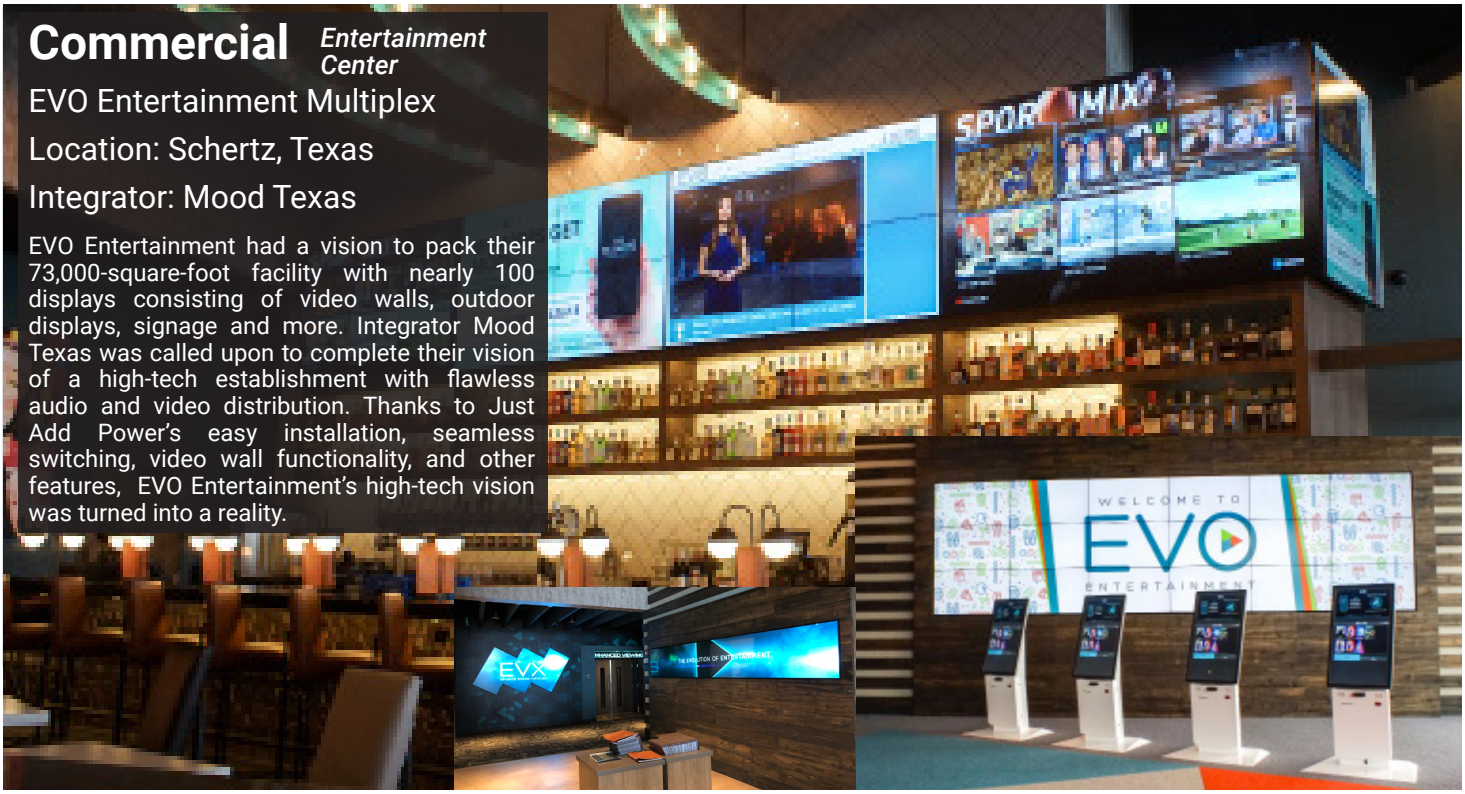
Commercial *Entertainment Center*

EVO Entertainment Multiplex

Location: Schertz, Texas

Integrator: Mood Texas

EVO Entertainment had a vision to pack their 73,000-square-foot facility with nearly 100 displays consisting of video walls, outdoor displays, signage and more. Integrator Mood Texas was called upon to complete their vision of a high-tech establishment with flawless audio and video distribution. Thanks to Just Add Power's easy installation, seamless switching, video wall functionality, and other features, EVO Entertainment's high-tech vision was turned into a reality.



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Just Add Power AV over IP

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There are several benefits to choosing Just Add Power for your AV over IP system.

Continuous advances - Just Add Power employs a proprietary chipset and codec developed by the company. This combination has been specifically designed to provide the highest quality performance and work reliably for years. It is designed to encode and decode AV signals flawlessly, with ultra-low latency that is not visible to the human eye.

Because it is designed by the company, the codec can be re-engineered as advances in technology are made. Devices are designed to accept firmware updates for these advances, increasing their performance and feature set - even for existing systems.

Unique features – Because of its proprietary chipset and codec, and its engineers' ongoing role in design and improvement, Just Add Power devices can integrate unique features that are not found in other systems. Tiling, image rotation, and 8-channel Dante audio integration are just a few of these system options.

Seamless Integrations and Support – Just Add Power works with its design team, technical development staff, and integration partners to ensure that all elements of an AV system are working together seamlessly. Drivers are provided for most major control systems and an open API is offered for those who would like to develop their own. Switches that meet system capability are tested and certified to work with Just Add Power devices. The company's installation software makes it a simple step by step process to configure the devices in a system.

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Just Add Power

SCAN ME
2G Omega
Website Page

2G OMEGA 1080p

The Just Add Power 2G Omega system is a 1080p HDMI over IP distribution matrix.

3G Ultra devices are compatible with 2G Omega devices in case you need a mixture of 1080p and 4K30 in the same installation.

System Wide Features

Transmitters

- Encodes 1080p or lower resolutions
- Supports HDCP 2.2
- HDR support
- Seamless switching
- Zero detectable latency
- EDID management
- POE powered (unless otherwise noted)
- Plug-Play-Present
- Image pull
- All 3D formats supported

Receivers

- 1080p & lower resolution support
- Resolution output scaling
- HDCP 2.2
- All lossless audio supported
- Integrated video scaler
- Seamless switching
- Video wall with rotation
- Integrated endpoint control
- POE powered (unless otherwise noted)
- Plug-Play-Present built-in
- Image push, pull & pop
- On screen display
- All 3D formats supported

Step #1 Pick Transmitter

Key: ☐ Best Seller

Device Description	705POE (683615347298)	715POE (683615347342)	725POE (683615347373)	726TVI (683615347410)
	1080p Standard Transmitter	1080p Transmitter w/ USB, Stereo Port & HDMI Out	1080p Transmitter w/ SDI in, Stereo & HDMI Out	1080p Transmitter w/ TVI in, USB & HDMI Out
All Lossless Audio Supported	✓	✓		
Analog Audio Input				
Analog Audio Output		✓	✓	
HDMI Loopout		✓	✓	✓
Integrated Endpoint Control	✓	✓	✓	✓
KVM Support		✓		✓
SDI Input			✓	
Supports 48kHz Audio Sample Rate			✓	
TVI Input				✓

Step #2 Pick Receiver

Device Description	505POE (683615347274)	515POE (683615347335)
	1080p Standard Receiver	1080p Receiver w/ USB and Stereo Audio Out
Analog Audio Output		✓
KVM Support		✓

Step #3 Pick Accessories

IRD (683615347236)	RS1U (683615347397)
IR Control	Rackmount Shelf
Serial to IR	19' rackmount shelf
Adds IP to IR control	Compatible with MaxColor, 3G Ultra & 2G Omega products
Compatible with any 2G/3G RS232 port	Holds up to 13 devices
	Max 5U high

Just Add Power

Distributed by:

PureLink
Install. Connect. Perform.

SCAN ME
2G Omega
Website Page

Case Study

Commercial - *Boardroom & Outdoor Amphitheater*

Calile Hotel

Location: Brisbane, Australia

Integrator: Soho Sound Design

J+P's 2GΩ/3G PoE transmitters and receivers combine the enhanced audio and feature-set of the company's 3G Ultra HD Over IP system with the maximum 1080p resolution of 2G HD Over IP devices. The Calile's system supports 1080p video with HDCP 1.4, all lossless audio formats including Dolby Atmos, control endpoints with RS-232 and IR, and image push, pull, and pop features.

The Calile's J+P system is engineered to provide complete scalability, so expansion with an additional screen or source is as simple as adding another receiver or transmitter. Furthermore, the solutions provide the hotel with infrastructure to meet future 4K requirements by mixing and matching devices, with 2GΩ devices on 1080p sources and 3G on 4K sources.

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