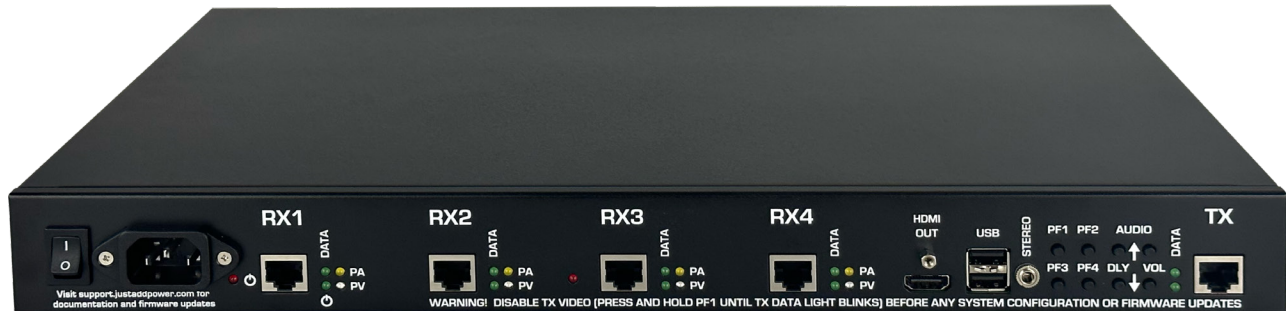# MaxColor™ Series MC-QX

4K60 Encoder (Transmitter) with Video Tiling & Warping

View 4 Sources on 1 Display

The MaxColor 4K60 Video Tiling and Warping Encoder (Transmitter) combines two iconic Just Add Power features into one device:

TILING

Tiling mixes four video sources and combines them into a new, unique, compiled video source that can be viewed by any MaxColor Decoder (Receiver) in the system.

Tile four HDMI sources on a single display in a variety of viewing modes: Quad, Picture-in-Picture, Primary and Secondaries, or any custom layout you can imagine.

The four inputs to the MaxColor 4K60 Video Tiling Encoder (Transmitter) can watch any source in the system and the compiled video can be shown on any display in the system.

Multiple video tilers can be combined to add even more sources to a single display.

WARPING

Warping rotates any source in the MaxColor system in 0.1-degree increments in real time and can be viewed by any number of Decoders (Receivers) in the system, allowing for the creation of massive artistic video walls.
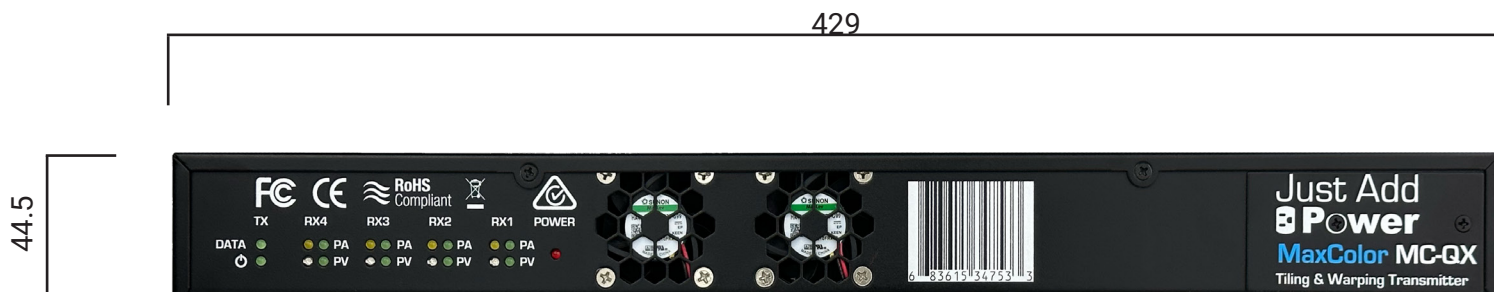
Features

Combine Video	Show up to four unique sources on any Decoder (Receiver) in the system	**mJPEG Stream**	Preview video from any source or display, in any web browser or control system, at up to 30 fps
Combine Tilers	Combine two or more Tilers together to surpass the four-tile limit. There is no limit to the number of Tilers that can combine; two Tilers can show up to 7 sources. Continue this pattern to add 3 video sources for each Tiler.	**HDMI**	Local HDMI Out
		KVM Control	Manage layouts through USB mouse or API
		Scalability	Fully compatible with all MaxColor products
Custom Layouts	Create and build custom layout sizing and placement	**Warp**	Rotate any video in 0.1-degree increments

MaxColor™ Series MC-QX

Front of Device:

429

44.5

All measurements in millimeters (mm)

Back of Device:

429

44.5
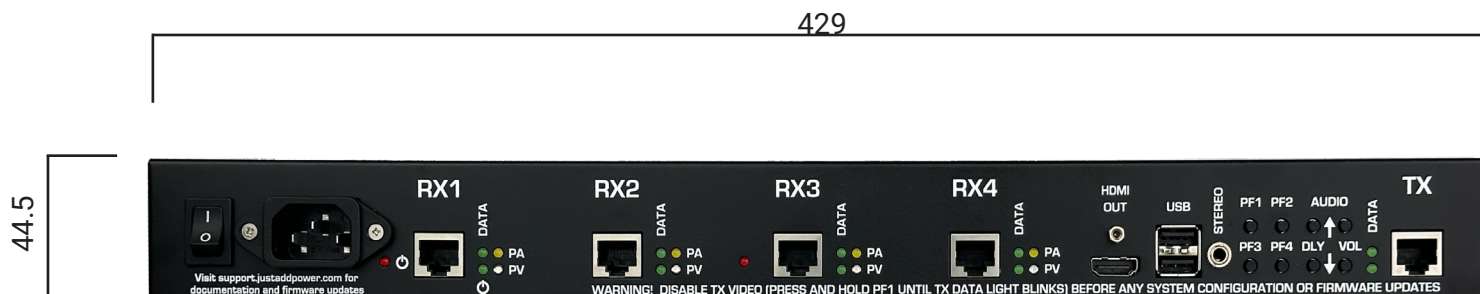
All measurements in millimeters (mm)

Specifications

Bandwidth	850 Mbps	**Ports**	RJ45 1Gb Ethernet (x5) HDMI Out USB 2.0 Type A (x2) 3.5 mm Stereo Out
Compliance	FCC/CE/ROHS Compliant		
Dimensions & Weight	429x44.5x250 mm 17x1.75x9.8 inch (19-inch rack, 1 RU) 6.4-lb/2.9-kg	**Power Supply (included)**	Standard power cable IEC 603020 C13/C14
		Supported Audio & Video	**Audio:** All Audio Formats **Video:** Up to 4096x2160 @ 60fps 4K60/4:4:4/HDR/36-bit color depth
Encryption	AES256 Hardware Based Crypto Engine HDCP 2.2		
Operating Temp	0-60 °C / 32-140 °F		