

Stereo Encoder/Decoder Injects or Extracts Stereo Audio

Use the Ultra Series ST1 Sound Encoder/Decoder (Transmitter/Receiver) to add a stereo audio source to a Just Add Power system, or to extract stereo audio from an existing system source.

Thanks to our unmatched scalability this audio-only device works seamlessly with all Just Add Power product lines: Maxcolor (4K60), Ultra (4K30), and Omega (1080p).



Combine Just Add Power Encoders (Transmitters), Encoders (Receivers) and the ST1 in the same installation. You can watch the big game while listening to radio commentary, give a presentation by mixing PC video with microphone audio, or even add audio return channel from a SmartTV.

Features

Integrated Endpoint Control	Control endpoints with RS232 & IR
Scalability	Fully compatible with all Ultra and Omega products
Stereo Audio	Stereo audio with variable audio -46.5dB to +12dB Input stereo audio to play on any other Decoder (Receiver) Output stereo audio from any other Encoder (Transmitter)

Encoder/Decoder

Audio Input – Encoder (Transmitter) Mode
Audio Output – Decoder (Receiver) Mode

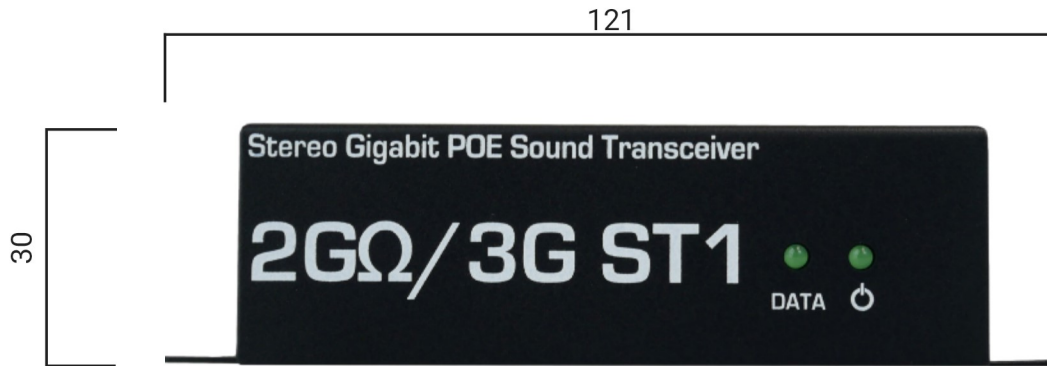
Set to Encoder (Transmitter) or Decoder (Receiver) mode by a jumper on the bottom of the device



OMEGA/ULTRA/MAXCOLOR Series ST1 (VBS-HDIP-ST1)

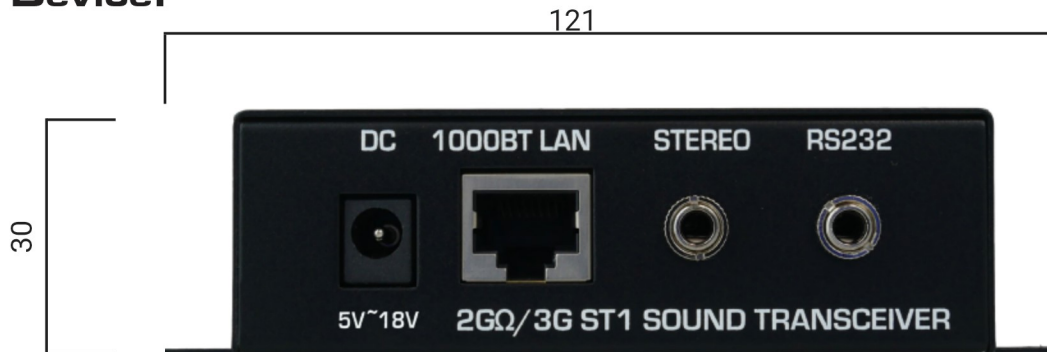
Just Add
Power
AV over IP Solutions

Front of Device:



All measurements in millimeters (mm)

Back of Device:



All measurements in millimeters (mm)

Specifications

Bandwidth	180-500 Mbps	POE	IEEE 802.3af (10W)
Compliance	RoHS/FCC/CE	Ports	Gigabit Ethernet Stereo In/Out 3.5mm RS232 w/ null modem
Dimensions & Weight	121x30x125mm/5.0x1.2x4.9 inch 0.27kg / 0.6 lb	Power Supply (not included)	5V-18V 3.5mm/2.1mm, positive tip
Encryption	AES-128 Encryption	Supported Audio	Stereo Audio 192kHz/24-bit
Operating Temp	0-60 °C / 32-140 °F		