

# 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

<b>Integrated Endpoint Control</b>	Control endpoints with RS232 & IR
<b>Scalability</b>	Fully compatible with all Ultra and Omega products
<b>Stereo Audio</b>	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

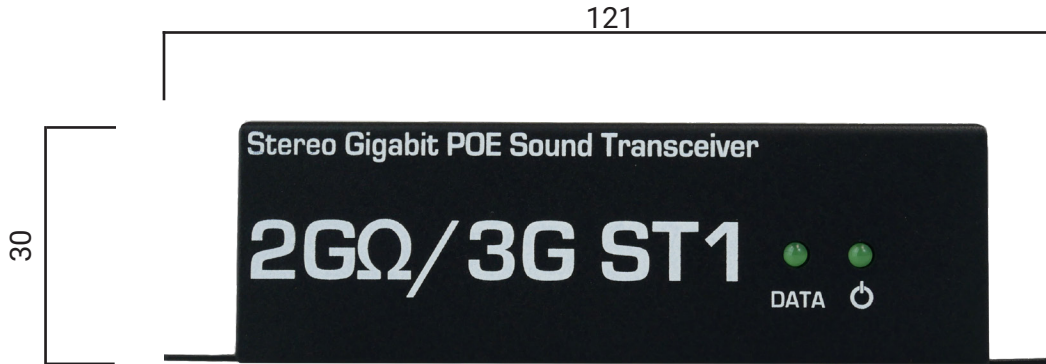
Set to Encoder (Transmitter) or Decoder (Receiver) mode by a jumper on the bottom of the device



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

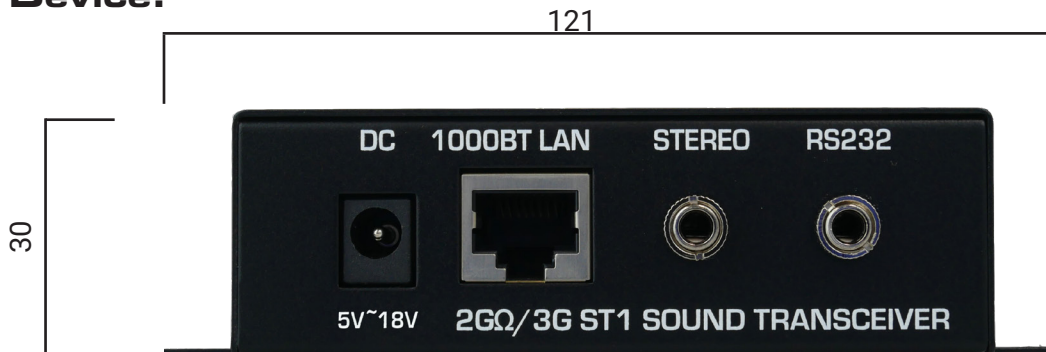
Just Add  
**Power**  
AV over IP Solutions

## Front of Device:



All measurements in millimeters (mm)

## Back of Device:



All measurements in millimeters (mm)

## Specifications

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