

AES67 2CH Bi-Directional USB Converter

AC22USB-AES67



DESCRIPTION

Taska AC22USB-AES67 is a AES67 2CH Bi-Directional USB Converter. It is designed to bridge seamless audio connections between AES67-standard networks and personal computing devices. It supports bidirectional 2x2 channel audio transmission, enabling both audio playback/capture via USB connections to computers or mobile devices and low-latency, high-fidelity audio interaction with other devices on the AES67 network. With dual power options (PoE or USB) and plug-and-play operation, it significantly simplifies the integration of personal devices into professional audio networks, making it an ideal solution for music production, live streaming, and conference systems.

PRODUCT FEATURES

- | Plug and play
- | USB audio output up to 192KHz@24bit, USB audio input up to 96KHz@24bit
- | 2 x 2 Channels audio Bidirectional conversion
- | Standard PoE supported (IEEE802.3af)
- | Control by AES67Link

SPECIFICATION

	Technical	
Network Audio Format	AES67	
USB Audio Input	Channels	2CH
	Sampling Rate	44.1kHz, 48kHz, 96kHz
	Bit Rate	16bit, 24bit
	Frequency Response	20Hz to 20kHz (-/+0dB)
	Dynamic Range	>100dB, 1kHzA-weighted
	S/N Ratio	>97dB, 1kHzA-weighted
	THD+N	< 0.01% at +4dBu, 1KHz
	Sync Delay	<1ms
USB Audio Output	Channels	2CH
	Sampling Rate	44.1kHz, 48kHz, 96kHz, 192kHz
	Bit Rate	16bit, 24bit
	Frequency Response	20Hz to 20kHz (-/+0dB)
	Dynamic Range	>100dB, 1kHzA-weighted
	S/N Ratio	>97dB, 1kHzA-weighted
	THD+N	< 0.01% at +4dBu, 1KHz
	Sync Delay	<1ms
	Connection	
Input/Output	1 x AES67 [RJ45, supporting PoE]; 1 x USB-C [USB 2.0, UAC]	
Control	1 x POWER [USB Power and USB 2.0 for MCU FW update only]	
	Mechanical	
Color	Black	
Dimensions	115mm [W] × 40mm [D] × 28mm [H]	
Weight	94g	
	Electrical	
Power Consumption	0.85W(Max)	
Power Supply	PoE (IEEE802.3af); USB-C (5V/500mA)	
	Environment	
Operating Temperature	-0°C ~ 40°C / 32°F ~ 104°F	
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F	
Operating Humidity	20~80% RH (Non-condensing)	
Storage Humidity	10~90% RH (Non-condensing)	