

NGTC-CRBIBOB – AES67 Bluetooth® and TV Interface

The NGTC-CRBIBOB is an universal Bluetooth®, TV Sound, analog audio in AES67 enabled audio interface for the Genesis Technologies™ audio distribution solution.

The NGTC-CRBIBOB features an API for navigation, configuration and management of the Bluetooth interface.

The NGTC DSP super modules by Genesis Technologies™ enable efficient design and deployment of NGTC audio network system featuring the highest levels of functionality and performance.



Key Features:

- Bluetooth® audio V5
- Bluetooth® sink or source mode
- Similar feature set as the NGTC-BTI
- Toslink or coax digital audio inputs
- Supports all audio formats
- Similar feature set as the NGTC-TVI2.0
- 2ch analog audio input and output
- Management API, LAN API interface
- AES67, LAN audio port
- PoE powered

Specifications:

Analog audio input/output

Type:	Analog Audio, Stereo Balanced and RF filtered
Gain:	0dB
Input Impedance:	>1.8K Ohm
Maximum Input Levels:	+23dbU @ 0dB gain

Digital audio input

Type:	TOSLINK
Format:	PCM, LPCM, DD, DTS up to 6 channels. Downmix to stereo

Bluetooth® audio

Type:	Bluetooth® V5 down to V1.1, Class 1.5
Frequency:	2.402 – 2.480 GHz
Function:	Two way audio communication

AES67 Network

Physical Level:	Standard Ethernet
Connector:	Single RJ-45
Cable Quality:	CAT-5/6/7
Transmission Speed:	100 Mbps

Power and dimensions:

Mains voltage:	PoE on AES67 port
Power consumption:	< 6 Watt
BTU rating:	< 22 BTU / hr
Operation temperature range:	5° to 30°C
Dimensions (H x W x D):	35 x 109 x 103mm
Weight:	< 0.2kg