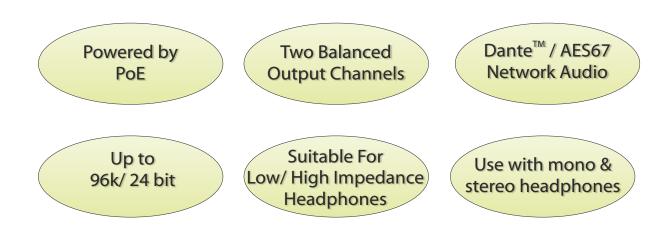




VIRGIL OB

Outside Broadcast Headphone Amplifier With Dante[™] / AES67 Network Audio Interface & Local Audio Outputs

Highlights



Overview

Virgil was the Roman poet who guided Dante through Hell and Purgatory, the Glensound Virgi IOB is a clever little headphone amplifier for providing crystal clear audio into studio & broadcast headphones.

Packaged in a small & robust format and designed for outside broadcast & theatre applications wherever a headphone circuit or analogue output is required, the Virgil provides a simple interface between Dante[™] / AES67 network audio systems and users headphones or other analogue audio equipment



The Virgil OB encompasses our unique headphone amplifier circuit which automatically provides the correct output level to match the impedance of the attached headphones (to produce the same volume high impedance headphones require a much greater output level than low impedance).

www.glensound.com

Network Audio Headphone Amplifier with 2 x Analogue Audio Outputs





Features

Virgil OB receives 2 x audio circuits from a Dante^M/AES67 network and routes one to the left and the other to the right channel of the headphone amplifier. A front panel volume control allows the user to adjust the output volume of the headphones.

The 2 incoming audio circuits are also presented on a pair of balanced analogue audio XLRs on the rear of the unit. A switch on the side sets these outputs to be Pre or Post Fade of the front panel level control.

The Virgil OB is housed in a robust but lightweight aluminium casing that has been proven to withstand the rigours of life on the road. It also features a hardwearing beltclip allowing the unit to be quickly and securely attached to both people and infrastructure.

As well as being suitable for low & high impedance headphones our unique headphone amplifier circuit can be connected to both stereo headphones & mono earpieces, making

Specification

AUDIO	Balanced Output Impedance
Headphone Impedance	+<50 Ohms
32 to 1000 Ohms	Maximum Balanced Output Level
(Auto output level to match impedance)	+18dBu
Maximum Headphone Output	Balanced Output Frequency Response
+15.8dB into 600 Ohms	>= -0.1dB 22Hz to 22kHz
Headphone Frequency Response	Balanced Output Noise
>= -0.1dB 22Hz to 22kHz	-74dB @ lineup (residual noise)
Headphone Noise	Balanced Out THD + Noise (ref =8dBu)
-74dB @ lineup (residual noise)	0.008% @ 1kHz
Headphone THD + Noise (ref =8dBu)	OTHER
0.008% @ 1kHz	
Headphone Volume Pot Range	Dante/ AES67 Network Interface
+10dB to -20dB (standard)	Sample Frequency: 48 - 96kHz
+10dB to Off (to special order)	Resolution: 24 Bit
Output Power	DDM Certified
1 Watt	Dimensions
Headphone Jacks	42 x 101 x 103mm (H x W x D)
1 x 6.35mm (1/4") & 1 x 3.5mm Stereo Sockets	Weight
Suitable for both stereo & mono headphones	200g
Audio Inputs	Power Input
2 off, 1 routed to left, 1 routed right	Power Over Ethernet (PoE)
Full Scale	Power Consumption
0dBFs = +18dBu	<2 Watts

Glensound Keeps Working