

Studio Grade Headphone Amplifier With Dante Network Audio Interface



VIRGIL

Dante Headphone Amplifier

Highlights

Powered by PoE

Two Audio Input Channels

Dante Network Audio

Up to 96k/ 24 bit

Suitable For Low/ High Impedance Headphones

Use with mono & stereo headphones

Overview

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

Packaged in a small & robust format and designed to be permanently mounted in studios wherever a headphone circuit is required, the Virgil provides a simple interface between Dante network audio systems and users headphones.

The Virgil 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).



VIRGIL

Features

Virgil receives 2 x audio circuits from a Dante 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.

Three mounting holes are supplied to enable the Virgil to be mounted underneath a studio desk in a suitable location for the users headphones. Needing just 1 single network cable to carry both power & audio to the Virgil makes installation very simple.

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 the Virgil suitable for driving television presenters ear pieces.

Specification

AUDIO

- Headphone Impedance**
32 to 1000 Ohms
(Auto output level to match impedance)
- Maximum Headphone Output**
+15.8dB into 600 Ohms
- Headphone Frequency Response**
>= -0.1dB 22Hz to 22kHz
- Headphone Noise**
-74dB @ lineup (residual noise)
- Headphone THD + Noise (ref =8dBu)**
0.008% @ 1kHz
- Headphone Volume Pot Range**
+10dB to Off (+10dB to -20dB configuration option)
- Output Power**
1 Watt
- Headphone Jacks**
1 x 6.35mm (1/4") & 1 x 3.5mm Stereo Sockets
Suitable for both stereo & mono headphones
- Audio Inputs**
2 off, 1 routed to left ear, 1 routed to right ear

OTHER

- Dante Network Interface**
Sample Frequency: 48 - 96kHz
Resolution: 24 Bit
- Dimensions**
86 x 32 x 104mm (W x H x D)
- Weight**
125g
- Power Input**
Power Over Ethernet (PoE)
- Power Consumption**
<2 Watts