



VIRGIL
Studio Grade Headphone Amplifier With
Dante Network Audio Interface

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 do low impedance headphones.



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 -20dB (standard)
+10dB to Off (to special order)

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

ENVIRONMENTAL

Operating Temperature

0 to +50 °C (32° to 122°F)

Storage Temperature

-20 to +70 °C (-4° to 158°F)

Relative Humidity

0 to 95% non-condensing