

Digital Network Audio Processor HT-D1000



HT-D1000

Network audio processor is a closed-loop feedback control system, which can make the PLL output keep the fixed phase relationship with a reference signal. The processor include discriminator, charge amplifier, and low pass filter, voltage control oscillator and output converter, which can completely avoid network duplex echo.

Network audio processor equipped with USB terminal, efficient implementation reduces network inherent noise, inhibition of multi-party conference echo, and this product is widely used in local conference and teleconference to eliminate feedback and echo.

Features

- ◆ Echo cancellation, completely eliminate echo, and transmit the local signal at the same time, support fully duplex at any time.
- ◆ Acoustic feedback howling suppression
- ◆ The unique dynamic adaptive noise filter can filter out background noise but does not affect the speaker's voice; thereby improving the signal to noise ratio, improve the sound quality.
- ◆ The most advanced signal processing. It can be used for network conference, audio and video teleconference. Fully adaptive conference equipments, without the system debugging.
- ◆ Powered by computer USB interface, no need other extra power.

Specification

Character	Sampling rate
Single chip USB interface	Analog/Digital converter:32, 44.1, 48kHz
Immediately audio generator	Analog/Digital converter: 8,11.025,16,22.05,32,44.1,48kHz
Full Compliance with USB1.1	Single power supply: 5V
With programming, local descriptor	Analog/Digital converter: 8,11.025,16,22.05,32,44.1,48kHz
USB repeat adaptation mode	THD+Noise=0.01%
USB record asynchronous mode	SNR=89dB
USB bus 5V power supply	Dynamic range=89dB