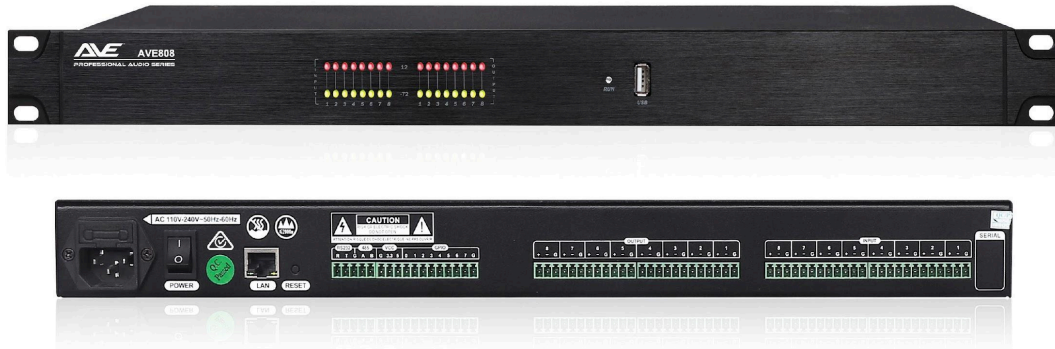


AVE0808

8 input 8 output Matrix Digital Audio Processor



Fuction :

The device can support 8-in-8-out analog channels and 1-way USB extended recording and broadcasting channels. It has built-in feedback / echo cancellation, noise suppression and other algorithms, and supports multiple scenes. The interface can manage multiple devices at the same time, which is suitable for conference room, classroom, court and other small and medium-sized non-public broadcasting on-site amplification and recording and other application requirements. Simple operation and powerful performance:

Comprehensive matrix mixing, 24bit/48KHz Sampling frequency, High performance A/D, D/A converter and 32-bit floating-point DSP processor.

Efficient algorithm processing: The input port processing includes signal generator, gain regulator, expander, compressor, equalizer, grouping control, etc.; the output port processing includes frequency divider, equalizer, time delay, gain adjustment, limiter, grouping control, etc.; there are also core algorithms of automatic mixing (AM), automatic gain (AGC), feedback suppression (AFC), echo cancellation (AEC), and automatic noise reduction (ANS).

Rich interface extension: GPIO control interface supporting 8-channel custom input and output, level supporting external input 3.3V, USB interface supporting recording and broadcasting function, RS232 and RS485 control interface.

Support a variety of scene preset, scene saving and other functions, user-friendly operation software interface.

The user software supports Windows platform client

Specification :

Input impedance: 20K Balance output

Maximum input level: 18dBu

Microphone Sensitivity : 0dBu, -6dBu, -12dBu, -18dBu, -24dBu, -32dBu, -36dBu, -42dBu

Output impedance: 40 Balance output

Maximum output level: 18dBu

Frequency response: $\pm 0.5\text{dB}@20\text{Hz}-20\text{KHz}$

THD: 0.003% $@1\text{KHz}$ 6dBu

S/N Ratio: $<-87\text{dBu}$

EQ: 5-Band input, 8-Band output

Output delay: 0-2000ms, Increment 100us
High-Shelf EQ frequency range: 20Hz-20KHz
High-Shelf EQ frequency range: +/-15dB, Increment 0.1dB
Low-Shelf EQ frequency range: 20Hz-20KHz
Low-Shelf EQ frequency range: +/-15dB, Increment 0.1dB
High pass type: Butterworth, Bessel, Linkwitz-Riley
High pass ratio: 6, 12, 18, 24, 32, 36, 42, 48(dB/Octave)
High pass range: 20Hz-20KHz
Low pass type: Butterworth, Bessel, Linkwitz-Riley
Low pass ratio: 6, 12, 18, 24, 32, 36, 42, 48(dB/Octave)
Low pass range: 20Hz-20KHz
Compression threshold: 0dB~ -72dB, Increment 0.1dB
Compression ratio: 1-20
Compression attack time: 5-1000m
Compression release time: 5-1000m
Compression gain compensation: -24dB~30dB
Input A/D transformation: 24bit
Ourput D/A transformation: 24bit
Sampling rate: 48KHz
Power supply: 100-240V AC@50/60Hz 30W
Connector: Phoenix socket
Net weight: 2.55KG (8 in 8 out)
Gross weight: 3.4KG (8 in 8 out)
Size (Length*Wide*High) 483mmX210mmX45mm

AD-8KZQ

Scene controller



Function:

The scene controller interface is composed of four modules: input volume adjustment, output volume adjustment, archive call function, and device information. It has detailed information such

as IP address, CPU utilization rate, boot time, etc.; it has the function of muting each channel and system mute; it can switch between Chinese and English interfaces.

Specification :

LCD display

Type: TFT LCD screen

Backlight tube: LED

Brightness (cd/m^2) : 300

Backlight life (h) : >20000

Contrast ratio : 500:1

Visual angle (L/R/T/B) : 70/70/50/70

Touch screen panel

Type: Resistance touch screen

Touch mode: Single point, sliding touch

Light transmittance : >80%

Touch times: Single point 1 million times

Size: 5.0 inch

Resolving power: 800*480
