



DAC Headphone Amplifier & Preamplifier

S3

- High-performance DAC-ESS ES9026PRO



www.kecesaudio.com

【Feature】

1. High Quality Toroidal Power Transformer.
2. High-performance DAC-ESS ES9026PRO.
3. USB DAC: PCM 32 bit/384kHz and DSD DSD64(DoP)/DSD128 (DoP)
DSD64/DSD128/DSD256 (ASIO Native) ◦
4. COAXIAL/OPTICAL DAC: PCM 24 bit/192kHz and DSD DSD64(DoP) ◦
5. Placed Balanced/Unbalanced Headphone output: Max Output Power
2000mW + 2000mW@32ohms.
6. Placed RCA/XLR Input/Output interface: Could be a Preamplifier.
7. Volume Control System: 128 step attenuator. Accurate control volume to
achieve left/right channel balanced.
8. Isolation circuit: Completely separates the grounding of the digital and
analog sections.
9. Volume/Source/Sampling display using OLED has excellent visibility.
10. The 4mm thickness of the aluminum chassis to effective to blocks EMI/RFI
interference.
11. The full-metal body realizes both vibration control and elegant style in an
A4-size body that enables placement on a desktop to be a PC HIFI system or
to be a small stereo system.

KECES S3 Specification:

Digital Input:

COAXIAL: PCM support up to 16-24Bit /44.1kHz、48kHz、88.2kHz、96kHz、176.4kHz、192kHz. DSD support up to DSD64 (DoP).

OPTICAL: PCM support up to 16-24Bit/44.1kHz、48kHz、88.2kHz、96kHz、176.4kHz、192kHz. DSD support up to DSD64 (DoP).

USB: PCM support up to 16-32Bit/44.1kHz、48kHz、88.2kHz、96kHz、176.4kHz、192kHz、352.8kHz、384kHz. DSD support up to DSD64(DoP)/DSD128 (DoP) DSD64/DSD128/DSD256 (ASIO Native)

Analog Input:

XLR: Input Impedance: 47k Ω .
Max Input Level: 10Vrms.
Input/Output Gain: 0dB

RCA: Input Impedance: 47k Ω .
Max Input Level: 5Vrms.
Input/Output Gain: 0dB

Analog Output:

XLR: SNR: $> -122\text{dB}$ 20Hz-20kHz A-Weighting.
THD+N: $< 0.0004\%$ at 1kHz A-Weighting.
Frequency Response: 20Hz-20kHz(+0dB/-0.09dB).
Channel Crosstalk: $> -124\text{dB}@1\text{kHz}$.
XLR output: 0-4Vrms Adjustable at 0dBFS.

RCA: SNR: $> -119\text{dB}$ 20Hz-20kHz A-Weighting.
THD+N: $< 0.0007\%$ at 1kHz A-Weighting.
Frequency Response: 20Hz-20kHz (+0dB/-0.03dB).
Channel Crosstalk: $> -122\text{dB}@1\text{kHz}$.
RCA output: 0-2Vrms Adjustable at 0dBFS.

Headphone Output:

XLR_4PIN: SNR: $> -120\text{db}$ 20Hz-20kHz A-Weighting.

THD+N: $< 0.00115\%$ at 1kHz A-Weighting at 300ohms 100mW.

Frequency Response: 20Hz-20kHz (+0dB/-0.09dB).

Output Impedance: 0.6ohms.

Output Power: 2000mW at 32ohms at THD+N=0.1%.

1200mW at 300ohms at THD+N=0.1%.

650mW at 600ohms at THD+N=0.1%.

6.35mm: SNR: $> -108\text{db}$ 20Hz-20kHz A-Weighting.

THD+N: $< 0.0015\%$ at 1kHz A-Weighting at 300ohms 100mW.

Frequency Response: 20Hz-20kHz (+0dB/-0.09dB).

Output Impedance: 0.6ohms.

Output Power: 1200mW at 32ohms at THD+N=0.1%.

350mW at 300ohms at THD+N=0.1%.

175mW at 600ohms at THD+N=0.1%.