

U-05-S

USB DAC with Built-in Headphone Amplifier, Featuring SABRE³² Ultra DAC and Asynchronous Transfer



D/A CONVERTER FEATURES

- › 8ch Parallel Drive with SABRE³² Ultra DAC (ES9016S x 2)
- › USB Input (PCM): 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 kHz (16, 24, 32 bit)
- › USB Input (DSD): 2.8 MHz, 5.6 MHz
- › COAXIAL/OPTICAL/AES/EBU Input: 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16, 24 bit)
- › Minimum Jitter with Asynchronous Transfer
- › Digital Filter with 3 Modes (SHARP/SLOW/SHORT)
- › Lock Range Adjust Function for Reducing Jitter by Adjusting Lock Range Accuracy
- › DIRECT Mode for Faithful Reproduction of Original Sound
- › Audio Scaler for up to 384 kHz/32-bit Upsampling

HEADPHONE AMPLIFIER FEATURES

- › Shielded Power Transformer with Independent Winding, Isolated Power and Digital/Analogue Blocks
- › Full Balance Circuit for Minimum Noise
- › Discreet Circuit Adopted for High-Quality Sound Tuning
- › Balanced Headphone Terminal (XLR3/XLR4) x 2 Compatible with Recabled Headphones, Unbalanced Headphone Terminal (STD) x 1
- › Fine Adjust Volume Control
- › Gain Switch for Using Headphones with Different Impedance

AUDIO PERFORMANCE AND VARIOUS OTHER FEATURES

- › Digital Isolator for Reducing USB Block Noise
- › Highly Renowned NEUTRIK Balance Terminals and Machined RCA Terminals
- › High-Grade Parts Including Pioneer Custom Power Capacitor
- › Variable/Fix Volume Selectable Analogue Output (XLR3/RCA) for Pre-Amp Function
- › Phase Switch Feature for Line Output
- › Low Centre of Gravity Design with Heavy and Robust Chassis
- › Screw-less Flat Design with Aluminium Front, Top, and Side Panels
- › Dedicated Remote for Volume and Tone Control
- › Front Display for Detailed Source Information
- › Auto Power Down

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CONNECTIONS

REAR PANEL



U-05-S/SYXE8

FRONT TERMINALS

- › Phones Outputs: Unbalanced (STD) x 1, Balanced (XLR3) x 1, Balanced (XLR4) x 1
 - Max Output: Unbalanced (STD): 180 mW + 180 mW (32 ohms), Balanced (XLR3/XLR4): 300 mW + 300 mW (32 ohms)
 - Opt Load Impedance: 16 -600 ohms
 - Frequency Response: 4 Hz-80 kHz (-3.0 dB)
 - THD + N (Output Power -3 dB): Unbalanced (STD) 0.01 %, Balanced (XLR3/XLR4) 0.004 %
 - S/N Ratio (A-Weight): Unbalanced (STD): 106 dB, Balanced (XLR3/XLR4): 113 dB

SPECIFICATIONS

- › Power Requirements: AC 220-230 V, 50/60 Hz
- › Power Consumption/Standby: 35 W/0.27 W
- › Dimensions (W x H x D): 296 x 101 x 271 mm
- › Weight: 6.3 kg

REAR TERMINALS

- › Digital Inputs: USB (type B) x 1, Coaxial x 2, Optical x 2, AES/EBU (XLR3) x 1
- › Analogue Outputs: Unbalanced (RCA) x 1, Balanced (XLR3) x 1 (with Output Level Fix/Variable Switch and Phase Switch)
 - Output Voltage/Impedance: Unbalanced (RCA) 2.4 V/100 ohms, Balanced (XLR3) 4.4 V/100 ohms
 - Frequency Response: 4 Hz-100 kHz (-3.0 dB)
 - THD + N: Unbalanced (RCA) 0.0012 %, Balanced (XLR3) 0.0007 %
 - S/N Ratio (A-weight): Unbalanced (RCA): 114 dB, Balanced (XLR3): 117 dB
 - Dynamic Range: 16 bit: 96 dB, 24 bit, 32 bit: 118 dB

INTEGRATED TECHNOLOGIES



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System requirements: Windows XP/Windows Vista/Windows 7/Windows 8/Windows 8.1, Mac OS X (10.7, 10.8, 10.9) for DSD.

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