

N-05XD



SPECIFICATIONS



Network DAC / Preamplifier

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Spec description

Digital audio inputs	
XLR	1
Input Level	5.0Vp-p
Input Impedance	110 Ω
Input signal formats	
Linear PCM	32k to 192kHz, 16bit / 24bit (AES/EBU format)
DSD	2.8MHz (ES-LINK1, ES-LINK2, DoP format)
RCA	2
Input Level	0.5Vp-p
Input Impedance	75 Ω
Input signal formats	
Linear PCM	32k to 192kHz, 16bit / 24bit (IEC60958 format)
DSD	2.8MHz (DoP format)
Optical	2
Input Level	-24.0 to -14.5dBm peak
Input signal formats	
Linear PCM	32k to 192kHz, 16bit / 24bit (IEC60958 format)
DSD	2.8MHz (DoP format)
USB	1 (USB B connector)
Input signal formats	
Linear PCM	44.1k to 384kHz, 16bit / 24bit / 32bit

DSD	2.8MHz, 5.6MHz, 11.2MHz, 22.5MHz
ETHERNET	1 (1000BASE-T)
Input signal formats	
Linear PCM	44.1k to 384kHz, 16bit / 24bit / 32bit (stereo) · Only integer format file supported
DSD	2.8MHz, 5.6MHz, 11.2MHz, 22.5MHz (stereo)
Supported file formats	
PCM Lossless	FLAC, Apple Lossless (ALAC) , WAV, AIFF, MQA
DSD Lossless	DSF, DSDIFF (DFF) , DoP
Compressed audio	MP3, AAC (m4a container)
USB DRIVE	2 (Front, Rear)
Supported file system	FAT32, exFAT, NTFS, Single partition, USB2.0 or later recommended
Maximum power supply	0.5A
Input signal formats	
Linear PCM	44.1k to 384kHz, 16bit / 24bit / 32bit (stereo) · Only integer format file supported at 32bit
DSD	2.8MHz, 5.6MHz, 11.2MHz, 22.5MHz (stereo)
Supported file formats	
PCM Lossless	FLAC, Apple Lossless (ALAC) , WAV, AIFF, MQA
DSD Lossless	DSF, DSDIFF (DFF) , DoP
Compressed audio	MP3, AAC (m4a container)
Analog audio inputs	
XLR	1 pair (L/R)
Input Impedance	50k Ω
Maximum Input Voltage	8Vrms
RCA	1 pair (L/R)
Input Impedance	25k Ω
Maximum Input Voltage	4Vrms
Analog audio outputs	
ESL-A	1 pair (L/R)

Output Impedance	220 Ω
Maximum Output Level	5.0Vrms (PCM Full-scale signal input, Analog output level setting: FIX)
ESL-A PRE-OUT	1 pair (L/R)
RCA	1 pair (L/R)
Output Impedance	60 Ω
Maximum Output Level	2.5Vrms (PCM Full-scale signal input, Analog output level setting: FIX)
Bluetooth® section	
Version	4.0
Supported profile	A2DP, AVRCP
Supported A2DP codec	LDAC, LHDC, aptX™ HD audio, aptX™ audio, AAC, SBC
Headphone out section	
Balanced	4-pin XLR × 1
Output Power	1500mW + 1500mW (at 32 Ω load)
Compatible Impedance	16 to 600 Ω
Unbalanced	¼" (6.3mm) Standard Phone jack × 1
Output Power	750mW + 750mW (at 32 Ω load)
Compatible Impedance	16 to 600 Ω
Clock sync section	
Clock Input	BNC × 1
Input frequency	10MHz (±10ppm)
Input impedance	50 Ω
Input level	
Rectangular wave	TTL level or equivalent
Sine wave	0.5 to 1.0Vrms
External control section	
RS-232C	× 1
Trigger In	⅜" (3.5mm) Monaural mini jack × 1
Input level	
Trigger Out	⅜" (3.5mm) Monaural mini jack × 1

Output level	
General	
Power	
	AC 120V, 60Hz
	AC 220 - 240V, 50Hz
Power consumption	38W
Overall dimensions (W × H × D)	445 × 131 × 377mm / 17- ⁵ / ₈ " × 5- ¹ / ₄ " × 14- ⁷ / ₈ " (including protrusions)
Weight	13.8kg / 30.5 lb.
Included accessories	Power cord × 1 Remote control unit (RC-1334) × 1 AA batteries × 2 Felt mats × 3 Owner's manual × 1

Audio Performance

Frequency response	5Hz to 75kHz (-3dB)
S/N ratio	105dB
Distortion	0.0015% (1kHz)

* Design and specifications are subject to change without notice.

