

N-50A-K/-S

Audiophile Network Audio Player Featuring Twin Transformers, Twin SABRE³² Ultra DAC, USB-DAC with up to 192 kHz LPCM and 2.8/5.6 MHz DSD Playback, AirPlay, DLNA, Spotify, and vTuner



N-50A-K

CONSTRUCTION & DESIGN

- › Twin Transformers for Digital and Analogue Power Supply
- › Machined RCA Terminals
- › Rigid Under Base

NETWORK FEATURES

- › Apple AirPlay Certified
- › DLNA Certified™ (1.5)
- › Compatible with Windows® 8.1
- › Internet Radio (vTuner)
- › Spotify® Digital Music-Streaming Service Ready

AUDIO FEATURES

- › 2ch Parallel Drive with SABRE³² Ultra DAC (E59011S x 2)
- › DSD 2.8/5.6 MHz Playback
- › USB-DAC (up to 192 kHz/32-bit LPCM, 5.6 MHz DSD)
- › DIRECT Mode for Faithful Reproduction of Original Sound
- › Hi-bit32 Audio Processing
- › Up-Sampling
- › Auto Sound Retriever
- › Auto Level Control
- › Gapless Playback (WAV/FLAC/AIFF/ALAC)
- › Digital Output On/Off Switch to Prevent Digital Noise Effect on Analogue Audio

CONNECTIVITY & CONTROL

- › Compatible with External HDD and USB Memory via Front/Rear USB*1
- › iPod Digital Transmission via USB
- › Ready for Pioneer ControlApp (for iPhone/iPod touch, for Android)*2
- › Wireless LAN Ready (with AS-WL300 Optional LAN Convertor)

CONVENIENCE

- › 3.5" Full-Colour LCD Display for Album Artwork and Song Information
- › Dimmer
- › Auto Power Off
- › Firmware Update (USB)

USB A/NETWORK PLAYABLE FORMATS

Format	Extension		
MP3*	.mp3	Sampling Frequency	32/44.1/48 kHz
		Quantization Bit Rate	16 bit
		Channels	2
		Bit Rate	8-320 kbps
		VBR/CBR	Supported/Supported
LPCM	—	Sampling Frequency	32/44.1/48/88.2/96/176.4/192 kHz
		Quantization Bit Rate	16 bit
		Channels	2
WAV	.wav	Sampling Frequency	32/44.1/48/88.2/96/176.4/192 kHz
		Quantization Bit Rate	16 bit/24 bit
		Channels	2
WMA	.wma	Sampling Frequency	32/44.1/48 kHz
		Quantization Bit Rate	16 bit
		Channels	2
		Bit Rate	5-320 kbps
		VBR/CBR	Supported/Supported
AAC	.m4a .aac .3gp .3g2	Sampling Frequency	32/44.1/48 kHz
		Quantization Bit Rate	16 bit
		Channels	2
		Bit Rate	16-320 kbps
		VBR/CBR	Supported/Supported
Apple Lossless	.m4a .mp4	Sampling Frequency	32/44.1/48/88.2/96 kHz
		Quantization Bit Rate	16 bit/24 bit
		Channels	2
FLAC	.flac	Sampling Frequency	32/44.1/48/88.2/96/176.4/192 kHz
		Quantization Bit Rate	16 bit/24 bit
		Channels	2
AIFF	.aif .aiff	Sampling Frequency	32/44.1/48/88.2/96/176.4/192 kHz
		Quantization Bit Rate	16 bit/24 bit
		Channels	2
DSD	.dff .dsf	Sampling Frequency	2.8224/5.6448 MHz
		Quantization Bit Rate	1 bit
		Channels	2

* MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson Multimedia

USB-DAC Playable Formats

Format	Extension		
LPCM	—	Sampling Frequency	32/44.1/48/88.2/96/176.4/192 kHz
		Quantization Bit Rate	16 bit/24 bit/32 bit
		Channels	2
DSD	.dff .dsf	Sampling Frequency	2.8224/5.6448 MHz
		Quantization Bit Rate	1 bit
		Channels	2



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*1 Supports HDD/USB memory formatted with FAT32. Not guaranteed to work with all HDD/USB memory devices.

*2 Available for free download from the App Store for iPhone/iPod touch, from the Google Play™ Store for Android.

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CONNECTIONS

REAR PANEL



N-50A-K/SYXEV8

TERMINALS

- > USB 2 In (1 Front, 1 Rear) Type A, for iPod/iPhone/USB Drive/HDD
- > USB-DAC 1 In (Type B)
- > Ethernet 1 In
- > Analogue Audio 1 Out (1 Pair Gold-Plated RCA)
- > Digital Coaxial 1 In (Gold-Plated)/1 Out (Gold-Plated)
- > Digital Optical 1 In/1 Out
- > Control Out for Operating Connected Devices with Pioneer ControlApp

SPECIFICATIONS

- > Power Requirement: AC 220-240 V, 50/60 Hz
- > Power Consumption: 38 W
- > Power Consumption During Standby: 0.3 W (2.0 W Network Standby On)
- > Dimensions: 435 x 99 x 331 mm
- > Weight: 7.5 kg

INTEGRATED TECHNOLOGIES



Pioneer ControlApp image during playback



Remote Control

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