

# N-70A-K/-S



N-70A-K

## CONSTRUCTION & DESIGN

- › Three-Chamber Shielded Chassis Isolates Power Supply for Digital Block, Digital Circuit, and Power Supply for Analogue Block/Analogue Circuit
- › Twin Transformers in Separate Shield Cases
- › High-Grade Parts Including Custom Capacitors for Power Supply and Machined RCA Terminals
- › Rigid Under Base
- › Aluminium Front and Side Panels

## 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

- › 8ch Parallel Drive with SABRE<sup>32</sup> Ultra DAC (ES9016S x 2)
- › DSD 2.8/5.6 MHz Playback
- › USB-DAC (up to 384 kHz/32-bit LPCM, 5.6 MHz DSD)
- › Headphone Amplifier with Texas Instrument TPA6120
- › DIRECT Mode for Faithful Reproduction of Original Sound
- › Hi-bit32 Audio Processing
- › Up-Sampling up to 384 kHz
- › Digital Filter with 3 Modes (SHARP/SLOW/SHORT)
- › Auto Sound Retriever
- › Auto Level Control
- › Lock Range Adjust Function for Reducing Jitter by Adjusting Lock Range Accuracy
- › 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 Converter)

## 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	32/44.1/48/88.2/96/176.4/192/352.8/384 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



N-70A-S

\*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.

# N-70A-K/-S

## CONNECTIONS

REAR PANEL



N-70A-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
- > Phones 1 Out
- > Analogue Audio 2 Out (1 Pair Gold-Plated RCA, 1 Pair Balanced)
- > Digital Coaxial 1 In (Gold-Plated)/1 Out (Gold-Plated)
- > Digital Optical 1 In/1 Out
- > Control App for Operating Connected Devices with Pioneer ControlApp

## SPECIFICATIONS

- > Power Requirement: AC 220-240 V, 50/60 Hz
- > Power Consumption: 45 W
- > Power Consumption During Standby: 0.3 W (2.0 W Network Standby On)
- > Dimensions: 435 x 121 x 338 mm
- > Weight: 11.5 kg

## INTEGRATED TECHNOLOGIES

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