

Specification

General Specifications

Model	SP3000M
Body Color	Black
Body Material	Aluminum
Display	4.1inch HD 720 x 1280 touch screen
Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE, AAC, ALAC, AIFF, DFF, DSF
Sample rate	PCM : 8kHz ~ 768kHz (8/16/24/32bits per Sample) DSD : DSD64(1bit 2.8MHz), Stereo / DSD128(1bit 5.6MHz), Stereo / DSD256(1bit 11.2MHz), Stereo DSD512(1bit, 22.4MHz), Stereo
Output Level	Unbalanced 3.3Vrms Balanced 6.3Vrms (Condition No Load)
CPU	Octa-core
DAC	AKM AK4191EQ x2 & AK4499EX x4
Decoding	Support up to 32bit / 768kHz playback
Input	USB Type-C input (for charging & PC & MAC)
Outputs	Unbalanced Out (3.5mm), Balanced Out 4.4m (only 5-pole supported)
Wi-Fi	802.11 a/b/g/n/ac (2.4/5GHz)
Bluetooth	V5.0 (A2DP, AVRCP, Qualcomm® aptX™ HD, LDAC, LHDC)
Dimensions	2.72" (69.1mm)[W] x 4.70" (119.6mm)[H] x 0.74" (18.8mm)[D]
Weight	Aluminum about 8.36oz (237g)
Feature Enhancements	Firmware upgrade supported (OTA)
Operating Temperature	0°C ~ + 40°C (32°F~ 104°F)

Audio Specifications

Frequency Response	±0.020dB (Condition : 20Hz~20kHz) Unbalanced ±0.025dB (Condition : 20Hz~20kHz) Balanced ±0.032dB (Condition : 20Hz~70kHz) Unbalanced ±0.025dB (Condition : 20Hz~70kHz) Balanced
S/N	126dB @ 1kHz, Unbalanced 130dB @ 1kHz, Balanced

Crosstalk	-140dB @ 1kHz, Unbalanced -144dB @ 1kHz, Balanced
THD+N	0.0005% @ 1kHz, Unbalanced 0.0003% @ 1kHz, Balanced
IMD SMPTE	0.0004% 800Hz 10kHz (4:1) Unbalanced Balanced
Output Impedance	Unbalanced Out 3.5mm (0.6ohm) Balanced Out 4.4mm(1.2ohm)

Clock Source

Clock Jitter	25pS (Typ)
Reference Clock Jitter	200 Femto Seconds

Storage Capacity

Built-in Memory	256GB [NAND]
External Memory	microSD x1 (Max. 1.5TB)

Battery

Capacity	4,200mAh 3.8V Li-Polymer
Charge Time	about 3.5hours (QC3.0 Charging)
Playback Time	about 10hours (Standard : FLAC, 16bit, 44.1kHz, Vol.80, LCD Off, Low Gain)

Supported OS

Supported OS	Windows 10,11(32/64bit) MAC OS X 10.7
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Etc.

- Audio spec. is measured at low gain.
 - Auto mute is not used when measuring audio quality
 - The image/specification may be changed without notice to improve product performance and quality.
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