

Technische Daten

General Specifications	
Product Name	SP4000
Body Color	Silver, Black
Body Material	Stainless Steel 904L
Display	6inch 2K 2160x1080 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 4.1Vrms Balanced 8.2Vrms (Condition No Load)
CPU	Octa-core
DAC	AK4191EQ x4 & 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 4.4mm (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	3.34" [85mm] [W] x 5.89" [149.8mm] [H] x 0.76" [19.5mm] [D]
Weight	about 21.7oz (615g)
Feature Enhancements	Firmware upgrade supported (OTA)
Operating Temperature	0°C - + 40°C (32°F - 104°F)
Audio Specifications	
Frequency Response	±0.006dB (Condition : 20Hz-20kHz) Unbalanced ±0.006dB (Condition : 20Hz-20kHz) ±0.06dB (Condition : 20Hz-70kHz) Unbalanced ±0.06dB (Condition : 20Hz-70kHz) Balanced
S/N	129dB @ 1kHz, Unbalanced 131dB @ 1kHz, Balanced
Crosstalk	-136dB @ 1kHz, Unbalanced -145dB @ 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 (0.7ohm) Balanced Out 4.4mm(1.7ohm)
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	6,780mAh
Charge Time	about 5hours (QC3.0 Charging)
Playback Time	about 10hours (Standard : FLAC, 16bit/44.1kHz, Vol.50, LCD Off)
Supported OS	
Supported OS	Windows 10,11 32/64bit MAC OS X 10.7
SAR	Body 10g(W/kg) WLAN 2.4GHz : 0.707