

Technische Daten

General Specifications	
Product Name	SP4000T
Body Color	Silver, Copper
Body Material	Stainless Steel, Copper
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 4.2Vrms Balanced 8Vrms (Condition No Load)
CPU	Octa-core
DAC	AK4191EQ x2 & AK4499EX x2
Vacuum Tube	RAYTHEON JAN6418 x4 (Quad Tube)
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/ax (2.4/5GHz)
Bluetooth	V5.2 [A2DP, AVRCP, Qualcomm® aptX™ HD, LDAC, LHDC]
Dimensions	3.37"[85.7mm] x 5.9"[150mm] x 0.76"[19.5mm]
Weight	About 19.9oz(565g)
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	124dB @ 1kHz, Unbalanced 125dB @ 1kHz, Balanced
Crosstalk	-136dB @ 1kHz, Unbalanced -145dB @ 1kHz, Balanced
THD+N	0.0006% @ 1kHz, Unbalanced 0.0004% @ 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	7,450mAh 3.8V Li-Polymer
Charge Time	about 5hours (PD3.0 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