

THE EVOLUTION OF A MASTERPIECE **AK380**

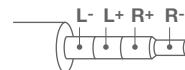
32bit/384kHz Bit to Bit Playback
Extendible Docking connector
Metal-touch sensor Home button

Native DSD Playback
VCXO Clock(0.2ps)
20Band EQ/0.1dB steps



AK380 with
detachable AMP
(optional)

General Specifications	Display	4" WVGA(480 x 800) Touch Screen
	Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE(Normal, High, Fast), AAC, ALAC, AIFF, DFF, DSF
	Sample rate	PCM: 8kHz ~ 384kHz(8/16/24/32bits per Sample) DSD Native: DSD64(1bit 2.8MHz), Stereo/DSD128(1bit 5.6MHz), Stereo
	Output Level	Unbalance 2.2Vrms/Balance 2.3Vrms(Condition No Load)
	DAC	AKM AK4490 x2(Dual DAC)
	Decoding	Support up to 32bit/384kHz Bit to Bit Decoding, DSD64/128
	Inputs	USB Micro-B input(for charging & data transfer(PC & MAC))/ Connection Mode: MTP(Media Device)
	Outputs	PHONES(3.5mm)/Optical Out(3.5mm)/ Balanced Out(2.5mm, only 4-pole supported)
	Wi-Fi	802.11 b/g/n(2.4GHz)
	Bluetooth	V4.0(A2DP, AVRCP)
	Dimensions	3.14"(79.8 mm)[W] x 4.42"(112.4 mm)[H] x 0.68"(17.5 mm)[D]
	Weight	7.68oz(218g)
	Body Material	Aircraft Grade Duralumin
	Body Color	Meteoric Titan
	Feature Enhancements	Firmware upgrades supported(OTA)
Audio Performance	Frequency Response	±0.053dB(Condition: 20Hz~20kHz) Unbalance/±0.053dB(Condition: 20Hz~20kHz) Balance ±0.56dB(Condition: 10Hz~70kHz) Unbalance/±0.55dB(Condition: 10Hz~70kHz) Balance
	Signal to Noise Ratio	116dB @ 1kHz, Unbalance/117dB @ 1kHz, Balance
	Crosstalk	130dB @ 1kHz, Unbalance/135dB @ 1kHz, Balance
	THD+N	0.0008% @ 1kHz, Unbalance/0.0007% @ 1kHz, Balance
	IMD SMPTE	0.0007% 800Hz 10kHz(4:1) Unbalance/0.0006% 800Hz 10kHz(4:1) Balance
	Output Impedance	Balanced out 2.5mm(1ohm)/PHONES 3.5mm(2ohm)
Clock Source	Clock Jitter	30ps(Typ)
	Reference Clock Jitter	0.2ps(VCXO Clock)
Memory	Built-in Memory	256GB[NAND]
	External Memory	microSD(Max. 128GB) x1
Battery	Capacity	3,400mAh 3.7V Li-Polymer Battery
OS	Supported OS	Windows XP, Windows 7, 8(32/64bit), MAC OS X 10.7. and up



* The specification may be changed without notice to improve product performance and quality.