

General Specifications

Model	AK100 MKII
Color	Black
Dimensions	2.33" [W] x 3.11" [H] x 0.57" [D] (59.2 mm x 79 mm x 14.4 mm)
Weight	4.3 oz (122 g)
Display	2.4 inch QVGA (320 x 240) IPS Touchscreen
Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE, AIFF, ALAC, AAC, DSD
Sample Rate	FLAC, WAV : 8kHz ~ 192kHz (8/16/24 bits per sample)
Output Level	1.5 Vrms (No Load)
DAC	Wolfson WM8740 24bit DAC (High-End Audio DAC)
Decoding	Supports up to 24bit / 192kHz Bit to Bit Decoding
Charging Interface	Micro USB Type-B
Interface	USB 2.0, OPTICAL IN/OUT, Headphone Out
Feature Enhancements	Software upgrades supported

Audio Performance

Frequency Response	10Hz to 20kHz +/-0.02dB (24bit 48kHz, No Load)
Signal to Noise Ratio	110dB (1kHz 0dB, 24bit 48kHz, No Load)
Crosstalk	-120dB (1kHz 0dB, 24bit 48kHz, No Load)
THD+N	0.0009% (1kHz 0dB, 24bit 48kHz, No Load)
IMD SMPTE	0.003% (24bit 48kHz, No Load)
Output Impedance	3 ohms

Clock Source

Clock Jitter	90 ps
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Battery

Capacity	2,000 mAh 3.7V Li-Polymer Battery
Continuous Playback Time	Up to 16 hours (Standard - MUSIC: FLAC, 16bit, 44kHz, Volume 37, EQ Off, LCD Off)
Charge Time	About 5 hours

Memory

Built-in Memory	32 GB [NAND]
External Memory	Micro SD (Max 32GB) x 2

OS

Compatible OS	Windows 2000 / XP / Vista / 7 / Mac OSX
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