



Expert 220 Pro (A)

Code : AK839

Type : product

Attribute set : Amplifier

PRODUCT INFORMATION > OVERVIEW

GENERAL

Name	Expert 220 Pro (A)
Product Family	Amplifiers

COMMERCIALIZATION

Market Status	Active
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KEY PERFORMANCE

Total amplification power	2x220 Watts RMS under 6Ω
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PRODUCT INFORMATION > TECH SPECS

WEIGHT & DIMENSIONS

Weight	5.5 kg
Dimension (Width x Height x Depth)	383 mm x 40 mm x 383 mm

SPECIFICATIONS

Audio technologies	ADH® Analog Digital Hybrid SAM® Speaker Active Matching Devialet AIR® - Proprietary Hi-Res streaming technology DAC MagicWire® RAM® Record Active Matching - Advanced MM/MC cartridges configurability
Finish/Color	Dark Chrome
Materials	Hand polished case, cut from a single block of aluminum Electrolytic chrome plating Pure copper bottom plate for optimal heat dissipation
Digital To Analog Converter	Devialet exclusive DAC with MagicWire®
Processor	4x ARM Cortex-A9 1000 MB DDR3-1600 memory
Network	Wi-Fi (a/b/g/n 2.4GHz & 5GHz) Ethernet RJ-45 10/100/1000 Mbps (Gigabit)

Power supply	Universal 90-240Vac – 50/60Hz Patented single stage switching mode topology High power level: 600W continuous, 4000W peak High output with power factor correction (PFC)
Daisy chaining	Up to 8 units
Phono stage	MM/MC compatible

PERFORMANCE

Audio channels	Stereo
Accuracy in frequency response	DC-30kHz @ -0.1dB DC-95kHz @ -3dB
Amplification power	2x220 Watts RMS under 6Ω
Amplification performance	Distorsion at full power : 0.0005% THD+N Distorsion at 10 Watts : 0.00025% THD+N Thermal Distorsion : below measurement threshold
Output impedance	0.001 Ω
Signal to noise ratio	130 dB
Damping factor	8000
Phase shift	0.4° at 20kHz 1.8° at 40kHz

FEATURES

Audio inputs	Up to 2x RCA stereo with adjustable sensitivity and MM/MC phono stage Up to 4x Digital coax S/PDIF 1x Optical TOSLINK S/PDIF 1x mini Optical TOSLINK S/PDIF 1x AES/EBU 1x USB audio with bi-directionality and very low latency
Extra inputs	1x 3.5 mm bi-directional trigger connector (Trig In and Trig Out) 1x RS232 115200 bauds connector for home automation
Audio outputs	2x 4 mm Speaker banana plugs, fork connectors or stripped cables Compatible with all speakers from 8Ω to 2Ω Short-circuit protection Active filtering available
Connectivities	AirPlay Spotify Connect Bluetooth UPnP Roon Ready TOSLINK (Optical) USB audio Mini TOSLINK (Optical Jack) RCA Digital Coax Devialet AIR® - Proprietary Hi-Res streaming Phono Line AES/EBU
Audio codecs	SBC AAC
Remote	Yes
Audio formats	PCM/LPCM OGG Vorbis MP3 FLAC Apple Lossless WAV AAC WMA AIFF DSD64

PRODUCT INFORMATION > PACKAGING

GENERAL

What's in the box	Devialet Expert 220 Pro Expert Pro Remote (3 AAA batteries LR03 1,5V included) 1x SD card 1x Power cable 1x Pair of gloves 1x Microfibre cloth Documentation
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PRODUCT INFORMATION > WARRANTY & RETURN

MANUFACTURER WARRANTY

Product Warranty	2 years
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RETURN

Return policy	14 days
Return kit	<input checked="" type="checkbox"/>

PRODUCT INFORMATION > COMPLIANCE, SAFETY & CUSTOMS

ENVIRONMENTAL REQUIREMENTS

Max Operating temperature	40°C
Max Operating altitude	2000m
RoHS Reach (hazardous chemicals)	-

MARKETING / COMMUNICATION > GLOBAL SPEECH

GLOBAL

Baseline	THE ULTIMATE AUDIOPHILE SYSTEM
Short description	2x220 Watts Under 6Ω Utter connectivity for the most demanding audiophiles. The Expert 220 Pro embeds the full set of Devialet technologies, as well as an ultra-configurable phono stage, designed for vinyl enthusiasts.
Long description	The Expert 220 Pro Amplifier is the world's most advanced audiophile system, meant for music lovers in search of a refined and emotional listening experience. Designed to replace traditional Hi-Fi systems, Expert Pro delivers all the core elements of playback – preamp, amp, DAC, streamer, phono stage – in a single and ultra-compact unit. By rethinking sound reproduction at every turn, Devialet engineers have been able to achieve the best performance ever measured, at all power levels. With a precise and natural attack, explosive dynamics, naked silence and beautifully true timbre, the experience is breathtaking. Entirely configurable and upgradable, Expert Pro reveals your music's full potential, whatever the source or speakers.

MARKETING / COMMUNICATION > D.COM

INTRO

Product Description	2x220 Watts Under 6Ω Utter connectivity for the most demanding audiophiles. The Expert 220 Pro embeds the full set of Devialet technologies, as well as an ultra-configurable phono stage, designed for vinyl enthusiasts.
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MARKETING / COMMUNICATION > PARTNERS AND TRADE MARKETING

BASELINE

Baseline trade	The next stage of evolution
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INTRO

Short description trade	BRINGING THE BEST OF YOUR SPEAKER, TURNTABLE AND MUSICAL CONTENT, IN THE MOST COMPACT HIFI SYSTEM
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R&D

SAM	SPEAKER ACTIVE MATCHING Using a mathematical model of your speakers, SAM® Speaker Active Matching enables your Expert Pro to adapt the signal transmitted to it, perfectly synchronizing recorded signals with sound pressure generated by the speaker drivers. Experience the emotional power of music just as the artist intended it to be heard.
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VARIANTS

CODE	LABEL
AK839EU	EU
AK839AA	AA