



## Expert 440 Pro (A)

Code : DN700

Type : product

Attribute set : Amplifier

### PRODUCT INFORMATION > OVERVIEW

#### GENERAL

|                |                    |
|----------------|--------------------|
| Name           | Expert 440 Pro (A) |
| Product Family | Amplifiers         |

#### COMMERCIALIZATION

|               |        |
|---------------|--------|
| Market Status | Active |
|---------------|--------|

#### KEY PERFORMANCE

|                           |                      |
|---------------------------|----------------------|
| Total amplification power | 2x440 Watts Under 6Ω |
|---------------------------|----------------------|

### PRODUCT INFORMATION > TECH SPECS

#### WEIGHT & DIMENSIONS

|                                    |                         |
|------------------------------------|-------------------------|
| Weight                             | 10 kg                   |
| Dimension (Width x Height x Depth) | 383 mm x 80 mm x 383 mm |

#### SPECIFICATIONS

|                             |  |
|-----------------------------|--|
| Audio technologies          | ADH® Analog Digital Hybrid<br>SAM® Speaker Active Matching<br>Devialet AIR® - Proprietary Hi-Res streaming technology<br>DAC MagicWire®<br>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                   | Processor for each Expert Pro : 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                 | Dual-mono   |
| Accuracy in frequency response | DC-30kHz @ -0.1dB DC-95kHz @ -3dB   |
| Amplification power            | 2x440 Watts Under 6Ω  |
| Amplification performance      | Distorsion at full power : 0.00025% THD+N Distorsion at 10 Watts : 0.0001% THD+N Thermal Distorsion : below measurement threshold |
| Output impedance               | 0.001 Ω   |
| Signal to noise ratio          | 133 dB  |
| Dampling factor                | 8000  |
| Phase shift                    | 0.2° at 20kHz 0.9° at 40kHz   |

## FEATURES

|                |   |
|----------------|---|
| Audio inputs   | Up to 2x RCA stereo with adjustable sensitivity and MM/MC phono stage Up to 6x 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 Adjustable from 30 WRMS to 440 WRMS Compatible with all speakers from 16Ω to 1Ω Short-circuit protection Active filtering available                              |
| Connectivities | AirPlay<br>Spotify Connect<br>Bluetooth<br>UPnP<br>Roon Ready<br>TOSLINK (Optical)<br>USB audio<br>Mini TOSLINK (Optical Jack)<br>RCA<br>Digital Coax<br>Devialet AIR® - Proprietary Hi-Res streaming<br>Phono<br>Line<br>AES/EBU |
| Audio codecs   | SBC<br>AAC  |
| Remote         | Yes   |
| Audio formats  | PCM/LPCM<br>OGG Vorbis<br>MP3<br>FLAC<br>Apple Lossless<br>WAV<br>AAC<br>WMA<br>AIFF<br>DSD64   |

## PRODUCT INFORMATION > PACKAGING

### GENERAL

|                   |   |
|-------------------|---|
| What's in the box | 2x Devialet Expert 220 Pro Expert Pro Remote (3 AAA batteries LR03 1,5V included) 1x Digital coaxial link cable for audio 1x Analog 3.5mm link cable for commands 2x SD cards 2x Power cables 2x Pairs of gloves 2x Microfibre cloths Documentation |
|-------------------|---|

## PRODUCT INFORMATION > WARRANTY & RETURN

### MANUFACTURER WARRANTY

|                  |         |
|------------------|---------|
| Product Warranty | 2 years |
|------------------|---------|

### 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 | 2x440 Watts Under 6Ω The Expert 440 Pro combines two Expert 220 Pro units and offers up to 16 physical inputs and 440W of power per channel, for a Dual-Mono set-up without any compromise.  |
| Long description  | The Expert 440 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 | 2x440 Watts Under 6Ω The Expert 440 Pro combines two Expert 220 Pro units and offers up to 16 physical inputs and 440W of power per channel, for a Dual-Mono set-up without any compromise. |
|---------------------|---|

## MARKETING / COMMUNICATION > PARTNERS AND TRADE MARKETING

### BASELINE

|                |                             |
|----------------|-----------------------------|
| Baseline trade | The next stage of evolution |
|----------------|-----------------------------|

### INTRO

|                         |   |
|-------------------------|---|
| Short description trade | BRINGING THE BEST OF YOUR SPEAKER, TURNTABLE AND MUSICAL CONTENT, IN THE MOST COMPACT HIFI SYSTEM |
|-------------------------|---|

### 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.

---