

Questyle

Audio Engineering

High Resolution Portable DAP



QP1R® High-Res DAP

Patented "Current Mode Amplification" in headphone AMP, all discrete component, Pure Class A circuitry.

- File Format Support: WAV, FLAC, ALAC, APE, AIFF, ADPCM, LPCM, MP3, WMA, WMA Lossless, OGG, AAC, DFF, DSF
 - Sample Rate: PCM Native: 44.1 kHz - 192 kHz (16bit / 24bit)
DSD Native: DSD64 (1bit 2.8MHz) / DSD128 (1bit 5.6MHz)
 - DAC: Cirrus Logic CS4398
 - Output: 3.5mm headphone output, 3.5mm line out & optical output
 - Headphone amp output power
Gain: High
Max output amplitude (without distortion) $V_{out}=1.88V$ rms
Output power: $P_{out}=40mW$ @32 Ω , $P_{out}=12mW$ @300 Ω
Gain: Middle
Max output amplitude : $V_{out}=1V$ rms
Output Power: $P_{out}=31mW$ @32 Ω $P_{out}=3.5mW$ @300 Ω
Gain: Low
Max output amplitude : $V_{out}=0.53V$ rms @32 Ω $V_{out}=0.51V$ rms @16 Ω
Output Power: $P_{out}=8.8mW$ @32 Ω $P_{out}=16.3mW$ @16 Ω
 - Frequency Response: 20Hz - 20kHz ($\pm 0.1dB$)
 - THD+N: 0.0006%
 - Output Impedance : 0.15 Ω
 - Memory : Internal: 32GB
External: Supports Micro SD card 2*128GB
 - Battery: 3300mAh Li-Polymer, 8-10 hours
 - Charge current: Via PC USB connection @ 450mA, Charging time: 8 hours
Via Charger @ 2A, Charging time: 4 hours
 - Operating system : Linux
 - Body : CNC cutting aluminum case, Available in Space gray / Gold
- Manufactured by Foxconn

Current Mode Headphone AMP



CMA800R Current Mode Headphone Amplifier

- Patent "Current Mode Amplification" technology, completely discrete components in headphone Amp
- 0.00038% ultra-low distortion in stereo mode, 0.00026% ultra-low distortion in mono Full Balance mode
- 650kHz wide frequency, 114dB Signal to Noise Ratio
- Pure class A working status

DAC with Headphone AMP



CMA800i DAC with Headphone AMP

Non-compromising all-in-one device

- Inherit CMA800R "Current Mode Amplification" design, 0.00026% ultra-low distortion
- 850kHz wide frequency, 118dB Signal to Noise Ratio
- USB True DSD Mode, 3X Clock structure asynchronous transmission
- Wolfson flagship chipset WM8741, IIR (MP) Digital Filter
- XLR and RCA Pre-amplifier output; Dual 6.35mm stereo headphone jacks
- Support pure headphone amplifier mode

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DAC

DSD
Direct Stream Digital



CAS192D Digital-to-analogue Converter

- USB True DSD Mode, 3X Clock structure asynchronous transmission
- Coaxial, Optical and USB input supports 192kHz/24Bit
- IIR (MP) Digital Filter
- Wolfson flagship chipset WM8741
- XLR and RCA analog output

Pre-Amp

 Current Mode Amplification



CMA800P Pre-Amp

"Current Mode Amplification" PCT Technology

- Working Status: Pure Class A
- Gain: Internally switchable between High and Low
- Input Impedance : 2.9K ohms
- Input: XLR x1 / RCA x1
- Output: XLR x1 / Stereo RCA x1
- Max output amplitude: 13Vrms in full balance mode / 6.5Vrms in single ended mode

Hi-end Wireless Audio System



T2 Wireless Transmitter + R100 Wireless Stereo Amplifier

- 5.2/5.8GHz switchable transmitting frequency
- 24bit/22M uncompressed wireless digital transmission
- Transmitter has 192k/24bit Optical, Coaxial, USB digital input and RCA analog input
- Wireless Amplifier Integrated of wireless receiver, DAC and amplifier
- ICEpower amplification technology, 2x50W stereo output power



T2 Wireless Transmitter + R200 Wireless Mono Amplifier

- 5.2/5.8GHz switchable transmitting frequency
- 24Bit/22M uncompressed wireless digital transmission
- Transmitter has 192k/24Bit Optical, Coaxial, USB digital input and RCA Analog input
- Wireless amplifier integrated of wireless receiver, DAC and amplifier
- ICEpower amplification technology, mono 200W continuous output power

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