

EXTREME HI-FI SOUND

COWON

Plunge into Brilliant Sound

PLENUE R2



Highly Advanced Dual-DAC Design and Tuning

SNR 136dB, THD+N 0.0004%

Balanced Out 4.0Vrms

Music Playback 20 hours

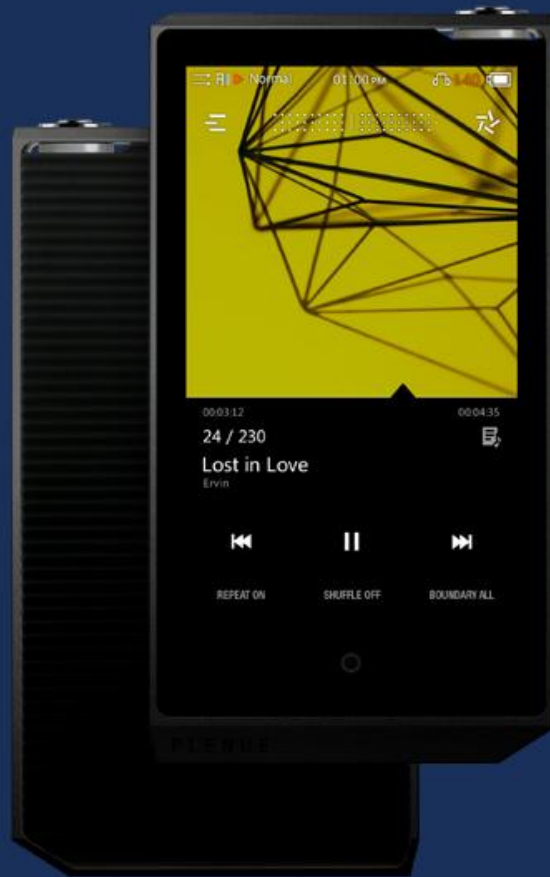
Equipped with a Proprietary CPLD 32bit / 384kHz

Native DSD256

aptX JetEffect Bluetooth

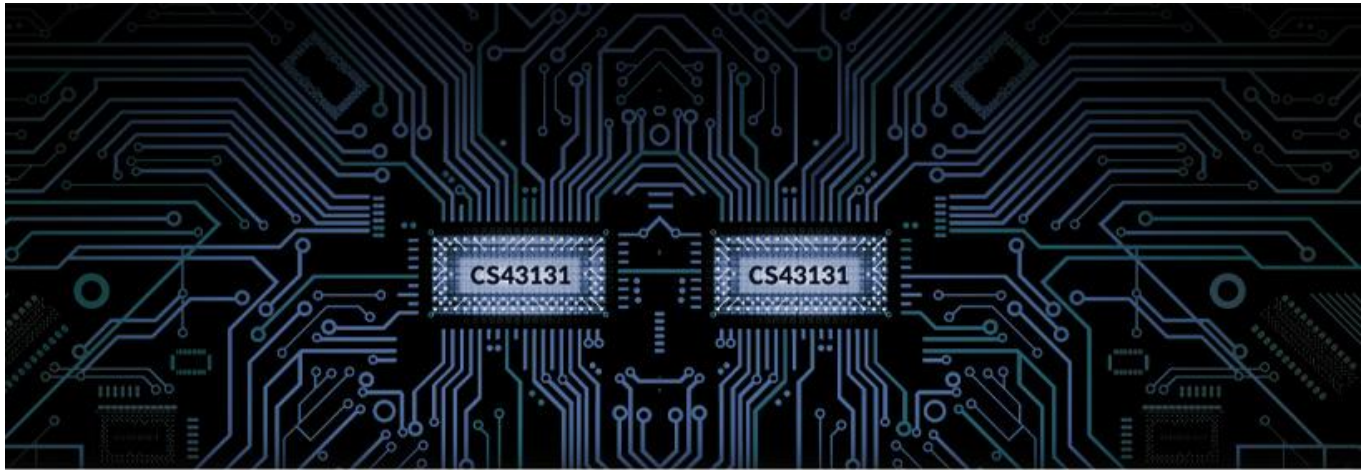
AI Audio

USB-C



Plunge into Brilliant Sound **PLENUE R2**

The PLENUE R2 delivers 32bit, 384kHz high-definition sound through two premium, ultra-high-quality DACs. Its advanced dual-DAC design and tuning eliminate even the slightest unwanted noise to draw you into audio that is as pure and clear as crystal.



32bit, 384kHz Ultra-High Resolution The Next-generation Premium DAC

The PLENUE R2 features a high-end DAC that supports 32bit, 384kHz for smooth playback of most existing high-quality audio files. As the premier DAC in the MasterHIFI™ line of Cirrus Logic hi-fi audio products, the CS43131 DAC offers an unparalleled level of performance. CS43131 is a high-performance DAC with a built-in high-resolution headphone amplifier. The next-generation premium DAC merely sips battery power while delivering the best audio output.

Dual Ultra-High-Quality DACs Highly Advanced Dual-DAC Design and Tuning

The PLENUE R2 is equipped with two top-of-the-line CS43131 DACs and features an advanced dual-DAC design and tuning to bring you one step closer to analog sound. The digital input signal is converted by each discrete DAC, providing listeners with perfect sound as close to the original recording with zero noise.



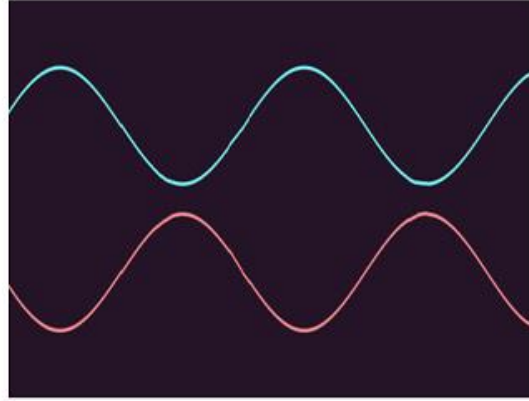
The World's Best Audio Quality **SNR 136dB, THD+N 0.0004%, Balanced Out 4.0Vrms**

The amazing specifications of the PLENUE R2 include SNR 136dB, THD+N 0.0004%, Stereo Crosstalk -148dB, and Balanced Output 4.0Vrms which are the result of our decades of audio experience and passion for perfection. The PLENUE R2 was created through our relentless effort to deliver perfect sound quality to listeners anytime and anywhere.



Faithful to Original Sound Support Native DSD up to DSD256

DSD(Direct Stream Digital) is a high quality Super Audio CD format that processes signals at 2.8224MHz per bit. The technology carries the maximum sound information possible to reproduce the delicate and crisp sound of analog. To realize the best possible sound quality, the PLENUE R2 reproduces DSD in Native method supports DSD256(Quad rate DSD), the highest frequency among all DSD formats.



High Quality Balanced Out Maximum Output of 4.0Vrms

Balanced output effectively blocks noise generated when signals are transmitted by adding 'out of phase' signals to unbalanced output signals. Since it transmits two types of signals simultaneously, the PLENUE R2 strengthens the output signal for clearer and crisper reproduction of original sound. The PLENUE R2 uses 2.5mm balanced output to reproduce crisp original sounds.



High Quality Bluetooth Audio Codec Qualcomm® aptX™ audio


The PLENUE R2 supports aptX, a high-quality audio codec that provides higher compression efficiency and superior sound quality compared to conventional SBC codec Bluetooth transmission. You can now enjoy PLENUE R2 through any earphones, headphones, or speakers that support Bluetooth, and the application of JetEffect 7's powerful acoustic field via Bluetooth output means you can savor rich sound quality with greater variety.

Professional Sound Control, Now via Bluetooth JetEffect Bluetooth

Unlike typical Bluetooth products, the PLENUE R2 features JetEffect Bluetooth, which enables DSP effects via Bluetooth. Open up a new world of possibilities with a Bluetooth receiver with COWON's exclusive JetEffect technology.

Phone Call Alerts for Greater Convenience

Connect the PLENUE R2 to your smartphone via Bluetooth to receive alerts for incoming phone calls. Never miss another call while listening to your favorite music.



Extensive Codec Support from 32bit/384kHz HD Sound to DXD and DSD256

The PLENUE R2 supports a variety of audio formats, from 32bit/384kHz lossless/uncompressed AIFF to lossless/compressed formats such as FLAC, ALAC, and APE, as well as other popular formats including WAV, MP3, WMA, and OGG. Also, the device supports DXD(352.8/384kHz) and Native DSD256(11.2MHz) format to offer wide range of high quality sound formats.

32bit/384kHz High Definition Sound | Dual DAC | Native DSD256 | High Quality Balanced Out
New Highest Performance CS43131 DAC | SNR 136dB, THD+N 0.0004%, Balanced Out 4.0Vrms
aptX JetEffect Bluetooth | AI Audio | MasterHIFI High Performance Amplifier
Premium Sound DAC Filter | High Precision TCXO | Equipped with a Proprietary CPLDI JetEffect 7 & BBE+
DXD / DSD(DFF, DSF, SACD-ISO) / FLAC / WAV / AIFF / ALAC / APE / MP3 / WMA / OGG / WV / TTA / DCF
Music Playback 20 hours | Sound Source LED Indicator | Premium High Strength Metal Body | Rapid Operation
AMOLED 3.7 inch Display | Solid & Void Design | microSD Card Slot | Optical Output | USB-C

Cowon Plenue R2

Product Capacity: Built-in Memory 128GB* / External Memory microSD SDXC
Display: 3.7" AMOLED touch Display (480x800)
Dimensions & Weight: 61.5mm (W) x 112.9mm (H) x 13.9mm (D) / 154g
Case: Premium high Strength Metal Body
Buttons: POWER, PLAY/PAUSE, VOL+, VOL-, FF, REW, Multi Button
Color: Platinum Black
CPU: ARM Cortex A9 1.2GHz Dual-Core

File formats

DXD / DSD(DFF, DSF, SACD-ISO) / FLAC / WAV / AIFF / ALAC
APE / MP3 / WMA / OGG / WV / TTA / DCF

Audio Codecs

DXD : ~352.8/384kHz
DSD Native : ~11.2MHz(DSD64, DSD128, DSD256)***
FLAC, WAV, AIFF, ALAC, WV(Wavpack) ~32bit/384kHz
- WAV Tag Supporting
- 5.1Ch Downmixing Supporting
APE : Fast, Normal, High, and Extra High compression rates (~24bit/192kHz)
TTA : ~24bit/384kHz
MP3 : MPEG 1/2/2.5 Layer 3, ~320kbps
WMA : WMA : ~320kbps, ~96kHz
OGG : ~Q10, ~16bit/192kHz

Bluetooth

3.0 (Supported profiles : A2DP, AVRCP / Supported codecs : SBC, aptX)
Track Information: CUE sheet, SACD-ISO (2Ch)
Lyrics: LRC, LDB, Lyrics3, ID3 Tag Lyrics (Time Information Yes/No)

JetEffect 7

66 Presets (50 Presets + 16 User Presets)
EQ: 10 Band Equalizer (EQ Filter)
BBE+: BBE, Mach3Bass, 3D Surround, MP Enhance
Special Effect: Chorus (8 modes), Reverb (9 modes)

DAC: CS43131 X 2 (Dual DAC)
SNR: 130dB Unbalance / 136dB Balance
THD+N: 0.0004% Unbalance / 0.0005% Balance (24bit, 48kHz)
Stereo Crosstalk: -128dB Unbalance / -148dB Balance
Output: 2.0Vrms Unbalance / 4.0Vrms Balance
Output Impedance: 0.6Ω Unbalance / 1.2Ω Balance
Volume: 140 Levels
Clock: Precision Clock TCXO (Phase Jitter 1.0ps)

Battery

Built-in rechargeable lithium polymer battery
Playback time: Approximately 20 hours (MP3, 128kbps) / 18.5 hours (24bit, 96kHz, FLAC)
Charging Time: Approximately 3 Hours (5V/2A or higher USB-C type DC adapter)

Output Port: Earphone Jack (3.5mm) / Optical Output (3.5mm) / Balanced Audio Port (2.5mm) *****
Player: Various skins for the playback screen, Analog Level Meter, Matrix Brower, Multi-Favorite

Price: 599,00 EURO (UVP, inkl. MwSt.)

Please send your orders to: auftragsbearbeitung@ntp-gmbh.com

All prices are plus statutory VAT

Interested in more?

Here you can see an overview of the NTP-Assortments:
www.new-tech-products.com/products/pdf/NTP-Products-Overview.pdf

