

## Key features

- High performance proprietary DFD (Direct From Decoder) digital decoding without digital filter for purest digital signal quality
- Jitter free digital interface AQLink (I2S protocol), uncompromising digital connection to La Diva cd transport
- Zero S/PDIF Jitter design, digital receiver stage PLL (phase locked loop) technology
- precision sign magnitude R2R ladder DAC with 2 Burr-Brown PCM -1704K arrayed in dual mono configuration (PCM1704-K DAC option)
- Passive current / voltage conversion (I / V)
- Discrete Regulator (MOSFET, J-FET, BJT) for analog and digital DAC's power supply
- 2 separate low noise power transformers, one for the analog and one for the digital section
- Fully upgradeable Bit perfect asynchronous USB module with resolution up to 24 bit and 192 KHz
- MODULAR DESIGN with upgradeable multi board system
- Digital phase selector on front panel
- High-quality parts selected for sound quality:
  - 105° long life capacitors
  - low noise Metal Foil ultra-precision resistors
  - metallized film pulse capacitor
  - ultra-fast diodes
- Fully discrete analog stage, not even a single Op-Amp is used
- Aluminium anti-resonant cabinet with Nextel
- Galvanic isolated S/PDIF - AES/EBU Digital input
- AQ-i modular input: D111 XLR | D112 AT&T ST Fiber | D113 RCA | D114 TOSLINK with High Resolution platform
- Analog output: RCA single-ended - XLR balanced asymmetrical (optional)
- Designed and handmade in Italy

## Performance characteristics

Native Sample Rates Supported	S/PDIF - AES/EBU : 24 bit / 192 KHz AQLink - I2S serial bus : 24 bit / 384 KHz
Asynchronous USB (High Speed)	USB Type B
Digital Receiver	PLL (phase locked loop) technology 128 or 256 FS internally selectable
AQLink (I2S bus)	CMOS level
Digital filter	Proprietary DFD (Direct From Decoder) digital decoding without digital filter
Oversampling factor	1x
Digital inputs	- RJ45 AQLink (I2S serial bus) - 24 bit / 384 KHz - BNC coax (S/PDIF) 75 ohm - 24 bit / 192 KHz - USB port - 24 bit / 192 KHz AQ-i modular input: - AES/EBU balanced 110 ohm - 24 bit / 192 KHz (cod. D111) - RCA coax (S/PDIF) 75 ohm - 24 bit / 192 KHz(cod. D113) - AT&T (ST Fiber) - 24 bit / 192 KHz(cod. D112) - Optical TOSLINK - 24 bit / 96 KHz (cod. D114)
Digital to analog conversion type	MODULAR: Multibit sign magnitude R2R ladder (PCM1704-K DAC option)
Analogue Outputs	UNBAL 2 RCA Output 2.1 V RMS BALANCED (asymmetrical output) 2 XLR Output : 4.2V RMS
Current / voltage conversion (I / V)	Resistor passive (I / V)
Output Impedance	100 Ω RCA - 200 Ω XLR
Load Impedance	10 k Ω (min.)
Frequency Response	20Hz to 20kHz +0.5dB/-0.5dB
THD + N	<0.1% 1KHz -20dB
Front Panel	Power, input selector, Phase Invert switch
Power Consumption	100-115V / 220-240V; 50 or 60Hz - 58VA
Dimensions	( W x D x H ) 450 x 310 x 100 mm
Weight	7 kg
Front finish	Satin Alu Silver or Satin Black
Case finish	Grey Nextel powder coated

Handcrafted in Italy



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