

## Key features

- High performance proprietary ISDC (Isolated Synchronous Discrete Circuit) digital decoding and clock manager
- Custom designed discrete circuit with high-speed photocouplers for Galvanic and magnetic isolation between CD drive unit and digital output
- Ultra massive chassis construction and newly developed high-rigidity sub chassis with Nextel for CD drive unit cancels internal and external acoustic and mechanical vibrations, enabling exceptionally accurate "Red Book" RF signal
- DC disc drive motor allows to read the data accurately and minimize Jitter
- Moplen clamp to avoid flywheel masses and vibrations
- Sophisticated signal processing technology assures excellent CD Red Book signal
- High-performance multi-stage voltage regulator (high-current stage for accurate servo DISC drive rotation, tracking and focus)
- Jitter free digital interface *AQlink* (I2S protocol), uncompromising digital connection to La Scala DAC, La Voce DAC
- etherCON RJ45 (*AQlink*) output connection to DAC, employs CAT6 cable can connect both RJ45 and professional etherCON RJ45
- Separate custom-built toroidal transformers for digital and servo motors/actuators
- MODULAR DESIGN with upgradeable multi board system
- Precision Philips CD-Pro2 transport customized
- 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
  - halogen free cables
- Aluminum top loading tray machined from billet
- Non-magnetic low-resonance aluminum chassis with Nextel
- Field upgradeable firmware
- Fluorescent display (VFD) with user off-selectable illumination
- Designed and handmade in Italy

## Performance characteristics

Disc Compatibility	CD, CD-R
CD Formats	Red Book
Drive mechanism	PHILIPS CD-PRO2 Customized
Pick-Up Technology	TRIGINTA preamplifier & Laser supply
Optical	3 beam method
Disc Drive Motor	Precision DC Motor
Servo power supply	High-performance voltage regulator (high-current)
Digital decoder	Proprietary ISDC
Digital isolators	Custom designed discrete circuit with high-speed photocouplers
Digital Output	2 S/PDIF 75 Ω : <ul style="list-style-type: none"><li>- 1 coaxial BNC</li><li>- 1 coaxial RCA</li></ul> 1 AES/EBU (XLR) 110 Ω 1 AQlink - I2S serial bus (etherCON RJ45) 1 AT&T (ST Fiber)
Word Clock Output	1 coaxial BNC 75 Ω
AQlink (I2S bus)	CMOS level
Native Sample Rate	16 bit / 44.1 KHz
Front Panel	Standby, Display, Play, Pause, Stop, Previous, Next Switches
Display	Fluorescent display (VFD) with user off-selectable illumination
Remote Control	Infra Red (RC5)
Power Consumption	100-115V / 220-240V; 50 or 60Hz - 38VA
Disc loading	Top-Loading (Manual)
Dimensions	( W x D x H ) 450 x 370 x 100 mm
Weight	10 kg
Front finish	Satin Alu Silver or Satin Black
Case finish	Grey Nextel powder coated

Handcrafted in Italy

aqua  
acoustic quality

AQ TECHNOLOGIES S.r.l.

Registered Office : Via Luciano Manara, 17 - 20122 Milano

Operation Office : Via Adobati, 23 - 24022 Alzano Lombardo (BG)  
Italy

[info@aquahifi.com](mailto:info@aquahifi.com)

[www.aquahifi.com](http://www.aquahifi.com)