



B1xcd CD Player

The B-Line Celebrates its Return
Musical Fidelity High-End Philosophy Made Even More Affordable

B1xcd In Brief

CD Player

- True Red Book CD-DA drive
- Tray loader mechanism
- Designed for proper Red Book Audio-CD readout
- BlueTiger™ CD-88 Servosystem
- High-quality ESS DAC
- Excellent technical performance with low jitter
- LCD screen displays time, tracks, text (if available)

In & Outputs

- 1x RCA output
- 1x coaxial & 1x optical outputs

Mechanical Construction

- Uncompromising metal work in typical Musical Fidelity tradition
- Heavy front panel milled from extruded aluminium profiles
- Clean, stunning and indestructable metal exterior protects against electromagnetic interference

The B-Line Celebrates its Return

Like the **matching B1xi integrated amplifier**, the **B1xcd** is designed in **true Musical Fidelity high-end philosophy** available at a **more accessible price**. From the fine fit and finish of its **metal casework** to the **unique technology** sitting inside, the B1xcd **exceeds expectations**. Its purpose-built **tray-loading mechanism and BlueTiger™ CD-88 servosystem** ensure **precise disc reading**. The **LCD display** provides clear information, including track, time, and CD text where available.

The **B1xcd** is equipped with **analogue RCA outputs**, while **coaxial and optical digital**

outputs allow **connection to an external DAC**.

The Musical Fidelity **B-Line** became an **icon of the 1980s** by bringing **genuine high-end audio engineering** to a more **accessible price point**. Praised for its **outstanding sound performance** and **uncompromising “Musical Fidelity”**, it opened the door to **high-end sound** for a new audience of music enthusiasts.

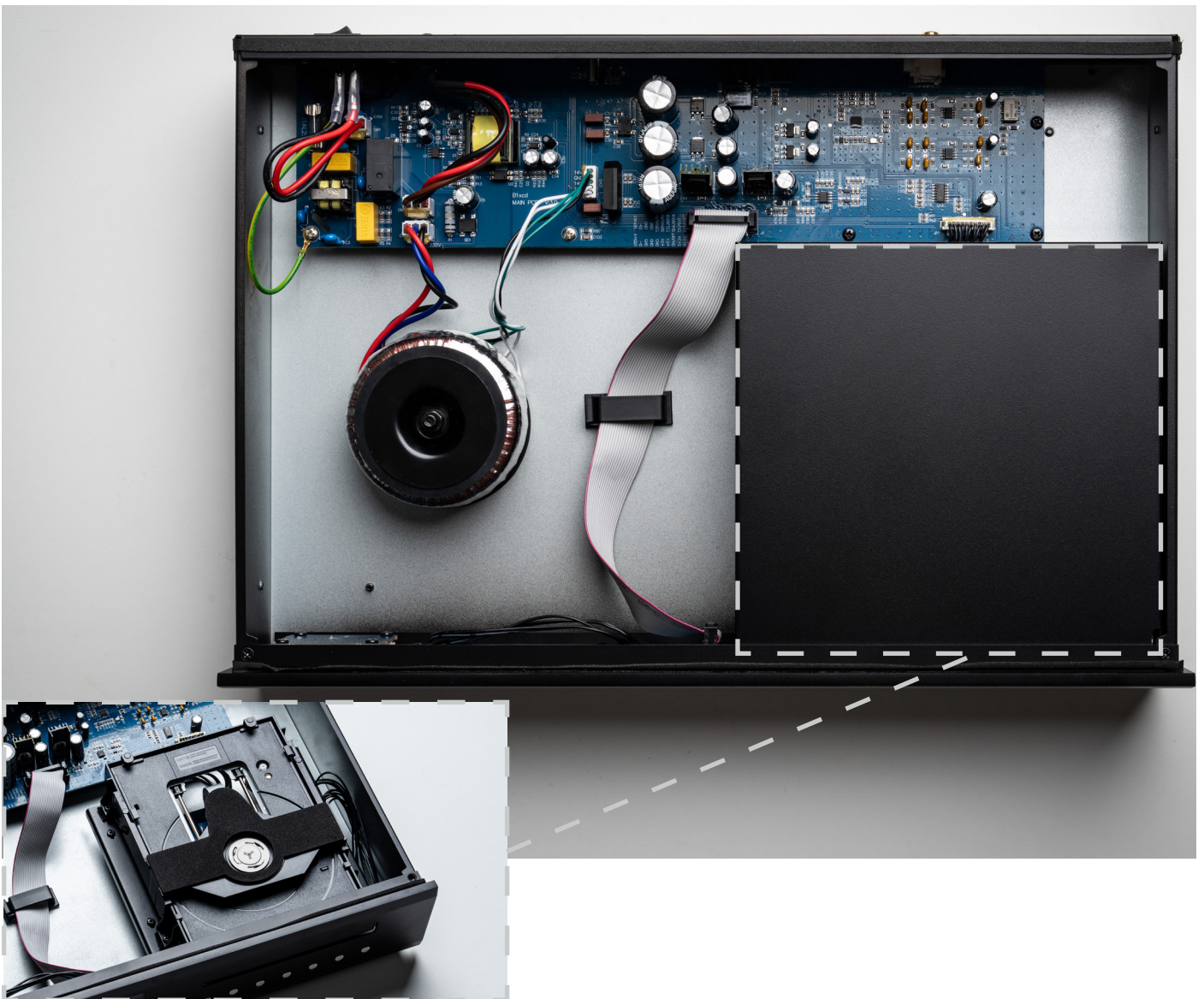
Following the **successful return** of the B-Line in 2025 with the **B1xi** integrated amplifier, Musical Fidelity is proud to introduce the next entry: the **B1xcd**.



True Red Book CD Player

The **Red Book** standard specifies the physical parameters and properties of Digital Audio Compact Discs (CD-DA). **Pure CD players** are, in contrast to DVD or Blu-ray Disc players, frequently **better in playback of stereo CDs**. The drive is **specifically optimized for 1:1 playback** of the **Red Book CD-DA standard**.

The B1xi is the latest development in our line of CD players, using cutting-edge technology to ensure excellent **1:1 read-out of Red Book audio CDs**. The CD drive is protected by a robust **metal cover**, and employs a **low-vibration disc mechanism mounting** to dramatically **reduces jitter and extraneous noise**.

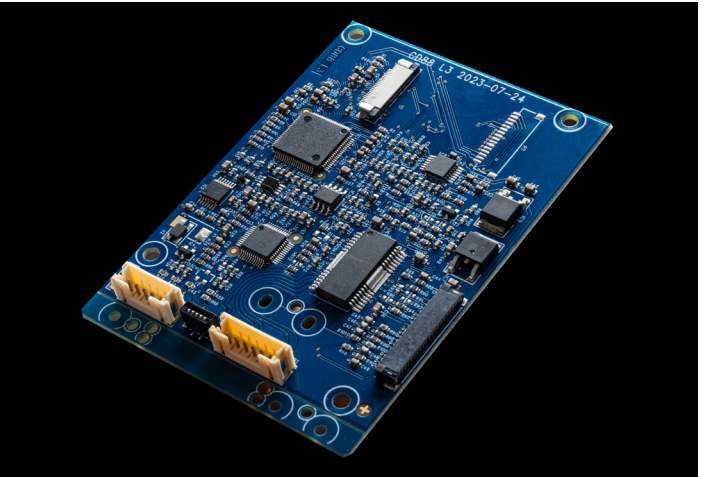


CD-88 BlueTiger™ Servo

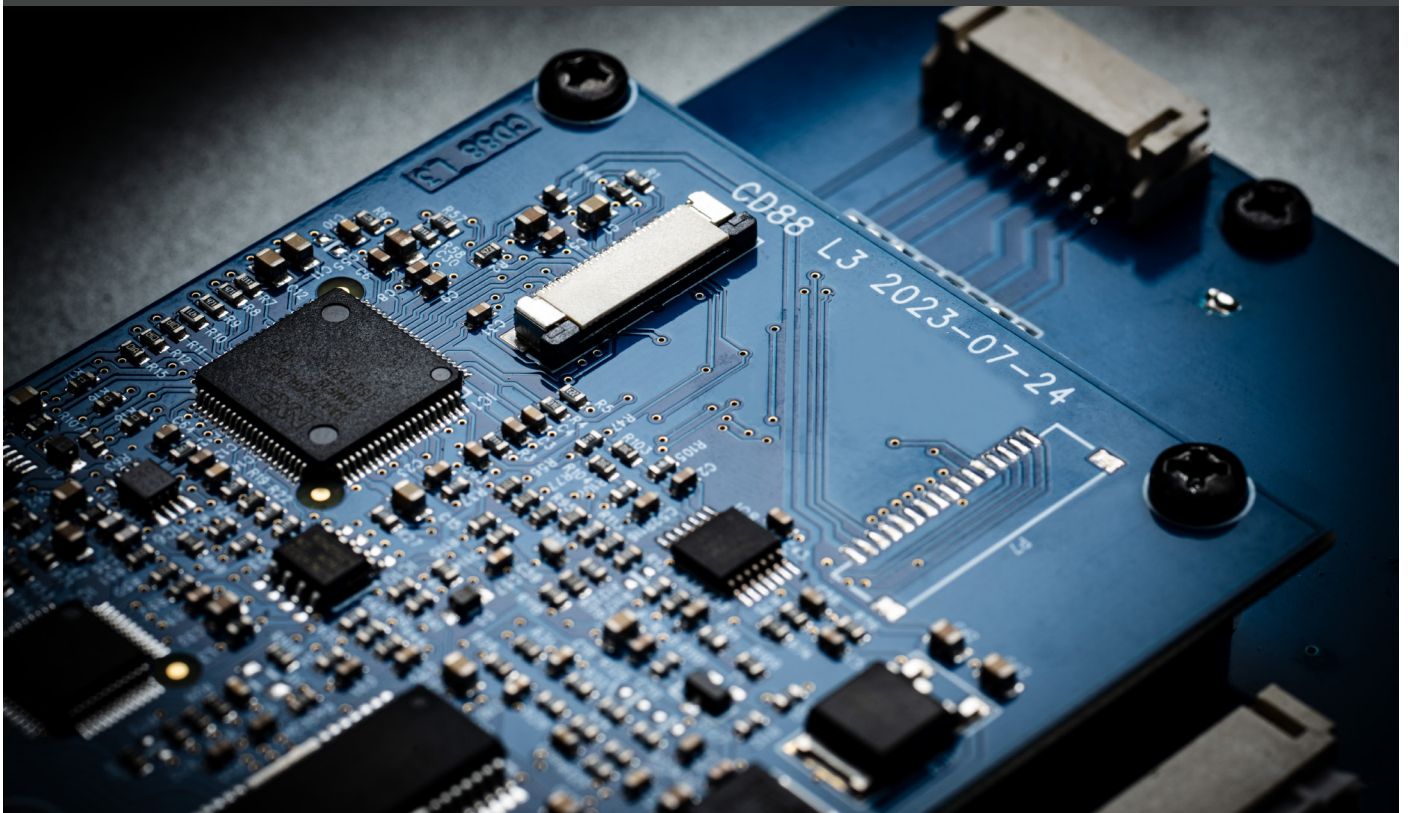
A CD drive is only as good as the servo which controls it. It's like the brain of the human which controls the movement of the body. Without the best brain you cannot reach the best performance in sport although the muscles are big. The B1xi uses the new **BlueTiger™ CD-88 servo**. Developed by **SUOS**, it is the **most advanced** on the market.

A continued refinement of the original **CD-80** board, the „88“ **revision** showcases the latest developments and improvements in absolute **high-end CD read-out**. This is a more **complex topic** than one might want to admit and the argument that „it is just ones and zeroes“ is a **gross oversimplification**. Even **digital signals can be distorted**, so much so that a bit of data that should be „1“ eventually becomes a „0“.

Errors can happen at every stage; **phys-**



ical damage on the surface of the CD, **wrong read-outs** by the **optical pick-up** unit drive, **mechanical vibrations** due to bad chassis build quality or the **data connection** between laser pick-up unit and DAC. Next to a **perfect CD drive mechanism**, **advanced error correction** and **predictive algorithms** are an absolute necessity to achieve **perfect CD playback at all times** - the **CD-88 BlueTiger™** servo sets the **industry standard**, positioning it far above any other solution currently on the market.



Uncompromising Mechanical Engineering

Featuring **premium construction** throughout, including **solid metal controls**, an **extruded aluminum front panel**, and an **all-metal chassis**, the B1xcd is designed for discerning audiophiles who demand a truly high-end CD player without compromise.

Operation is effortless thanks to the **precision-machined aluminum** front-panel buttons, the **supplied remote control**, and the **large LCD display**. The display provides all essential playback information, including **artist and track names** when **CD-Text** data is available.

The Musical Fidelity Identity

Engineered with meticulous attention to detail, the B1xcd combines a **high-quality CD-DA transport**, an **industry-leading CD servo system**, and **state-of-the-art DAC** circuitry to extract **every nuance** encoded on **Red Book audio CDs** with exceptional precision.

Whether you're **rediscovering a cherished CD collection** or embracing the enduring **value of physical music ownership**, the player delivers a **warm, natural, and engaging presentation**. Its sound character blends **outstanding resolution** with an **analogue-like musicality**, bringing recordings to life with **authenticity and emotion**.





B1xcd CD-PLAYER

SPECIFICATION

CD-Player

- CD System: BlueTiger™ CD-88
- RCA Output impedance: 10k ohms
- RCA Output, digital 0dB level: 2.1V r.m.s. nominal
- DAC: ESS9018Q2M
- Frequency response: 20Hz to 20 kHz -0.2dB max.
- Channel separation: >96dB 20 Hz to 20 kHz
- Signal-to-noise ratio: >112dB "a"- wtd.
- Total harmonic distortion: <0.003% 20Hz to 20 kHz

Connections

- Digital outputs (SPDIF): 1x RCA coaxial connector, 1x TOSLINK optical connector
- Line level output: 1 pair line level RCA connectors, left and right outputs

- Service connection: USB C

Power requirement

- Mains voltages: 115/230VAC 50/60Hz (factory pre-set); 100VAC 50/60Hz (alternative)
- Consumption: <0.5W in standby mode, 12 Watts maximum

Weight

- Unit only, unboxed 5.8 kg
- In shipping carton 7.6 kg

Dimensions

- Wide 430 mm
- High, including feet 90 mm
- Deep (front to back) including terminals 298 mm