

# P1 Dual Monaural Phono-Stage



**Thirty years ago few people predicted that, not only would we still be listening to records in the 21st Century, we would still be pressing them too. For many listeners, the vinyl record is more than just a viable source – it's the pre-eminent source of recorded music.**

That reflects both the inherent qualities and character of analog sound, but also the fact that record replay has significantly upped its game in the face of ever-increasing competition from high-res digital sources. These days, serious record collectors and listeners wanting the best possible sound will seek out rare original pressings, appreciate the virtues of mono (as opposed to many stereo) releases and purchase their discs, new and used, from all over the world.

Likewise, the once simple process of playing those discs can achieve levels of sophistication and record-by-record optimization we never dreamed of, back when the vinyl LP was the only high-quality format.

Today's record players and tonearms offer an unprecedented range of facilities and adjustability – all designed to extract the maximum possible performance from your cartridge and the record it's playing. But if the magic in that fragile phono signal is to be preserved rather than eroded by the rest of your system, you will need a phono-stage that is just as versatile and adaptable, that can be fine tuned to the same exacting degree. Meet the CH Precision P1, a phono-stage that takes those demands seriously, offering an unmatched combination of musical performance and adjustability – versatility that ensures you hear every last expressive and emotional nuance teased from the vinyl groove.

With multiple, independently configurable inputs and with all-important parameters individually adjustable from the

CH-Control App, the P1 can handle up to three, permanently connected turntables or tonearms. With a combination of both current and voltage-sensing inputs (along with a simple yet sophisticated set up protocol for the latter) the P1 maximises the musical performance of any moving-coil, moving-iron or moving-magnet cartridge, while the optional, switchable EQ facility means that collectors of early, original pressings can finally hear those discs in all their glory. Being part of the CH Precision, upgradeable/scalable Eco-system means that the P1's already remarkable performance can be further enhanced with the external X1 power supply, or even taken all the way to the full dual-chassis, four-box configuration.

Whether you want to play a Sgt Pepper's mono pressing or a Decca SXL2000, the P1 will play it for you – and play it right. It's never been so easy to collect great records. The P1 exists to let you hear what makes those records great.

***"CH Precision's P1 Phono preamplifier... is not going back to its manufacturer. The longer I used it, the more obvious it became that I couldn't part with it, even though I said I couldn't afford it."***

**MICHAEL FREMER, STEREOPHILE**

### Moving Coil Current Inputs

- Two inputs specifically designed to deliver the best possible performance from low-output, low-resistance MC cartridges
- Gain adjustable in six discrete steps (with actual gain dependent on cartridge internal resistance)
- Current-sensing delivers the best signal-to-noise ratio possible from low output MC cartridges and eliminates the need to set individual load impedance
- Both single-ended (RCA) and balanced (XLR) inputs provided

### Moving Magnet / Moving Coil Voltage Input

- Input designed for MM cartridges, MC cartridges or step-up transformers
- Ultra low noise FET input stage
- Gain adjustable from 35dB to 70dB in 5dB steps
- Cartridge loading adjustable from 20 Ohms to 100k Ohms in over 500 steps
- Dedicated set up record and internal loading 'wizard' shows optimum gain and loading performance on main screen
- Both single-ended (RCA) and balanced (XLR) inputs provided

### Optional EQ Curves

- Built-in RIAA and eRIAA EQ curves
- Optional add-on board provides EMI, Columbia, Decca and Teldec EQ curves for owners/collectors of older records or original pressings

### Analog Signal Path

- All adjustable parameters and EQ curves selectable on unit or via CH-Control App
- Dual-mono circuitry with fully complementary output stage
- Ultra low noise, high bandwidth, high slew rate design
- Class A, discrete transistor-based circuit topology
- Selectable 10 Hz 3rd order high-pass subsonic filter

### Power Supply

- Ultra low noise, high accuracy, discretely regulated, linear power supplies
- Shunt regulation throughout

### Scalable And Upgradable

- Available in Dual Monaural (single chassis) or True Monaural (dual chassis with one channel per enclosure) form
- Can be powered by the X1 external PSU (Dual Monaural), a dual output X1 (True Monaural) or a pair of single X1s for the ultimate four-box solution.
- Additional audio chassis or PSU units can be added at any time

### Optional Hardware

- EQ Board
- Four additional playback EQ curves
- EMI, Columbia, Decca and Teldec EQ curves, realized using of custom built, high grade film capacitors and tight tolerance metal film resistors

