

X1 External Power Supply



When you listen to your audio system, you are quite literally listening to your AC supply. Just as the performance of a car depends on the type and quality of fuel you run it on, so your audio system's performance can be undermined by a poor quality electrical supply and, within your system, no components are more vulnerable to compromise than the digital and low-level units.

This is one area of technology where size really matters – just not necessarily in the way that you might assume. The critical circuits in your audio system run on DC voltage. The level of that voltage needs to be precise and the level of residual noise it carries needs to be as low as possible. All CH Precision components contain sophisticated power supplies with extensive local DC regulation. But this is one field in which you can never put too much protection between the signal path and the noisy, RF polluted and mechanically intrusive AC supply...

The X1 External Power Supply is an ultra low noise, discrete and fully regulated linear power supply, delivering an ultra stable and super clean DC feed to other CH Precision products. It contains massive amounts of noise filtering as well as an additional stage of power supply regulation that works in conjunction with the on-board regulation built into the connected unit, in order to increase DC stability and further reduce noise to a vanishingly low level. Compatible with the D1 CD/SACD Transport, C1/C1 Mono DAC/Controllers, P1 Phono-Stage and L1 Line-Stage, the X1 External Power Supply will dramatically improve the already impressive performance of these products, reducing system

noise floor, increasing dynamic range, resolution and speed of response, transparency, detail and above all, musicality. Adding X1s to your system will bring intimacy, presence, tonal color and an unmistakable sense of life to your recordings – and the more X1s you add, the better it will get.

Each X1 can be configured to run either one or (with a second, optional output card) two low-level products. But the X1 is also a crucial element in CH Precision's scalable system topology, so that as you move each product towards a true dual-mono signal chassis configuration, you can use one X1 output or a dedicated X1 for each unit, delivering ultimate channel separation and musical performance.

“So yes, The CH Precision X1 does make a difference. A big one! Sadly once you try out X1 along with the P1, there is no going back”

MATEJ ISAK, MONO AND STEREO

Outputs

- Up to two units can be connected to a single X1 (with the addition of a second regulation board)

Internal Topology

- Dedicated mains filter for each transformer primary.
- Cascades external power supply regulation stage with onboard regulation for superior noise rejection
- Two oversized power transformers dedicated to the digital and analog power supply sections of the connected unit(s) respectively
- Allows the connected unit's mains transformer and rectifier to be powered down, reducing electromagnetic noise and spurious mechanical interference within the audio chassis

Component Compatibility

- Can be used to further improve the performance of the D1 CD/SACD Transport, C1/C1 Mono DAC/Controllers, P1 Phono-Stage and L1 Line-Stage
- Housed in the same mechanically grounded enclosure as the rest of the 1 Series units, so that it fits in perfectly with your system

Optional Hardware

- Second DC Output Board – any X1 can have a second, identical, fully regulated DC output fitted, allowing it to run a second connected unit
- The X1 External Power Supply is itself a vital optional component in the CH Precision scalable upgrade path. It can be used individually as a dedicated supply, to run two separate components, to run both sides of a dual-chassis component or even as a dedicated supply for a single channel, single chassis set-up



"Adding the X1 is, quite frankly, a no-brainer. Given the price of a P1 or L1 and the difference wrought to their performance by the X1, at its relatively modest cost, it should be an automatic add-on or urgent upgrade. The drop in the noise floor that results from its use has profound musical implications, both in dynamic and expressive terms. Performers have greater presence, their playing greater agility. The soundstage expands and snaps into focus and the instruments in the orchestra, or voices singing, are better separated, both spatially and tonally, the latter a function of a wider and better-differentiated tonal palette."

ROY GREGORY, THEAUDIOBEAT.COM