

Product Information

The PSU-XR is the latest external power supply from Cyrus and introduces a brand-new approach to providing clean and stable power for your Cyrus XR host products. Incorporating its own on-board micro-processor, the PSU-XR communicates directly with the host product to consistently provide the best configuration of power from a full range of voltage output levels.

Providing multiple supplies, all of the output voltages from the PSU-XR are all digitally controlled internally, so are extremely stable and virtually noise free. The PSU-XR really is our best performing power supply, capable of providing up to 60% more power than the PSX-R₂ and due to its revolutionary design, is up to 50% more efficient.

Features and benefits

Power supply upgrades

The sound quality delivered by any audio component, whether an amplifier or a source component such as a CD player, depends heavily upon the quality and capacity of its power supply. The PSU-XR power supply upgrade provides a sound upgrade for Cyrus XR components by enhancing both the quality and capacity of their internal power supplies.

Five independent power supplies

There are five independent power supplies in the PSU-XR. All five power outputs route to a connected XR component through a multi-way umbilical cable:

- A high capacity logic supply to power digital circuitry in a connected XR component.
- Two fixed voltage power supplies that are intended to power sensitive, low voltage analogue circuitry.
- Two variable voltage high capacity power supplies to feed power to low or high consumption analogue circuitry. The variable power supplies also have two unregulated voltage settings that can be applied to boost the power supply in high consumption circuitry such as power amplifiers.

Full isolation for low noise

Fifteen separate transformer windings, ground isolated regulation circuitry and separate output power and ground returns in the umbilical cable minimise electrical noise in the multiple power feeds to a connected XR component.

Intelligent configuration

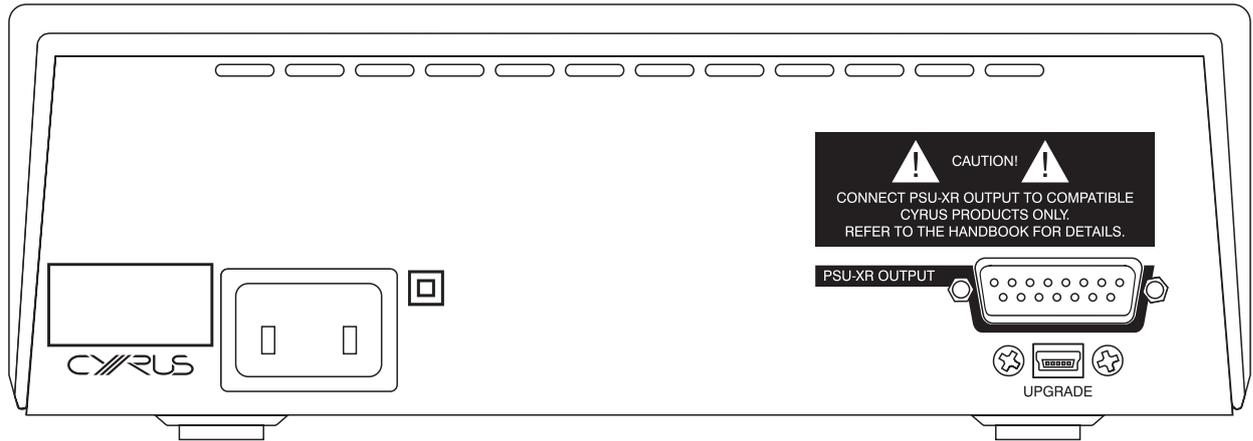
PSU-XR configuration takes place via the cable from the connected XR component. Each Cyrus design can enable and configure the power supplies in the PSU-XR to meet its circuit requirements exactly.

LED settings tracking

The LED colour and brightness will automatically set to match the colour and brightness settings of the connected XR component.

Low power standby consumption

The PSU-XR is remotely switched to and from a low consumption standby mode from the connected XR component.



All Cyrus components are housed within our iconic half width die-cast aluminium chassis, which has now been in use for nearly 30 years across our entire range of Classic & XR products. Designed and built to last the test of time, every single chassis is hand finished using a process called linishing, resulting in every product we build being of the highest quality. As we all continue to be socially responsible, our use of the same chassis design has allowed us to upgrade our customers' products to the very latest components all within the original chassis, saving these old products from going to landfill and our customers making considerable savings too. We estimate that more than 80% of manufactured products remain in use today, making Cyrus one of the most effective users of materials in our industry by far.

Specifications

1 x Output connector for compatible Cyrus XR products	Size (H x W x D) 75 x 215 x 355 mm (2.95" x 8.46" x 13.98")
Low voltage supply..... Standby mode +5V DC Operational..... +5V DC	Weight 7.7kg (17lbs)
Fixed voltage supply Standby mode0V Operational..... ±24V DC	EAN 230V version 5060020434259
Variable supply Standby mode0V Regulated ±10V to ±45V DC Unregulated .. ±45V or ±56V DC	EAN 115V version 5060020434341