

Product Information

The Power-XR is the latest stereo power amplifier from Cyrus. With ground-up engineering inside, the wideband high current power amplifier is capable of driving even the most challenging of loudspeakers with relative ease. There's no shortage of innovation and upgrades under the skin.

XR series products are the manifestation of over a decade's accumulated technology and development knowledge. With particular attention to the detail of every component that lays in the audio path, XR takes Cyrus audio performance to another level.

Features and benefits

Connectivity

- Unbalanced inputs (with daisy-chain out)
- Balanced inputs
- 12V trigger input
- MC-BUS connection (control integration with Cyrus system)
- PSU-XR upgrade connection
- Firmware upgrade port

Power Amplifier

The wideband power amplifier of the Power-XR responds from D.C. to beyond 100kHz ensuring ruler flat frequency response and keeping any undesirable phase shifts out of the audio band. With a generous, over-specified power supply the Power-XR power amplifier is very capable of reproducing the scale and drama of the musical performance.

High capacity power supply

The power supply includes a massive 408VA toroidal power transformer delivering power to a high capacity power supply.

PSU-XR port

The Power-XR includes a port for the new PSU-XR power supply. Thirty years ago Cyrus broke new ground with the introduction of the PSX-R, the first ever regulated power supply upgrade that automatically adapted to match perfectly the power requirements of any connected product. The PSU-XR raises the bar by sourcing no less than five independent regulated supplies in a single box. For the Power-XR a pair of these are assigned to provide ultra-smooth power for the voltage amplifier, and a second pair to provide a huge dynamic boost for the power amplifier.

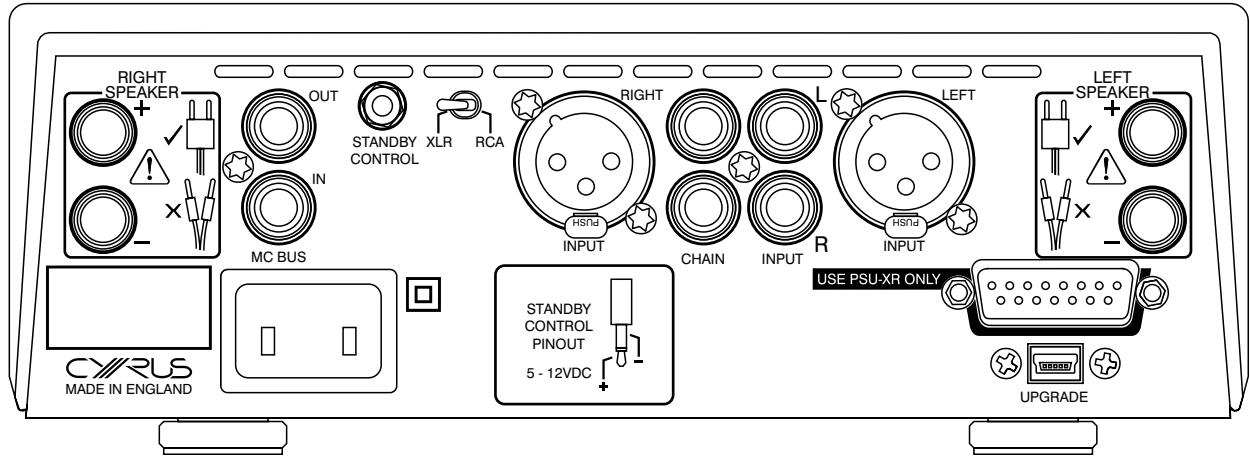
LED settings tracking

The LED colour and brightness will automatically set to match the colour and brightness settings via MC-BUS from the master XR product in the system.

Low power standby consumption

The Power-XR can be remotely switched to and from a low consumption standby mode via MC-BUS or using the 12V trigger input.

Power-XR Power Amplifier



All Cyrus components are housed within our iconic half width die-cast aluminium chassis, which has now been in use for over 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

Power output	2 x 144W (161W with PSU-XR) into 4 Ω	Size (H x W x D)	75 x 215 x 355 mm (2.95" x 8.46" x 13.98")
Power output	2 x 110W (121W with PSU-XR) into 6 Ω	Weight	7.3kg (16lbs)
Power output	2 x 87W (95W with PSU-XR) into 8 Ω	EAN 230V version	5060020434624
THD+N (1kHz, 2/3 power)	<0.002% 6 Ω	EAN 115V version	5060020434617
Input sensitivity (110W/6Ω)	450mV RCA / 900mV XLR		
Input impedance	28kΩ		
Frequency response (-3dB)	<0.5Hz, > 100kHz		
S/N ratio (unwtd)	>100dB		

