

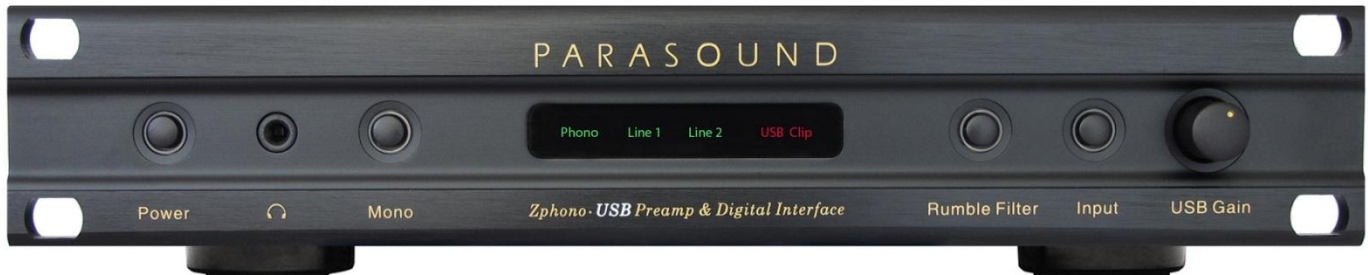


PARASOUND

Zphono•USB Phono Preamp & Digital Interface

Z CUSTOM
PARASOUND

Easily record your vinyl LP collection to MP3, FLAC or WAV files



The new Parasound Zphono•USB is a high-quality phono preamplifier engineered for optimum vinyl LP playback quality. The Zphono•USB has precise RIAA equalization and uses high quality parts to achieve extremely low levels of noise and distortion plus accurate frequency response.

In the digital realm, the Parasound Zphono•USB has an A-D converter and USB output to make high quality digital recordings of your vinyl LP collection a snap. Its unique front panel USB gain control and USB clipping indicator enable you to optimize the USB record output level to achieve a superior signal-to-noise ratio with most PC or Mac phono recording software.

If you have more sophisticated recording software, the rear-panel RIAA defeat switch allows you to defeat the internal hardware-based RIAA equalization in favor of software-based digital RIAA equalization. Two separate power transformers for analog and digital circuits assure the cleanest response and lowest noise.

The Parasound Zphono•USB has stereo input jacks for an MC or MM phonograph cartridge. A choice of MM-47 k Ω , MC-47 k Ω or MC-100 Ω enables you to select the ideal gain and impedance for your cartridge.

The Zphono•USB includes two pairs of stereo line-level input jacks so you can also make digital recordings from other analog sources such as an AM/FM tuner, satellite radio or tape deck. A rumble filter switch and mono/stereo switch can further refine the quality of analog phono listening with older and mono LPs. A headphone jack is provided for easy recording monitoring.



Features:

- USB output to record vinyl collection to PC or Mac
- Front panel adjustable USB gain to maximize recording quality
- Front panel USB clip indicator
- Switchable rumble filter and stereo/mono setting
- RIAA defeat switch allows for post recording digital RIAA equalization
- Settings for MM-47 kΩ, MC-47 kΩ or MC-100 Ω cartridges
- 2 additional inputs for recording line level audio (Tape, Tuner, Sat Radio, etc.)
- Headphone output for monitoring recording
- Dual transformers and analog power supplies
- AC polarity switch to help eliminate hum

Specifications:

Frequency Response: 20 Hz - 20 kHz, ± 0.5 dB

Total Harmonic Distortion: < 0.1% at 20 kHz

S/N Ratio MM: > 74 dB, input shorted, IHF A-weighted (> 65 dB, unweighted)

S/N Ratio MC: > 63 dB, input shorted, IHF A-weighted (> 56 dB, unweighted)

S/N Ratio Line Inputs: > 103 dB, input shorted, IHF A-weighted (> 83 dB, unweighted)

Output Impedance: < 100 Ω

Phono Input Impedance: MM setting: 47 k Ω and MC setting: 47 k Ω or 100 Ω

Input Sensitivity (1 kHz): MM: 5 mV in for 1.1 V output and MC: 0.5 mV in for 1.1V output

USB A-D Converter: 44.1kHz / 16 bit (CD Quality)

AC Power Requirement: 110-130 VAC, 60 Hz or 220-240 VAC, 50 Hz (30 Watts)

(Voltage is selected on the bottom of unit)

Dimensions (WxDxH): = 9.5" (242 mm) X 10" (254 mm) X 2" (51 mm) - with feet

Weight: Net: 5 lbs. (2.3 kg) / Shipping: 8 lbs. (3.6 kg)

Rack Mount Accessory (purchased separately):

- SBS – Side by Side mounting bracket for locking two Z custom units together
- Zblank – Blank panel extender for mounting one Z unit in a standard rack space
- Zrack – Half width desktop rack perfect for up to 5 Parasound Z components

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For more photos, features, specifications and product manuals, visit us at www.parasound.com