



Pass Laboratories

# XP12 Preamplifier

The new XP-12 starts with a new power supply. It uses an efficient toroidal design with both an electrostatic and Mu metal shield, along with vacuum impregnating and epoxy fill. This gives us a very quiet transformer both electrically and mechanically. The power supply circuitry itself is also lower noise and has additional filtering; perhaps a little more complicated, but worth it. The XP-12 uses the single stage volume control borrowed from the Xs line preamp. This gives us one hundred 1 dB steps with lower noise and distortion, while removing some signal path parts. The gain circuitry continues to use our favorite transistors from Toshiba, but has a larger, higher biased output stage like the Xs preamplifier's auto bias. This makes longer and multiple cable runs easier to drive and provides the advantage of simplifying our single-ended output circuitry while increasing performance. Overall this makes for a quieter, more neutral, musical and versatile control center for your system.



## Specifications

- Power consumption 50 Watts
- Gain 9.3dB Balanced
- Frequency response: +/- 0.05 dB 10Hz to 20KHz, -1dB @ 100KHz
- Crosstalk > 100dB
- Residual Noise 15uV 10 – 30KHz
- THD < 0.001 @ 1V 1KHz
- Double shielded low noise toroid
- Dimensions: 17" W x 12.5" D x 4" H

