

Passion PRE550 MKII Pre-amplifier & DAC

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There is a definite warmth of presentation, a fuller lower midrange sets up the YBA's sonic texture. The sound is based on proximity and immediacy. What sounds the most beautiful is the instruments and vocals located in the middle of the frequency range. Yet this occurs without limiting everything to just the midrange. The treble has an open, strong character, with plenty of energy corresponding to the higher registers of the vibraphone, drum cymbals, etc.

PRE550 MKII offers three inputs - one balanced XLR, one unbalanced RCA, and one video pass-through RCA. Combined with pair of unbalanced RCA outputs and one XLR output, PRE550 MKII is a versatile choice for wide range of Hi-Fi setups. And all easily controlled with our classic YBA remote controller.

New Mark II version brings quite a few improvements in its digital section, mainly thanks to a pair of Analog Devices AD1955 DACs, with a native support of PCM up to 24 bit / 192 kHz and DSD64. USB input was also significantly upgraded with the XMOS controller, offering the top-quality sound with a direct connection to your computer.

For use with other digital sources, you can pick from I2S (RJ45), AES/EBU (XLR) or S/PDIF (Optical TosLink, coaxial, BNC) inputs. PRE550 MKII also includes S/PDIF Coaxial output, for use as a transport for a standalone DAC.

If you prefer simpler and wire free setup, PRE550 MKII can be connected directly to your smartphone or tablet over its Bluetooth 5.0 input. Amplifier even supports advanced LDAC and aptX HD Bluetooth codecs for a Hi-Fi quality wireless playback.

When used with a separate source, the whole digital section can be quickly disabled, resulting in an improved performance of amplifier's analog circuit.

Specification

Product type	Preamplifier
Audio Outputs	1 Balanced XLR, 2 RCA & 1 Digital S/PDIF Coaxial
Audio Inputs	1 Balanced XLR & 2 RCA
D/A Converter	Dual Analog Devices AD1955 - Native support up to 24/192 & DSD64
USB Input	XMOS XU208 - PCM 32bit / 768 kHz & DSD512
Bluetooth Input	Qualcomm CSR8675 BT5.0 - LDAC, aptX, aptX HD, AAC, SBC
Other Digital Inputs	Optical, Coaxial, BNC, AES/EBU (XLR) & I2S (RJ45)
Gain	+6 dB
SNR	>110dB
Frequency response	20 Hz - 40 kHz (-0.5dB)
THD+N	0.001% (20 Hz - 20 kHz)
Power supply	2 Linear power supplies with high performance transformer 190VA
Finish	Natural aluminium
Dimensions (w x d x h)	430mm x 412mm x 118mm
Weight	12 kg