

Balancing Art & Science for Musical Integrity



BP20/25 SERIES PREAMPLIFIERS

Bryston's BP20/25 series preamplifiers offer a significant step forward in capturing the subtleties, nuances and emotions of recorded music. Designed inside and out to reflect the improvements in the entire Bryston line, these preamplifiers are a perfect match to our new SST series of amplifiers. All aspects of the signal flow are greatly improved, with lower noise and distortion figures, and higher overload levels.

FEATURES INCLUDE

- Intermodulation distortion has been reduced to less than .0015% from 20 to 20kHz.
- The noise floor has been significantly improved, reducing background hash to far below audibility.
- Input to input crosstalk is essentially nonexistent to eliminate signal bleed-through from one source to another.
- Components plug directly into glass-epoxy circuit boards, eliminating variations in signal travel and wire interaction.
- Signal switching and audio connections utilize heavy gold plating to provide long-term trouble-free connections.
- Gold plated balanced and unbalanced input and output connectors are standard.
- A 12 volt AC/DC screw terminal connector on the rear of the power supply provides for a convenient remote start feature available on all Bryston amplifiers.

All BP20/25 series preamplifiers are housed in steel cabinets for shielding to reduce electromagnetic interference effects. Buffered inputs provide for lower distortion and improved linearity from source components. A ground plane has been incorporated in this new design to further reduce crosstalk and noise throughout the internal circuitry. The power transformer is mounted externally to eliminate power-supply noise interference.

Each and every BP20/25 series preamplifier is assembled by hand and burned in for 100 hours to ensure performance for many years to come. It is backed by a 20 Year Warranty — unrivaled in the industry.



External Power Transformer

Preamplifiers for the Music Connoisseur

THE BRYSTON BP20/25 SERIES OF AVAILABLE PREAMPLIFIERS:

MODEL BP20

- BP20 Line level preamplifier
- BP20P Line level preamplifier with moving magnet phono stage
- BP20MC Line level preamplifier with moving coil and moving magnet phono stage
- BP20DA Line level preamplifier with 2 DAC inputs

MODEL BP25

- BP25 Line level preamplifier with remote control
- BP25P Line level preamplifier with mm phono stage and remote control
- BP25MC Line level preamplifier with mc, mm phono stage and remote control
- BP25DA Line level preamplifier with 2 DAC inputs and remote control

DAC OPTION

The new BP20/25 DA preamplifier provides a digital interface using premium quality digital to analogue converters on 2 switchable stereo SPDIF inputs (RCA) and Bryston's fully discrete Class A operational preamplifier sections.

This digital to analog option provides a state of the art upgrade path for customers wanting to improve the digital capability of their stereo CD or DVD players. Simply plug the digital out from your CD/DVD player into the Bryston BP20/25 DA. The quality of sound using fully discrete Class A operational amplifiers, rather than the typical IC's, has to be heard to be believed.

REMOTE CONTROL FEATURE

The BP-25 version includes a remote control with motor driven volume up/down, along with mute and absolute phase reversal buttons. Volume, mute and absolute phase can also be activated manually on the front of the preamplifiers if the need arises.

MM/MC PHONO SECTION

The huge library of music present on vinyl represents an irreplaceable treasure. As such it becomes more important than ever to reproduce the music with the greatest faithfulness to the original recording.

Bryston's unique and innovative Phono Section is available as an optional built in feature in either moving magnet (BP20/25P) and/or moving coil (BP20/25MC) version. It offers a broadcast quality uncomplicated package for those who enjoy the ultimate in vinyl playback. The MM/MC phono stage is also available in an outboard unit – BP 1.5 as well.

Our feeling is that Bryston's BP20/25 series preamplifiers are one of those fortunate circumstances when the long hours and extended listening pays off. The sense of transcending the recording medium and experiencing the original performance is captured with exceptional realism. We invite you to audition one today.



BP 20/25 Series Specifications



Frequency Response:

20Hz-20kHz +/- .05dB

Maximum Output:

15 volts unbalanced, 30 volts balanced

IM or THD:

less 0.0015% at 3 volts out

High Level Intensity:

500mV

Rated Noise:

Ref. 500mV unbalanced input, 20-20kHz - 100dB

Ref. 1 volt balanced input 20-20kHz - 103dB

XLR:

Pin 1 ground, pin 2 positive, pin 3 negative

Features:

2 pair balanced female XLR inputs

1 pair balanced male XLR outputs

5 pair RCA inputs

4 pair RCA + 1 pair phono inputs

(BP-20/25P and BP-20/25MC only)

4 pair RCA + 2 SPDIF digital inputs (BP20/25 DA only)

2 pair RCA outputs

1 tape loop

Finish:

Silver or Black

Dimensions:

19 or 17 x 1.75 x 11 inches,

48.26 or 43.18 x 4.44 x 28 cm

wt: 17 lbs, 7.5 kg

BP20/25 DA Specifications:

Input Sample Rate: 16kHz to 108kHz.

Word Length: 16, 18, 20, 24 Bit

Conforms to SPDIF standard

Distortion: Less than .002%, 20Hz-20kHz

Signal to Noise Ratio: Greater than 100dB

Frequency Response: 20Hz-20kHz +/- .1dB

BP 20/25P Phono Specifications:

Distortion: Less than .005%, IM or THD, any frequency or combination of frequencies from 20-20kHz, at rated output or below

Rated Noise: Phono: -80dBA referred to an input of 5 millivolts RMS @ 1kHz

RIAA Accuracy: Within less than +/- 0.05dB from 20-20kHz inclusive

BP-25MC Phono Specifications:

Distortion: Less than .005%, 20-20kHz, with preamplifier driven to full rated output

Noise: Equivalent to approximately 1000 ohm metal film register (Thermal noise greater than 85dB below 0.6mV input, unweighted)

Gain: 16.5 or 22.5dB (internally restrappable)

Frequency Response: Below 5Hz to above 30kHz, within less than +/- 0.5dB