

BRYSTON

Accuracy in Performance - Elegance in Appearance
Bryston's BP-25 and BP-20 Preamplifiers



Preamplifiers for the Music Connoisseur

20

Year

Warranty

- A

Generation

of

Music

We

Invite

You

To

Audition

One

Today

Balancing Art and Science for Musical Integrity Bryston's BP-25 and BP-20 Preamplifiers

BP-25 Preamplifier



Bryston's new BP-25 and BP-20 line level preamplifiers offer a significant step forward in capturing the subtleties, nuances and emotions of recorded music.

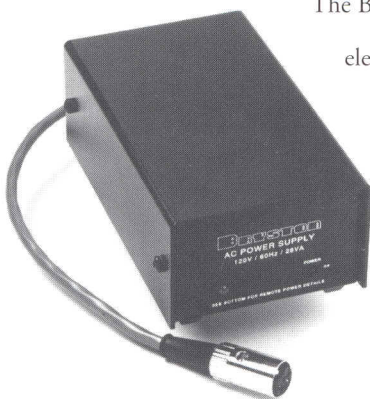
Redesigned inside and out to reflect the improvements in the entire Bryston line, these new preamplifiers are a perfect match to our ST series of amplifiers. All aspects of the signal flow are greatly improved, with lower noise and distortion figures, and higher overload levels.

Improvements include:

- *Intermodulation distortion has been reduced to typically .0025% 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.*
- *Channel-to-channel interaction has been improved substantially, reducing any possibility of component crosstalk.*
- *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 convenient use when used in conjunction with the remote start feature optionally available on all Bryston amplifiers.*

The BP-25 and BP-20 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 and interference.

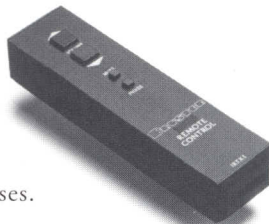


External Power Transformer

BP-25 Preamp

The BP-25 standard features include 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 preamplifier if the need arises.

Remote Control



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.

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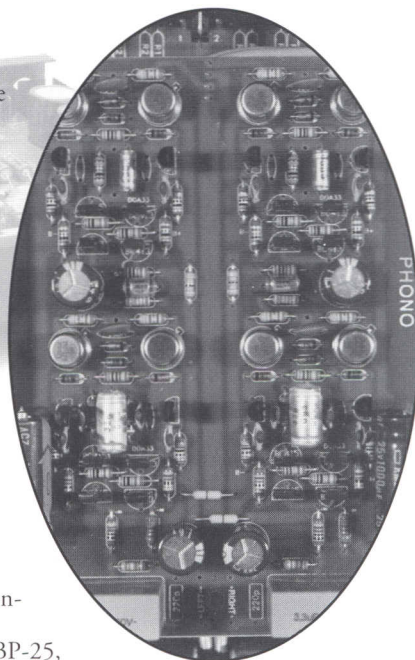
Sound

Investment

Bryston's unique and innovative

Phono Section is available as an optional built in feature on the BP-25. Allowing for switchable moving-magnet

(BP-25P) and moving-coil (BP-25MC) facilities, it offers a no compromise uncomplicated package for those who enjoy the ultimate in vinyl playback.



BP-20 Preamp

The Bryston Model BP-20 preamplifier offers the identical sonic performance, quality and reliability as the BP-25, but is designed for sound systems which do not require remote control or phono capability. The phono input on the BP-25 is substituted, providing the BP-20 with a total of five high level inputs.

BP-25P Phono Section

Our feeling is that Bryston's BP-25 and BP-20 is one of those fortunate circumstances when the long hours and extended listening pay off. The sense of transcending the recording medium and experiencing the original performance is captured with exceptional realism. Nothing but a listening test will convey the feeling of musical perfection available in the Bryston preamplifiers. We invite you to audition one today.

Preamplifiers for the Music Connoisseur

Bryston's BP-25 and BP-20 Specifications

	BP-25 SPECIFICATIONS	BP-20 SPECIFICATIONS
Frequency response	20Hz-20kHz +/- .05dB	20Hz-20kHz +/- .05dB
Maximum output	15 volts, unbalanced 30 volts, balanced	15 volts, unbalanced 30 volts, balanced
IM or THD	<0.0025% at 3 volts out	<0.0025% at 3 volts out
High level sensitivity	500mV	500mV
Rated noise	Ref. 500mV unbalanced input, 20-20kHz - 100dB Ref. 1 volt balanced input 20-20kHz - 103dB	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	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 + 1 pair phono inputs (BP-25P and BP-25MC only) 2 pair RCA outputs 1 tape loop	2 pair balanced female XLR inputs 1 pair balanced male XLR outputs 5 pair RCA inputs 2 pair RCA outputs 1 tape loop
Dimensions	17 x 1.75 x 11 inches 43.18 X 4.44 X 28 cm	17 x 1.75 x 11 inches 43.18 X 4.44 X 28 cm
Weight	17 lbs, 7.5 kg	16 lbs, 7 kg

Optional rack mount brackets available

BP-25P 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 SPECIFICATIONS

Distortion

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

Noise

Equivalent to approximately 1000 ohm metal film resistor (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

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Environmental responsibility is a high priority at Bryston. We have taken considerable steps in producing this literature to ensure we meet or exceed recognized environmental standards concerning paper, inks, and printing.

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