

Bryston B-60 SST Integrated Amplifier

Performance, Reliability, and Convenience



THE CHALLENGE:

To design an integrated audio amplifier with none of the compromises usually associated with this approach. Our design team has surpassed the challenge.

The Bryston B-60 Integrated Amplifier is without question one of the most sonically transparent and reliable audio products available. It offers performance levels equal to the finest separate audio components.

The B-60 provides 60 watts per channel at 8 ohms and 100 watts per channel at 4 ohms. There are provisions for four high level inputs, (CD, Tuner, Video and Aux or DAC option) in addition to one tape loop and a pre-out/main-in feature. A headphone jack is provided for those requiring monitoring and private listening provisions. An optional motor driven volume remote control is also available. This motorized volume approach ensures the lowest possible distortion of the audio signal.

- Two completely separate and independent custom toroidal power supplies are employed to prevent any possibility of channel to channel cross talk or interference.
- Our unique ultra-linear input buffer with gain results in a substantial reduction in noise floor and distortion.
- Pre-out/main-in connectors allow for complete separation of the preamplifier and power amplifier sections making multi-channel system integration quick and easy.

- Gold plated five-way speaker binding posts and gold plated RCA input and output connectors provide long-term trouble-free connections.
- Headphone output on the front panel allows for monitoring and private listening.
- Optional motor driven volume up/down/mute hand held remote control.
- High current reserves for lightning-fast response.

DAC OPTION

The new B-60 DA preamplifier provides a digital interface using premium quality digital to analogue converters on 1 switchable stereo SPDIF inputs (RCA) and Bryston's fully discrete Class A operational preamplifier sections.

PERFORMANCE WITHOUT COMPROMISE

With today's increased clarity and dynamic range in recordings and movie soundtracks you need equipment that not only equals but surpasses the parameters for the most demanding material available. The Bryston B-60 Integrated Amplifier is without peer in meeting this performance challenge.

If your requirements are for sonic excellence in a versatile, convenient package, without compromises in performance, value and reliability, look no further than the Bryston B-60 Integrated Amplifier.

Bryston B-60 SST Specifications



PREAMPLIFIER

Frequency Response	20Hz - 20kHz +/- .05bd
Maximum Output	15 volts
IM or THD	Less than 0.005% at 3 volts out
High Level Sensitivity	500mV
Rated Noise	Ref. 500mV 20-20kHz - 100dB
Features	4 stereo RCA inputs 3 with DAC option 1 stereo RCA output 1 stereo tape loop Headphone output Gold plated switch contacts and connectors Optional remote, volume and mute Optional MM phono stage Optional DAC

BP60 DA

Input Sample Rate	16kHz to 108kHz
Work 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

AMPLIFIER

Watts	60 watts per channel, 8 ohms 100 watts per channel, 4 ohms
Harmonic Distortion	Less than 0.02% from 20Hz to 20kHz at 60 watts
IM Distortion	Less than 0.01% from 10 milliwatts to 60 watts
Noise	106dB below full output
Slewing Rate	Greater than 60 volts per microsecond
Power Bandwidth	.5Hz to over 100kHz
Damping Factor	Over 500 at 20Hz, ref. 8 ohms
Input Sensitivity and Impedance	.775 volt in for full output 50 k
Features	Regulated power supplies to all voltage gain stages Each channel employs completely independent power supply Will deliver full output to any phase angle at 4 ohms or higher. 1 stereo RCA input, 50K Pre-out/main-in connectors
Dimensions	19 x 17 x 1.75 x 10.5 inches, 48.26 or 43.18 x 4.44 x 26.67 cm wt: 19 lbs, 8.5 kg
Finish	Silver or Black