


# The Bryston SST Series

*Modular amplification  
for stereo, home theater,  
and professional applications*

## 3B SST

The 3B SST stereo amplifier, at 150 Watts per channel, provides all the sonic virtues and the same high value as our more powerful 4B SST but in a package which is both compact and less costly. Historically, the 3B has found favor in a wide range of audio/video systems which call for only moderate amounts of power but wish to avoid sacrificing sonic accuracy and long-term reliability.

 Dual-channel (stereo)  
amplifier

*Illustration PMC model LB 1*

**250W** into 4 Ohms  
**150W** into 8 Ohms



The 3B SST may also be switched to bridged mono, providing 400 Watts into 2 Ohms

**40<sup>th</sup>**  
ANNIVERSARY

**BRYSTON**

**20-YEAR WARRANTY**  
*Unlimited, unprecedented, unequalled*

Bryston Limited P.O. Box 2170, 677 Neal Drive,  
Peterborough, Ontario Canada K9J 7Y4  
Phone: 1-800-632-8217 [www.bryston.ca](http://www.bryston.ca)

# The Bryston SST Series

## 3B SST



### FEATURES

- Front panel membrane power switch
- Toggle power switch on rear panel
- No fuses; protected by resettable circuit breaker
- Soft-start circuit on power up
- Modular construction
- Quad-complimentary output stage
- Multiple filter capacitance per channel
- Independent power supply for each channel
- Robust pro audio construction
- Audiophile sound quality
- Selectable external power-up
- Quick-connect remote 12V power trigger input
- Delayed output on trigger
- Selectable gain settings for each channel
- Balanced and single-ended inputs
- XLR or 1/4" phone jack for balanced input
- RCA jack for single-ended inputs
- Channel status LED indicators
- Option of 17" shelf mount or 19" rack mount
- Rack mount version include handles
- Option of silver or black faceplate
- UL, CE, and CSA approved
- Available for 100V, 120V, or 240V power
- 20-Year Unlimited Warranty



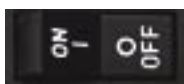
Power LEDs on the front panel indicate each channel's functional status — green for power-on, red for overdrive.



Quick-connect 12 Volt trigger input allow remote on/off triggering of your amplifier(s).



"Electronic" front panel membrane power switch (no moving parts); rear panel toggle power switch doubles as circuit breaker reset (no fuses).



SST Input flexibility: XLR or 1/4" phone jack for balanced signals and RCA jack for single-ended source; input gain is selectable.



Modular design with independent power supplies each with its own transformer for precise sound-staging.

As Bryston makes a great many of the amplifiers found in professional studios and concert venues, we make all amplifiers available in standard 19" rack mount configuration with handles, as well as the 17" shelf-mount version preferred by many consumers. Either size aluminum front panel may be ordered in a silver or black finish.

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## **3B SST** Dual-channel (stereo) amplifier

### SPECIFICATIONS

<b>Power output</b>	250 Watts per channel into 4 Ohms; 150 Watts per channel into 8 Ohms
<b>Distortion</b> <i>IM or THD+noise</i>	< 0.007% from 20Hz to 20kHz at rated output into 4 Ohms < 0.005% from 20Hz to 20kHz at rated output into 8 Ohms
<b>Gain &amp; Sensitivity</b>	1 Volt setting 29dB; 1.3V 2 Volt setting 23dB; 2.6V
<b>Noise</b>	<i>(Measured with input shorted; 20Hz. to 20kHz.)</i> >110dB below rated output @ 29dB gain (-75dBu) >113dB below rated output @ 23dB gain (-78dBu)
<b>Slew rate</b>	Greater than 60 volts per microsecond
<b>Power bandwidth</b>	From less than 1 Hz to over 100 kHz
<b>Damping factor</b>	Over 300 at 20 Hz, ref. 8 Ohms
<b>Input Impedance</b>	50kOhms single-ended, 20kOhms balanced

### Dimensions

Rack mount version (with handles)	19 x 5.25 x 12.5 in. 48.3 x 13.34 x 32 cm
Mounted rack depth	11 in./28 cm
Shelf mount version (without handles)	17 x 5.25 x 11 in. 43.2 x 13.3 x 28 cm
Approx. weight	40 lbs/18 kg

### Power and heat specifications

#### Max. power consumption

90 Watts at idle  
1096 Watts at rated output into  
4 or 8 Ohms

#### Max. heat dissipation

307 BTU/hr. at idle  
2057 BTU/hr. at rated output into  
4 or 8 Ohms



Canada's largest independent manufacturer of high-end audio electronics for consumers and professionals. Founded 1962.

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