



Bryston ST Series Specifications

	3B ST SPECIFICATIONS	4B ST SPECIFICATIONS	7B ST SPECIFICATIONS	8B ST SPECIFICATIONS
Watts	120 watts per channel, 8 ohms	250 watts per channel, 8 ohms	500 watts mono, 2 or 8 ohms	Four channels at 120 watts, 8 ohms
	200 watts per channel, 4 ohms	400 watts per channel, 4 ohms	800 watts mono, 1 or 4 ohms	Two channels at 400 watts, 8 ohms
	400 watts, bridged, 8 ohms	800 watts, bridged, 8 ohms		One channel at 400 watts, 2 channels at 120 watts, 8 ohms
Distortion	Less than 0.007% from 20Hz to 20kHz at 120 watts, IM or THD	Less than 0.007% from 20Hz to 20kHz at 250 watts, IM or THD	Less than 0.007% from 20Hz to 20kHz at 500 watts, IM or THD	Less than 0.007% from 20Hz to 20kHz at 120 watts or 400 watts, IM or THD
Noise	>106dB below full output	>106dB below full output	>106dB below full output	>106dB below full output
Slewing rate	Greater than 60 volts per microsecond	Greater than 60 volts per microsecond	Greater than 60 volts per microsecond, parallel	Greater than 60 volts per microsecond in 4 channel mode
		Greater than 120 volts per microsecond, bridged	Greater than 120 volts per microsecond, bridged	Greater than 120 volts per microsecond in 2 channel mode
Power bandwidth	Less than 1Hz to over 100kHz	Less than 1Hz to over 100kHz	Less than 1Hz to over 100kHz	Less than 1Hz to over 100kHz
Damping factor	Over 500 at 20Hz, ref. 8ohms	Over 500 at 20Hz, ref. 8ohms	Over 300 at 20Hz, ref. 8 ohms	Over 500 at 20Hz, ref. 8 ohms
Input sensitivity and impedance	1.0V in for full output, 50k unbalanced 2.0V in for full output, 20k balanced	1.4V in for full output, 50k unbalanced 2.8V in for full output, 20k balanced	1.0V in for full output, 50k unbalanced 2.0V in for full output, 20k balanced	1.0V in for full output, 50k unbalanced 2.0V in for full output, 20k balanced
Features	Stereo/mono switch	Stereo/mono switch	Series/parallel switch	Two independent stereo/mono switches
	Over 3,200cm ² of heat-sinking; over 5,000cm ² with chassis	Over 6,400cm ² of heat-sinking; over 9,600cm ² with chassis	Over 6,400cm ² of heat-sinking; over 9,600cm ² with chassis	Over 6,400cm ² of heat-sinking; over 9,600cm ² with chassis
	Regulated power supplies to all voltage gain stages	Regulated power supplies to all voltage gain stages	Regulated power supplies to all voltage gain stages	Regulated power supplies to all voltage gain stages
	Gold plated input and output connectors	Gold plated input and output connectors	Gold plated input and output connectors	Gold plated input and output connectors
	Switchable balanced XLR-1/4 inch and RCA unbalanced inputs	Switchable balanced XLR-1/4 inch and RCA unbalanced inputs	Switchable balanced XLR-1/4 inch and RCA unbalanced inputs	Switchable balanced XLR-1/4 inch and RCA unbalanced inputs
Warranty: 20 years parts, labour, shipping one way	Warranty: 20 years parts, labour, shipping one way	Warranty: 20 years parts, labour, shipping one way	Warranty: 20 years parts and labour, shipping one way	
Dimensions	19 x 5.25 x 9 inches, 48.25 x 13.33 x 22.8 cm, wt: 22lbs, 10kg	19 x 5.25 x 15.5 inches, 48.25 x 13.33 x 39.4 cm, wt: 42lbs, 18kg	19 x 5.25 x 15.5 inches, 48.25 x 13.33 x 39.4 cm, wt: 42lbs, 18kg	19 x 5.25 x 15.5 inches, 48.25 x 13.33 x 39.4 cm, wt: 44lbs, 20kg

All ST amplifiers are available in 17" versions with or without handles.

All ST amplifiers available in THX versions, include remote power on/off function.

*5B-ST – three (3) channel 120 watt per channel amplifier also available.

Amplifiers

Designed

to

Last

a

Lifetime



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.

BRYSTON

20 Year Warranty – A Generation of Music

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