Bryston

Cubed Series Amplifiers

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Bryston amplifiers enjoy universal acclaim from both audio professionals and music enthusiasts unlike any other brand in the world. As a result of relentless passion for superb performance and unparalleled build quality, Bryston engineers have continued to innovate since our groundbreaking premier in 1976. The Cubed Series amplifiers continue this tradition of excellence, highlighted by lower distortion, increased bandwidth and reduced noise, presenting listeners with a crystal clear window into their most favorite recordings.

Bryston Cubed Series Amplifiers, featuring patented circuitry developed in conjunction with Dr. Alexandru Salomie, move the listener ever so close to the music with such visceral realism, the experience is most comparable to live performance.

This is the Bryston Cubed Series.

What defines high performance?

Reproducing exactly what is captured in a recording without exception and without added distortion. Each Bryston Cubed amplifier is designed without compromise in pursuit of this lofty goal.

What's New?

Bryston engineers, led by Christopher Russell, have been busy over the years since the advent of the SST² Series finding new methods to reduce noise and distortion to reveal more nuance and subtlety than ever before. Cubed Series amplifiers employ significant improvements including:

- Dramatically less distortion at input stage
- Improved common mode noise rejection
- Major reduction in EMI/RFI noise rejection
- Less than 500mW standby power consumption
- Update dress panel aesthetic with clean lines and new finish.

Extreme Clarity and Detail

At Bryston, finding ways to eliminate distortion from our designs is a way of life. All Cubed Series amplifiers feature a new patented input circuit that is precisely optimized and linear beyond any we've used before. Featuring twelve active devices in a groundbreaking array, this new circuit both matches the amplifier to virtually any preamplifier and provides the first 6dB of gain. The new input stage is so transparent, its measurable distortion is less than 1/1000th of 1 percent!

RFI distortion is now trapped right at the input rather than simply mitigated once it has permeated the amplifier. Cubed Series amplifiers are virtually impervious to noise induced by external and environmental causes.

The Quad-Complementary topology improves linearity to a new standard of accuracy while virtually eliminating aggressive higher harmonic distortion byproducts. The overall harmonic distribution of Bryston's Quad-Complementary output mimics the characteristics of a class-A design but with dramatically lower distortion. Each amplifier channel includes its own fully independent power supply with separate transformer.

At Bryston, we strive for accuracy and transparency because that is what sounds best. When a playback system is faithful to the recording, the listener can enjoy the most subtle details, capturing the depth and soul of the performance as the artist intended.

Legendary Quality

Cubed Series amplifiers employ design innovation to achieve superior performance yet so much has remained constant through years of evolution. Each amplifier is manufactured in our state-of-the-art facility located in Peterborough, Ontario Canada with many locally sourced components. Many members of the Bryston team have been with the company for decades and take great pride in their highly specialized craft.

All Bryston products are proven on our test bench for one hundred hours of burn in before shipping. Amplifiers cycle between full power and idle in thirty minute intervals to discover faults which are often illuminated by thermal stress. Our reputation for reliability is without peer.

Not only do our amplifiers undergo pass/fail testing, but each must achieve excellence in performance benchmarks as well. With every amplifier, you will receive a sheet detailing the specifications of your exact amplifier so you can be certain of its outstanding quality.

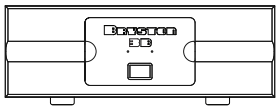
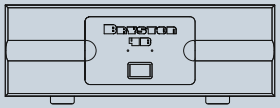
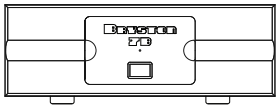
To demonstrate our commitment to excellence and performance, every Bryston amplifier is warranted to be free of defects in materials and workmanship for a full twenty years.

Options

All amplifiers are available in either C-Series or PRO versions. C-Series models are available in black or silver colored dress panels and 17 or 19 inches wide. Nineteen inch wide models include front mounted handles (add 1.6 inches to depth listed below).

PRO models are always black and include rack mountable 19 inch wide dress panels plus front mounted handles (add 1.8 inches to depth listed below). PRO models also include individual channel trim pots on the rear panel.

Performance specifications below are minimum passing figures. Individual samples may be better.

	**2.5B³**	Weight (pounds): 28	Watts per Channel (8Ω): 135
	Channels: 2	THD+N (full bandwidth): ≤0.005%	Watts per Channel (4Ω): 180
	Height x Depth (inches): 4.5 x 14.3	Noise (full bandwidth): ≤-115 dB	Watts Bridged Mono (8Ω): 360
	**3B³**	Weight (pounds): 42	Watts per Channel (8Ω): 200
	Channels: 2	THD+N (full bandwidth): ≤0.005%	Watts per Channel (4Ω): 350
	Height x Depth (inches): 6.3 x 11.5	Noise (full bandwidth): ≤-115 dB	Watts Bridged Mono (8Ω): 500
	**4B³**	Weight (pounds): 63	Watts per Channel (8Ω): 300
	Channels: 2	THD+N (full bandwidth): ≤0.005%	Watts per Channel (4Ω): 500
	Height x Depth (inches): 6.3 x 16.2	Noise (full bandwidth): ≤-115 dB	Watts Bridged Mono (8Ω): 900
	**7B³**	Weight (pounds): 55	Watts per Channel (8Ω): 600
	Channels: 1	THD+N (full bandwidth): ≤0.005%	Watts per Channel (4Ω): 900
	Height x Depth (inches): 6.3 x 16.2	Noise (full bandwidth): ≤-116dB	
	**14B³**	Weight (pounds): 91	Watts per Channel (8Ω): 600
	Channels: 2	THD+N (full bandwidth): ≤0.005%	Watts per Channel (4Ω): 900
	Height x Depth (inches): 8.1 x 18.4	Noise (full bandwidth): ≤-120dB	
	**28B³**	Weight (pounds): 90	Watts per Channel (8Ω): 1000
	Channels: 1	THD+N (full bandwidth): TBD	Watts per Channel (4Ω): 1800
	Height x Depth (inches): 8.1 x 18.4	Noise (full bandwidth): TBD	

Bryston Ltd. | 677 Neal Drive Peterborough, Ontario Canada K9J 6X7 | 1 705 742 5325
contact@bryston.com | www.bryston.com