

# SST<sup>2</sup> C-SERIES

*fuel for the senses*



**POWER SQUARED<sup>2</sup>**



# INTRODUCING THE **SST² C-SERIES**

## OUR GOAL

For over 30 years, Bryston has had a continuing commitment to design and manufacture the most accurate and reliable audio electronics. The performance, value, and reliability of our amplifiers, and our unrivaled warranty, have brought us recognition in the world of pro audio, as well as with reviewers and home users. But there is no product that cannot be made better. To this end, we maintain an extensive research and development program, constantly investigating techniques, technologies, and devices that promise improvements to all aspects of our amplifiers. The Bryston SST² C-Series is the direct result of this on-going quest, and represents a significant step forward in the art and science of audio amplification.

## 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 of the most demanding material available. The SST² C-Series is without peer in meeting this performance challenge.



## WHAT WE'VE DONE

Depending on the specific amplifier model advancements in the SST² Series include:

- New power supply transformer design
- New push on/off power switch
- New chassis design
- New Soft-Start Circuit
- New Balanced input stage
- New Power Supply board
- Bridging mode performance improvement
- Reduced point to point wiring
- Reduced circuit board count
- Redesigned output chokes

Modular design and separate power supplies for each channel ensure cross-talk is essentially nonexistent, and provide precise and focused soundstaging. Components mount directly into glass-epoxy circuit boards, eliminating variations in signal travel and wire interaction. Reviewers agree: sound quality is improved to a stunning degree, realizing a higher, and far more consistent standard of musical accuracy across a line of amplifiers than ever before possible.

# SONIC SUPERIORITY **BY DESIGN**

## **DESIGN PHILOSOPHY ENSURES SONIC SUPERIORITY**

From input to output, all the circuitry in the SST<sup>2</sup> C-Series of amps has been optimized for the most accurate performance possible. All analog signal circuitry is fully discrete to avoid the compromises, phase shift, and non-linearities inherent in IC's. The Bryston SST<sup>2</sup> C-Series<sup>2</sup> amplifiers incorporate an innovative gain stage topology, which yields a substantially lower noise floor through the use of low-impedance pathways within the amplifier, and has strong advantages in reducing overall distortion. Bryston's computer controlled distortion analyzers confirm that IM distortion of less than 10 parts per million (below 0.0009%) are typical for this new circuitry. All SST<sup>2</sup> amplifiers use Bryston's proprietary output stage, which we call "Quad-Complementary." The Quad-Complementary topology improves linearity to a new standard of accuracy, while virtually eliminating aggressive higher harmonic distortion products. The overall harmonic distribution of Bryston's Quad-Complementary output stage



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

Above LED indicators on Bryston 9B SST<sup>2</sup> C-Series 5-channel amplifier.

closely approaches an ideal Class-A output, except that the overall distortion is actually much lower. (True class-A output stages suffer from relatively high current-induced distortion levels, consisting of mostly lower-order harmonics). The listening characteristics display a high degree of transparency without harshness or grain. The annoyances previously ascribed to 'transistor sound' are absent, and the amplifier seems to combine the seductive lushness of tube equipment with the focus and accuracy of solid-state.



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

Above Bryston model 6B SST<sup>2</sup> 3-channel amplifier

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



## **MODULAR DESIGN/INDEPENDENT POWER SUPPLIES**

No matter how good an amplifier's signal path may be, it's meaningless if it's starved in the power supply, an all too common way of cutting costs. One of the things that makes the Bryston SST<sup>2</sup> C-Series unusual is our insistence that every amplifier in the line have a completely separate and independent power supply for each channel, including its own toroidal transformer.

# SOLID CONSTRUCTION

Bryston's research has shown that separate power supplies provide the best imaging, clarity, and dynamic range — all attributes that are especially crucial given the emerging and demanding high resolution digital sources. The power supplies employ multiple filter capacitors per channel, rather than single pairs of larger filter cans, allowing improved high frequency response, and reducing overall losses in the supply. In the 9B SST<sup>2</sup>, and 6B SST<sup>2</sup> models we carry the modular concept further, making the channels removable.

## SUPERIOR INGREDIENTS

We use only the finest components — such as 0.1% metal-film resistors, polypropylene capacitors, custom-wound toroidal transformers, and hand-matched transistors — to reduce noise and distortion to the absolute minimum. Gold-plated balanced or single-ended (RCA) input connectors are standard as well as gold-plated 5-way loudspeaker binding posts, to eliminate possible causes of distortion from corrosion. As befits products intended for use on stage as well as in the home, the SST<sup>2</sup> chassis are extremely robust.

## FLEXIBILITY & FEATURES

SST<sup>2</sup> amplifiers offer feature flexibility. For example, all allow a choice of input connection — balanced XLR-F, balanced 1/4" phone, or single-ended RCA jack — together with a switch to select gain settings. A trigger input allows system-wide on/off control. Overall, the SST<sup>2</sup> Series itself facilitates flexibility in putting together the total system through a variety of channel and power output options.

## THE RESULT

Although the description of circuit innovations can indicate the research and commitment we bring to the design and manufacturing of our products, it's not the whole story. The purpose of all this technology is to place you within the scene of the movie, or to transport you to the actual musical event. Whether you can experience all the drama, movement, and emotions intended is the one truly meaningful measure of any audio/video system. Take the time to visit your Bryston dealer and audition our SST<sup>2</sup> Amplifiers. We think that you'll rediscover how exciting audio can be.



# RELIABILITY & **SUPPORT**

## **BUILT TO LAST**

The techniques and custom materials that Bryston brings to bear every day in the construction of audio equipment are more typically found in industrial plants building military and aerospace electronics. Our traditional adherence to proprietary parts, sophisticated construction techniques, and in-depth testing prevents the unit-to-unit variability typical of mass produced product and assures that your amplifier will perform for many years without concern.

## **HAND ASSEMBLED WITH CARE:**

All audio products we make are hand assembled and individually tested by a dedicated team of Bryston employees in our own North American manufacturing facility.

## **UNIQUE BURN-IN PROCEDURE**

Each and every Bryston audio product undergoes an extensive quality control “burn-in” procedure. Following a complete operational checkout, every amplifier is placed on a test-bench and run for 100 hours at full output (one-hour on/one-hour off for additional thermal stress), with a high

frequency square-wave input and a capacitive load. This extremely rigorous burn-in quickly “matures” components and weeds out any potential premature failures. The result is reliable trouble-free performance for many years.

## **EASY SYSTEM UPGRADES**

We’ve designed the SST<sup>2</sup> Series to take into account that systems change. There’s a full range of channel and power options, several amplifiers may be operated in bridged mono mode, and the 9B SST<sup>2</sup> may be ordered with as few as 3 channels, and later expanded up to 5 channels.

## **ON-LINE CUSTOMER SUPPORT**

The Bryston website allows for downloading of technical bulletins, product addenda, and complete user manuals.

## **OUR WARRANTY**

Our commitment to build-quality and quality assurance is why every SST<sup>2</sup> amplifier we manufacture features an unlimited, transferable warranty, a warranty that remains unequaled by any other audio manufacturer in the world.



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

Above left to right Model 4B SST<sup>2</sup> input connectors, balanced/single-ended switch, and (Pro model only) input gain adjustment.



**We make all amplifiers available in standard 19" faceplates with handles, as well as the 17" versions. Either size aluminum front panel may be ordered in a silver or black finish. A special order 19" rack mount version is also available on request.**

Above (left to right) 7B SST<sup>2</sup> 19" faceplate; 14B SST<sup>2</sup> 17" version.

# INTRODUCING THE **28B SST<sup>2</sup> MONO AMPLIFIER**



## **OUR MISSION**

To design a state of the art 1000 watt power amplifier that does not compromise performance at 1/10th power.

A significant part of the design criteria for the 28B SST<sup>2</sup> was to develop a very powerful amplifier that would drive any speaker on the planet but maintain an ideal power curve at 1 watt as well as at 1000 watts and every power level in between. Most amplifiers exhibit a power curve whereby the best noise floor, drive capability and distortion is maintained from about 1/3 power and up.

The Bryston 28B-SST<sup>2</sup> Mono amplifier maintains its power curve right from the first watt. This results in a **BIG POWERFUL** amplifier that sounds incredibly detailed and musical at very low levels and maintains that same

sophistication and drive capability with even the most difficult, inefficient speakers, large or small.

The Bryston 28B-SST<sup>2</sup> is a fully balanced output amplifier (BRIDGED), which has reduced THD and IMD to unprecedented low values, (typically 0.001% or less), for a new degree of transparency, musicality and ease of listening. Superbly low noise floor, typically below -115dB, yields an inky black silence between notes for hauntingly realistic reproduction. Tremendous power reserves give the 28B-SST<sup>2</sup> virtually perfect freedom from overload on any type of speaker or music, bringing the performance and realism directly into your listening environment. The 28B's ability to resolve subtle musical details has to be heard to be believed – it truly sets a new standard : Mission accomplished.

# SONIC SUPERIORITY

## FEATURES

- Selectable input – balanced (xlr) or single ended (rca)
- Selectable gain - 1v = 29db or 2v = 23dB
- External power on off control - 12v trigger
- New micro controlled soft start
- New power switch
- All A/C is totally shielded from Audio circuits
- Maintains exceptionally low noise and distortion from very low to very high power demands

## HEAT SINKS

The Bryston 28B-SST<sup>2</sup> employs a total new computer modeled heat sink design maximizing heat dissipation for long-term “fan-free” operation into the most demanding speaker loads.

## POWER SUPPLY

The Bryston 28B-SST<sup>2</sup> is a single channel mono block power amplifier capable of delivering over 1000+ watts of power. To provide this power the 28B POWER SUPPLY utilizes a 2000 VA custom power transformer, with 120,000 uf of filter capacitance, supply rails of +/- 90v. The component layout has been optimized so power path

lengths are very short, and all wire has been eliminated after the power transformer.

## DESIGN PHILOSOPHY ENSURES SONIC-SUPERIORITY

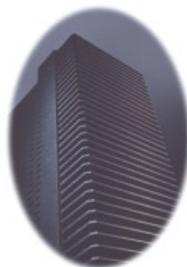
- All analog signals are delivered by fully discrete components.
- All critical transistors are closely matched.
- All capacitors are selected for long life.
- All audio connectors are gold plated, to be trouble free.

## THE CONSEQUENCE

Obviously the goal of all this technology is to transport you to the scene of the movie or the location of the musical recording. Experiencing all the drama, movement and emotions intended is the one and only true measure of any audio/video system. We know you will agree the Bryston 28B-SST<sup>2</sup> Mono Amplifier provides you with an open window on the musical experience. If your requirements are for sonic excellence in both analog and digital formats without compromises in performance, value and reliability look no further than the Bryston 28B-SST<sup>2</sup> Mono Amplifier.



**2000 VA  
Power Supply**



**Heatsink Design  
Maximizing Heat  
Dissipation For  
Long-Term “Fan-Free”  
Operation**



**Remote 4-12 Volt  
Power Trigger Input**

# 28B SST<sup>2</sup> TECHNICAL SPECIFICATIONS

## DESCRIPTION

The 28B-SST<sup>2</sup> is a powerhouse balanced mono amplifier providing a minimum of 1000-watts at 8-ohms.

## POWER OUTPUT

1000 watts into 8Ω

## GAIN (SENSITIVITY) SELECT

1V setting = 29dB of gain = 100 watts @ 8 Ω

3.2V = 1000 Watts @ 8Ω

2V setting = 23dB of gain = 100 Watts @ 8Ω

6.4V = 1000 Watts @ 8Ω

## INPUT IMPEDANCE

Single ended: 15K Ω

Balanced: 20K Ω

## DISTORTION IM OR THD+NOISE

< 0.005% 20Hz to 20kHz at 1000 watts into 8Ω

## NOISE

Measured with input shorted - 20Hz to 20 kHz.

>110dB below rated output 29dB gain (- 75dBu)

>113dB below rated output 23dB gain (- 78dBu)

## SLEW RATE

> 120 volts per microsecond

## POWER BANDWIDTH

< 1 Hz to over 100 kHz

## DAMPING FACTOR

Over 500 at 20 Hz, ref. 8 ohms

## DIMENSIONS:

Maximum dimensions for 19" w version with handles

48.3 x 20.5 x 52.1cm (19" w x 8.05" h x 20.525" d)

## WEIGHT:

Approx. 42 kg - 92 lbs

## POWER CONSUMPTION & HEAT LOAD

Power consumption at Idle ≈ 215 Watts

Max. heat dissipation at idle ≈ 733 BTU/Hr.

Power consumption @ 1000W output

into 8 ohms ≈ 1486 Watts

Max. Heat dissipation @ 1000 Watts output

into 8 ohms ≈ 1658 BTU/Hr.

Maximum power output at onset of

clipping into 8Ω ≈ 1300 Watts

Power consumption at 1300 Watts

output into 8Ω ≈ 2640 Watts

Max. heat dissipation @ 1300 Watts

output into 8Ω ≈ 4572 BTU/Hr

Power output under normal operating

conditions (1/8th max. pwr.) ≈ 161 Watts

Current consumption under normal

operating conditions ≈ 9.3 Amps

Max. heat dissipation @ 1300 Watts output

into 8Ω ≈ 955 BTU/Hr

## MODELS AVAILABLE:

C-Series - Black or Silver

17 inch without handles or 19 inch with handles

Rackmount Version - Silver or Black 19 inch with handles

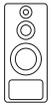
Pro Version - 19 inch rackmount Black with handles

**Specifications subject to change without notice.**

# SST<sup>2</sup> C-SERIES

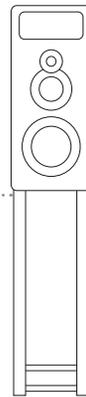
## 7B SST<sup>2</sup> C-SERIES

The 7B SST<sup>2</sup> single-channel amplifier employs a balanced-output design that reduces THD and IMD to unprecedented low values (typically 0.001% or less). With a low noise floor (typically below -118dB) and excellent signal tracking characteristics (slew rate of 120 Volts per microsecond), the 7B SST<sup>2</sup> monoblock assures a new degree of transparency, musicality, and ease of listening. Capable of delivering a truly prodigious 600 Watts continuously into 8 Ohms, and with tremendous power reserves, the 7B SST<sup>2</sup> offers virtually perfect freedom from overload on any type of speaker or music.



Single-channel (mono-block) amplifier

**600 W into 8 Ohms**  
**900 W into 4 Ohms**



The 7B SST<sup>2</sup> is also available in a special version for very low impedance loads, i.e., 2 Ohms and below.



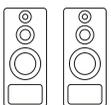
**One advantage of the 7B SST<sup>2</sup>'s Monoblock design is that it allows you to place the amplifier adjacent to the loudspeaker, providing improved performance through lower cable resistance.**



The 14B SST<sup>2</sup> is also available in a special 120 Volt 20 Amp version (requires a dedicated 20 Amp AC outlet).

## 14B SST<sup>2</sup> C-SERIES

Probably the best value “esoteric” high power 2-channel amplifier on the market today, the 14B SST<sup>2</sup> is basically a pair of 7B SST<sup>2</sup> amplifiers on a single compact chassis. Its superbly low noise floor yields an inky black silence between notes for hauntingly realistic reproduction. As a dual mono modular design, it has the power to drive, with breath-taking ease and clarity, speakers which have been considered “impossible” loads in the past.



Dual-channel (stereo) amplifier

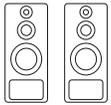
**600 W into 8 Ohms**  
**900 W into 4 Ohms**

**BAYSTON**

# FUEL FOR THE SENSES

## 4B SST<sup>2</sup> C-SERIES

The Bryston 4B is something of a legend. As our most popular model, it has attained international status as an amplifier suitable for the finest and most sophisticated sound systems. In its latest incarnation, the 4B SST<sup>2</sup>, it is a dual mono design delivering a massive 300 Watts per channel into 8 Ohms. Whatever the venue, be it recording studio, concert stage, broadcast facility, home theater installation, or state-of-the-art stereo system, the 4B SST<sup>2</sup> continues as the number one choice.



Dual-channel (stereo) amplifier

**300W into 8 Ohms**  
**500W into 4 Ohms**

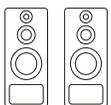


The 4B SST<sup>2</sup> may also be operated in bridged mono, providing 900 Watts into 8 Ohms



## 3B SST<sup>2</sup> C-SERIES

The 3B SST<sup>2</sup> stereo amplifier, at 150 Watts per channel at 8 ohms, provides all the sonic virtues and the same high value as our more powerful 4B SST<sup>2</sup> 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 medium to high amounts of power but wish to avoid sacrificing sonic accuracy and long-term reliability.



Dual-channel (stereo) amplifier

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



The 3B SST<sup>2</sup> may also be switched to bridged mono, providing 400 Watts into 8 Ohms

## 2B SST<sup>2</sup> C-SERIES

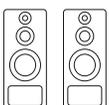


### 2B SST<sup>2</sup> C-SERIES

The first 2B started life way back in 1979 and has become a Classic among discriminating audiophiles worldwide. This latest version of our 2B incorporates all the new SST<sup>2</sup> circuitry and provides twice the power of our original 2B.

From input to output, all the circuitry in the 2B SST<sup>2</sup> amplifier has been optimized for the most accurate performance possible. The Bryston 2B SST<sup>2</sup> amplifier is a compact, high quality 100 watt per channel, (8 ohms), stereo amplifier intended for use in home sound systems requiring a musically accurate, extremely reliable, no compromise power source.

While the 2B has for years been thought of as an exceptionally lucid and transparent amplifier for traditional two-channel stereo setups, it is now finding additional acceptance in such installations as multimedia surround-sound systems, and in the most ambitious music systems with multi-amplified speakers using electronic crossovers.



Dual-channel (stereo) amplifier

**100W** into 8 Ohms  
**180W** into 4 Ohms

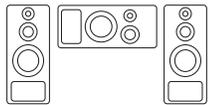


The 2B SST<sup>2</sup> may also be operated in bridged mono, providing **360 Watts** into 8 Ohms

# MULTI CHANNEL POWER

## 6B SST<sup>2</sup> C-SERIES

The Bryston 6B SST<sup>2</sup> provides three channels of powerful amplification in a single chassis. Consisting of three totally independent amplifier modules, each with its own power transformer and power supply, each audio channel will supply effortless power even to the world's most demanding loudspeakers. The 6B SST<sup>2</sup> is a convenient solution for home theater left-center-right amplification and is also a great way of tri-amplifying 3-way loudspeakers.



**3 - channel amplifier**

**300 W into 8 Ohms**  
**500 W into 4 Ohms**



**3 - position sensitivity switch:**  
**1V, 2V, or 4V**



**Polarity switch**  
**on each channel**

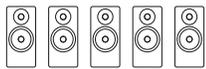
## SPECIFICATIONS AVAILABLE TO ALL SST<sup>2</sup> AMPLIFIERS

<b>Distortion</b>	<b>&lt; 0.005% from 20Hz to 20kHz at rated output into 8 Ohms</b>
<b>IM or THD+noise</b>	<b>&lt; 0.007% from 20Hz to 20kHz at rated output into 4 Ohms</b>
<b>Noise</b>	(Measured with input shorted; 20Hz. to 20kHz.) <b>&gt;110dB below rated output @ 29dB gain (-75dBu)</b> <b>&gt;113dB below rated output @ 23dB gain (-78dBu)</b> <b>&gt;116dB below rated output @ 17dB gain (-78dBu)*</b> <i>*setting available on models 6B &amp; 9B only</i>
<b>Slew rate</b>	<b>Greater than 60 volts per microsecond</b>
<b>Power bandwidth</b>	<b>From less than 1 Hz to over 100 kHz</b>
<b>Damping factor</b>	<b>Over 300 at 20 Hz, ref. 8 Ohms</b>
<b>Input Impedance</b>	<b>2B, 3B, 4B, 6B, 9B - 50k Ohms single ended, 40k Ohms balanced</b> <b>7B, 14B, 28B - 15k Ohms single ended, 20k Ohms balanced</b>

**SST<sup>2</sup> C-SERIES**

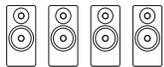
## 9B SST<sup>2</sup> C-SERIES

The Bryston 9B SST<sup>2</sup> is a modular, 5-channel, single-chassis power amplifier delivering 140 Watts per channel into 8 Ohms. The 9B, however, is unique among SST<sup>2</sup> amps — although it also employs modular construction in which each channel is self-contained with audio circuitry, connectors, and an independent power supply, the 9B channel module differs in that it is built on its own removable assembly. This means that not only may any channel be easily swapped in the unlikely event of failure, but also that the 9B may be configured with fewer channels if an application so requires. Indeed, the 9B SST<sup>2</sup> may be ordered in a 3, 4 or 5 channel version. Modular channels are available separately for later expansion.



**5 - channel amplifier**

Also available in:



**4 - channel**



**3 - channel**

**140W into 8 Ohms  
200W into 4 Ohms**



**3 - position  
sensitivity  
switch: 1V,  
2V, or 4V**



**Polarity  
switch  
on each  
channel**

**Removable modular channels  
each delivering 140 Watts @ 8 Ohms**

	<b>7B SST<sup>2</sup></b>	<b>14B SST<sup>2</sup></b>	<b>4B SST<sup>2</sup></b>	<b>3B SST<sup>2</sup></b>	<b>6B SST<sup>2</sup></b>	<b>9B SST<sup>2</sup></b>	<b>2B SST<sup>2</sup></b>	<b>875 HT</b>
19 in./48.3 cm wide rack mount version (with handles)	19 x 5.25 x 17.25 in. 48.25 x 13.33 x 43.8 cm	19 x 7 x 19 in. 48.3 x 17.75 x 48.3 cm	19 x 5.25 x 17.25 in. 48.25 x 13.33 x 43.8 cm	19 x 5.25 x 12.5 in. 48.3 x 13.34 x 32 cm	19 x 7 x 20.5 in. 48.3 x 18 x 52.1 cm	19 x 5.25 x 19 in. 48.3 x 13.33 x 42 cm	19 x 5.25 x 12.5 in. 48.3 x 13.34 x 32 cm	19 x 3.5 x 19 in. 48.25 x 8.9 x 43.18 cm
Mounted rack depth	15.75 in./40.1 cm	18 in./46 cm	15.75 in./40.1 cm	11 in./28 cm	18.4 in./46.7 cm	17 in./43.2 cm	11 in./28 cm	11 in./28 cm
17 in./43.2 cm wide shelf mount version (without handles)	17 x 5.25 x 15.75 in. 43.2 x 13.33 x 40.1 cm	17 x 7 x 19 in. 43.2 x 18 x 48.5 cm	17 x 5.25 x 15.75 in. 43.2 x 13.33 x 40.1 cm	17 x 5.25 x 11 in. 43.2 x 13.3 x 28 cm	17 x 7 x 19 in. 43.2 x 18 x 48.3 cm	17 x 5.25 x 17.5 in. 43.2 x 13.3 x 44.5 cm	17 x 5.25 x 11 in. 43.2 x 13.3 x 28 cm	17 x 3.55 x 11 in. 43.2 x 13.3 x 28 cm
Approx. weight	55 lbs/25 kg	90 lbs/41 kg	60 lbs/27 kg	40 lbs/18 kg	96 lbs/43.5 kg	72 lbs/32.7 kg	30 lbs/13.6 kg	63 lbs/28.6 kg

## GAIN AND SENSITIVITY

SETTING	<b>7B SST<sup>2</sup></b>	<b>14B SST<sup>2</sup></b>	<b>4B SST<sup>2</sup></b>	<b>3B SST<sup>2</sup></b>	<b>6B SST<sup>2</sup></b>	<b>9B SST<sup>2</sup></b>	<b>2B SST<sup>2</sup></b>	<b>875 HT</b>
1 Volt	<b>29dB; 2.3V</b>	<b>29dB; 2.3V</b>	<b>29dB; 2.3V</b>	<b>29dB; 1.3V</b>	<b>29dB; 1.5V</b>	<b>29dB; 2.3V</b>	<b>29dB; 2.3V</b>	<b>29dB; 2.3V</b>
2 Volt	<b>23dB; 4.6V</b>	<b>23dB; 4.6V</b>	<b>23dB; 4.6V</b>	<b>23dB; 2.6V</b>	<b>23dB; 3.0V</b>	<b>23dB; 2.2V</b>	<b>23dB; 2.2V</b>	<b>23dB; 2.2V</b>
4 Volt					<b>17dB; 6.0V</b>	<b>17dB; 4.4V</b>		

# 875 HT C-SERIES AMPLIFIER



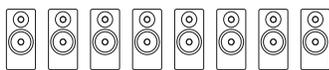
## 875 HT C-SERIES AMPLIFIER

The Bryston 875 HT amplifier represents a state-of-the-art approach to the expanding home theater marketplace. Providing all the features and flexibility necessary to assemble a superb Home Theater Multi-Channel Surround System.

The world famous all new SST<sup>2</sup> technology is implemented throughout the 875 HT amplifier providing the sound quality and incredible flexibility Bryston is famous for. The amplifier offers 8 channels of amplification which can be utilized as independent 75 watt modules or any 2 adjacent channels bridged to 250 watts. Two very large power supplies provide all the reserve needed for the most demanding material available.

## FLEXIBLE OPTIONS WOULD INCLUDE:

- 7.1 surround system incorporating 7 channels at 75 watts and 1 subwoofer channel at 75 watts
- 6.1 surround system incorporating 6 channels at 75 watts and one subwoofer channel at 250 watts
- 5.1 surround system incorporating 3 channels (left/center right) at 250 watts and 2 surround channels at 75 watts
- 7.1 surround system incorporating 250 watts x 4 for surrounds and two back speakers with an additional 3 channel amplifier (Bryston 6B SST<sup>2</sup>) for the front Left/Center Right speakers



8 - channel amplifier

**75W into 8 Ohms**  
**140W into 4 Ohms**  
**250W Bridged into 8 Ohms**

## 20 – YEAR **SST<sup>2</sup>** AMPLIFIER WARRANTY

In a world where most things seem to need frequent upgrading, repair, or replacement, how can Bryston offer a comprehensive, unconditional, and fully transferable warranty on every audio product we make?

The answer would quickly become apparent if you were to tour Bryston's plant in Peterborough, Ontario, Canada. State-of-the-art design facilities, with the latest CAD and circuit simulation software, and an inventory of some of the best and most reliable parts on the planet, combine with a manufacturing philosophy that eschews the artifacts of mass production — robots, moving assembly lines, and, frankly, shortcuts. Every Bryston audio component is handcrafted by people who take great pride in building the very best. Starting with a bare circuit board, for example, each component is hand selected and installed, every wire is cut and bent by hand, every connection is hand soldered. On average, it takes thirty to thirty-five person-hours to assemble a single Bryston product. Is this just some romantic 19th-century notion of the artisan-craftsman, or is there a real benefit to you, the consumer? There is. Take the hand soldering, for example. We could do the job much faster by employing wave-soldering machines as many companies do. But that would mean exposing the entire circuit board to a molten-metal bath, a source of extreme heat shock that could result in long-term reliability problems.

We don't skimp on testing or rush our products through

some last-minute go/no-go check; at every stage individual parts, completed circuit-boards, sub-assemblies, and final assemblies are all put through rigorous inspection and testing procedures. When completed, every Bryston amplifier receives a comprehensive and carefully documented test of all its functions, and the printed results of this computer-aided analysis are actually packed and shipped with each unit. During this intensive procedure, we not only reject any product that falls outside of our advertised specifications, but also any not meeting an even narrower band of specifications that we use for internal testing. As a result, you can expect each Bryston product to perform as least twice as well as the advertised specifications.

Our 20-year SST<sup>2</sup> amplifier warranty drives us in a different direction from the typical manufacturer. We consider a Bryston product to be a mutual investment: by you, in an amplifier of lasting quality, and by us, in that we invest in the quality of the product in order to be secure in offering our warranty. It simply makes good economic sense to produce the very best products we can.

As a result, it can be said that we don't just make amplifiers — we also make friends — extremely satisfied customers who become life-long evangelists for Bryston's philosophy and tell their friends about our products. And, after all, who wouldn't want to give such nice friends a 20-year warranty?

**BRYSTON**



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

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