

# PRE-AMPLIFIERS INTEGRATED AMPLIFIERS PHONO STAGE DAC



BP26/MPS-2



# BALANCING ART & SCIENCE

# FOR MUSICAL INTEGRITY



### **BP-26 SERIES PREAMPLIFIER**

Bryston's BP-26 C-Series preamplifiers offer a significant step forward in capturing the subtleties, nuances and emotions of recorded music. Designed inside and out to reflect the improvements in the entire Bryston line, these new preamplifiers are a perfect match to our SST C-Series of amplifiers. All aspects of the signal flow are greatly improved, with lower noise and distortion figures, and higher overload levels.

All BP-26 series preamplifiers are housed in steel cabinets for shielding to reduce electromagnetic interference effects. Buffered inputs provide for lower distortion and improved linearity from source components. A ground plane has been incorporated in this new design to further reduce crosstalk and noise throughout the internal circuitry. The power supply (MPS-2) is mounted externally to eliminate power-supply noise interference.

Each and every BP-26 C-Series preamplifier is assembled by hand and burned in for 100 hours to ensure performance for many years to come. It is backed by a Warranty — unrivaled in the industry.

### REMOTE CONTROL FEATURE

The BP-26 includes a remote control with motor driven volume up/down, along with mute and absolute phase reversal buttons. Volume, mute and absolute phase can also be activated manually on the front of the preamplifier if the need arises.

### DAC OPTION

The new BP-26DA preamplifier provides a digital interface using premium quality digital to analogue converters on 2 switchable stereo SPDIF (RCA) inputs and Bryston's fully discrete Class A operational preamplifier sections.

This digital to analog option provides a state of the art upgrade path for customers wanting to improve the digital capability of their stereo CD or DVD players. Simply plug the digital out from your CD/DVD player into the Bryston BP-26DA. The quality of sound using fully discrete Class A operational amplifiers, rather than the typical IC's, has to be heard to be believed.

### MM/MC PHONO SECTION

Bryston's unique and innovative Phono Section is available as an optional built in feature in either Moving Magnet (BP-26P) and/or Moving Coil (BP-26MC) version. It offers a broadcast quality uncomplicated package for those who enjoy the ultimate in vinyl playback. The MM/MC phono stage is also available in an outboard unit – BP 1.5 C-Series as well.

# PREAMPLIFIERS FOR THE

# **MUSIC CONNOISSEUR**



MPS-2

### MPS-2 C-SERIES POWER SUPPLY

- New high current output power supply
- Power supply allows attachment of up to 4 different Bryston components
- Lower noise and distortion
- Huge new ultra-low-noise power transformer
- 68000 MFD of Capacitance
- Quick connect 12 volt trigger output
- Switchable 'mute' triggers on each of the 4 outputs
- · Re-settable automatic overload protection on each output

Our feeling is that Bryston's BP-26 C-Series preamplifiers are one of those fortunate circumstances when the long hours and extended listening pays off. The sense of transcending the recording medium and experiencing the original performance is captured with exceptional realism.

We invite you to audition one today.

### **AVAILABLE MODELS:**

- BP-26 Line level preamplifier with volume remote control
- BP-26P Line level preamplifier with MM phono stage and volume remote control
- BP-26MC Line level preamplifier with MC/MM phono stage and volume remote control
- BP-26DA Line level preamplifier with 2 DAC inputs and volume remote control





# **BP 26 SERIES**

# **TECHNICAL SPECIFICATIONS**

### **FREQUENCY RESPONSE:**

20Hz-20kHz +/- .05dB

### **MAXIMUM OUTPUT:**

15 volts unbalanced, 30 volts balanced

### IM OR THD:

less 0.0015% at 3 volts out

### **HIGH LEVEL INTENSITY:**

500mV

### **RATED NOISE:**

Ref. 500mV unbalanced input, 20-20kHz - 100dB Ref. 1 volt balanced input 20-20kHz - 103dB

### XLR:

Pin 1 ground, pin 2 positive, pin 3 negative

### **FEATURES:**

2 pair balanced female XLR inputs

1 pair balanced male XLR outputs

5 pair RCA inputs

4 pair RCA + 1 pair phono inputs

4 pair RCA + 2 SPDIF digital inputs (BP20/25 DA only)

2 pair RCA outputs

1 tape loop

### FINISH:

Silver or Black

### **DIMENSIONS:**

19 or 17 x 2.25 x 11 inches, 48.26 or 43.18 x 5.72 x 28 cm wt: 2 boxes, 20 lbs (9 kg) each

### **BP-26 DA SPECIFICATIONS:**

Input Sample Rate: 16kHz to 108kHz.

Word 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

### **BP-26 PHONO SPECIFICATIONS:**

**Distortion:** Less than .005%, IM or THD, any frequency or combination of frequencies from 20-20kHz, at rated output or below

Rated Noise: Phono: -80dBA referred to an input

of 5 millivolts RMS @ 1kHz

RIAA Accuracy: Within less than +/- 0.05dB from

20-20kHz inclusive

### **BP-26MC PHONO SPECIFICATIONS:**

**Distortion:** Less than .005%, 20-20kHz, with preamplifier

driven to full rated output

**Noise:** Equivalent to approximately 1000 ohm metal film resistor (Thermal noise greater than 85dB below 0.6mV

input, unweighted)

**Gain:** 16.5 or 22.5dB (internally restrappable)

Frequency Response: Below 5Hz to above 30kHz, within less

than +/- 0.5dB



# BP 16 SST C-SERIES

# REDEFINING INNOVATION





### **BP-16 SST C-SERIES STEREO** ANALOG/DIGITAL PREAMP

The new Bryston BP-16 is based on a SST integrated amplifier. In fa preamplifier section from are identical to the B-1 provides a very cost effective full-featured versatile preample

The BP-16 is a state of the art and utilizes 'software' control. The software more features and functions while still Jonal plifier. fully discrete analog circuits throughout ti.

An example of how innovative this new BP-10 is at maintaining the superiority of discrete analog class A circuits while taking advantage of the 'software control' is in our new digitally controlled volume. The digitally controlled volume utilizes a resistance network on a chip. This technology, in reference to the signal path, is still implemented in the analog mode. It offers many advantages, for instance perfect channel balance, a simple integrated balance adjustment without additional parts, practically zero adjustment noises, first class behavior in reference to noise and distortion, as well as adjustment via software.

# 'CLUDE:

etire circuitry n all Inputs puts and 4-Digital inputs (with DA version)

. Loop

- parate Power Supplies for Analog and Digital Sections
- Independent grounds for Digital and Analog sections
- Two quick connect 12 Volt triggers One Programmable
- Programmable Pass-through feature
- New Volume Control Design
- Headphone Jack
- Two Optical and Two SPDIF inputs (with DA version)
- Optional Internal D to A Converter
- Optional Internal Moving-Magnet Phono Stage
- Optional Full Function Remote
- Available in C-Series Black or Silver 17" or 19" faceplate

### MODEL BP-16 C-SERIES

### **PREAMPLIFIERS**

- BP-16 Line level Preamplifier
- BP-16P Preamplifier with MM Phono Stage
- BP-16DA Line level Preamplifier with 4 Digital inputs
- · BP-16P/DA Preamplifier with MM Phono and 4 Digital Inputs

# BP 6 C-SERIES STEREO PREAMPLIFIER

# FOR THE PURE & SIMPLE SOUND SYSTEM



### **BP-6 C-SERIES STEREO PREAMPLIFIER**

The Bryston BP-6 C-Series preamplifier is a simplified state of the art preamplifier offering 4 high level stereo inputs. Bryston's BP-6 combines outstanding function with complete musical accuracy. It provides an exact duplication of the original recording experience, without distortion or coloration.

Bryston proprietary Class A Discrete Operational Amplifiers are used throughout. All signal circuitry is fully discrete to avoid the compromises, phase shift and nonlinearities inherent in IC's. Controls are practical and convenient: source switching, tape monitoring, mute, balance and volume. The BP-6 features four high level inputs. Output is provided by two pair of single-ended RCA outputs. A headphone output on the front panel allows for monitoring and private listening. A motor driven volume up/down hand held remote control is also available as an option if required. No internal wiring is designed into Bryston's preamp circuitry. Components plug directly into boards, eliminating variations in signal travel and wire interaction. Volume controls are laser trimmed to within 1/4 dB accuracy for a firm image balance between the left and right channels. Low output impedance and high current availability allow you to run long cables between the preamp and power amp without any loss of frequency response, so you can position your amp as close to your speakers as possible.

The BP-6 is also available with an optional internal MM Phono Stage (BP-6P) input or our now famous Digital (DAC) input BP-6 DA if required.

The BP-6DA has a coaxial S/PDIF digital input . Anyone who is tired of the marginal sound quality coming from the analog outputs of their CD or DVD player should strongly consider this system. The Bryston DAC provides an easy upgrade path that will substantially increase the resolution of your audio system.

### **FEATURES INCLUDE**

- New C-Series cosmetics.
- 4 high level stereo inputs.
- Optional Bryston internal DAC.
- Optional Bryston MM Phono Stage.
- All signal circuitry is fully discrete to avoid the compromises, phase shift and nonlinearities inherent in IC's.
- Headphone output on the front panel allows for monitoring and private listening.
- Optional volume up/down/mute remote control (BP-6R).
- Hand held remote control can be added later if required.
- Available in 17 or 19 inch C-Series faceplates in Silver or Black
- Technical specifications identical to the B-60 integrated amp (see pg 10)

# B100 SST C-SERIES INTEGRATED AMPLIFIER

# **CONVENIENCE WITHOUT COMPROMISE**



# B-100 SST C-SERIES INTEGRATED AMPLIFIER

The Bryston B-100 SST Integrated Amplification one of the most sonically transparent audio products available. It offers to the finest separate audio.

The B100 SST is a state amplifier which utilizes allows us to provide many most still adhering to traditional hours and plated for throughout the amplifier circuit amplifier circuit.

The B-100 is available with an operation of the amplifier circuit and plated RCA in the B-100 is available with an operation of the amplifier circuit.

The B-100 is available with an operation of the amplifier circuit and plated RCA in the B-100 is available with an operation of the amplifier circuit.

in Moving Magnet Phono stage (B-211 as an optional plug in Digital stage (B-100D<sub>2</sub>). Or state of the art PCM Digital playback. Both the MM Phono and the Digital stage are available separately or combined in a single package. Modularity in design allows you to add either of these great options at a later date if required.

# MODEL BP-100 SST C-SERIES INTEGRATED AMPLIFIERS

- B-100 Line level Integrated Amplifier
- B-100P Integrated Amplifier with MM Phono Stage
- B-100DA Integrated Amplifier with 4 Digital inputs
- B-100P/DA Integrated Amplifier with MM Phono and 4 Digital Inputs

### Y ENSURES

void the compromises, in IC's.

endent custom

inployed to prevent any

o channel crosstalk or interference.

a-linear input buffer results in a reduction in noise floor and distortion.

- and 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.
- Full function remote control (optional).
- High current reserves for lightning-fast response.
- Programmable Pass-through feature.

### PRE-OUT/MAIN-IN:

A versatile feature on the Bryston B-100 integrated amplifier is the pre-out/main-in connectors. It allows the independent use of the preamplifier or stereo amplifier section within a multi-channel audio or video system.

# B100 SST C-SERIES INTEGRATED AMPLIFIER

# **CONVENIENCE WITHOUT COMPROMISE**



### **B100 SST FEATURES:**

- SST Amplifier output section
- Over 44,000 MFD of filter capacitance per channel
- Three New ultra-low-noise power transformers 2 for Analog 1 for Digital
- Totally separate ground paths for Digital and Analog sections
- New computer modeled heat-sink design
- Two quick connect 12 Volt triggers One Programmable
- Programmable Pass-through feature
- Main In Pre Out jacks
- New Volume Control
- Optional Full Function Remote
- Assignable Digital inputs (DA version only)

- R232 Software Upgradable
- IR Control
- · Headphone Jack
- Two Optical and Two SPDIF inputs (DA version only)
- Optional Internal D to A Converter
- Optional Internal Phono Stage
- Available in Black or Silver 17 or 19 inch faceplate

# PERFORMANCE WITHOUT

### **COMPROMISE:**

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-100 Integrated Amplifier.

# **B100 SST C-SERIES SPECIFICATIONS**

### **PREAMPLIFIER**

### FREQUENCY RESPONSE

20Hz - 20kHz +/- .05dB

### **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

### **AMPLIFIER**

### **WATTS**

100 watts per channel, 8 ohms

180 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

.775 Volt in for full output 50k input impedance

### **FEATURES**

Independent analog and digital power supplies

Will deliver full output to any phase angle at 4 ohms or higher.

Pre-out/main-in connectors

### DIMENSIONS

19 or 17 x 4.5 x 10.5 inches, 48.26 or 43.18 x 11.43 x 26.67 cm

wt: 19 lbs, 8.5 kg

### **FINISH**

Available in 17 or 19 inch C-Series faceplates in Silver or Black



# B-60 SST C-SERIES INTEGRATED AMPLIFIER

# PERFORMANCE, RELIABILITY & CONVENIENCE



### CONVENIENCE

### WITHOUT COMPROMISE

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 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) 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.

Options Include:

- Bryston Internal DAC
- Bryston Internal MM Phono Stage (see pg. 12)
- Bryston handheld remote volume control

### HAND ASSEMBLED WITH CARE:

Bryston hand assembles and individually tests each and every product we manufacture. We exclusively use only the finest components in our amplifier designs, such as 1% metal-film resistors, polystyrene capacitors and hand selected and matched transistors to reduce noise and distortion to

the absolute minimum. Bryston applies techniques and employs custom materials in our everyday construction of electronic equipment that are more typically utilized in military and aerospace industries. Our traditional adherence to proprietary parts and sophisticated construction and testing techniques guarantees your amplifier will perform for many years without concern. It also prevents any unit to unit variability which inevitably is the result of any mass produced product.

### PRE-OUT/MAIN-IN:

A versatile feature on the Bryston B-60 integrated amplifier is the pre-out/main-in connectors. It allows the independent use of the preamplifier or stereo amplifier section within an audio or video system.

### **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 Bryston B-60 Integrated Amplifier is without peer in meeting this performance challenge.

# **B-60 SST C-SERIES SPECIFICATIONS**

**PREAMPLIFIER** 

**FREQUENCY RESPONSE** 

20Hz - 20kHz +/- .05dB

**MAXIMUM OUTPUT** 

15 volts

IM OR THD

Less than 0.005% at 3 volts out

**HIGH LEVEL SENSITIVITY** 

500 mV

**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

**AMPLIFIER** 

**WATTS** 

60 watts per channel, 8 ohms

100 watts per channel, 4 ohms

**HARMONIC DISTORTION** 

Less than 0.01% 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

.775 Volt in for full output 50k input impedance

**FEATURES** 

Each channel employs completely independent power supply

Will deliver full output to any phase angle at 4 ohms or higher

Pre-out/main-in connectors

**DIMENSIONS** 

19 or 17 x 2.25 x 10.5 inches, 48.26 or 43.18 x 5.72 x 26.67 cm

wt: 19 lbs, 8.5 kg

**FINISH** 

Available in 17 or 19 inch C-Series faceplates in

Silver or Black





# **BP 1.5 MM/MC PHONO STAGE + MPS-2**



# THE BRYSTON BP-1.5 MM/MC C-SERIES

The huge library of music irreplaceable treasure. A ever to reproduce the must the original recording.

The BP-1.5 is a high quality, offering both Moving Magnet as step-up capabilities.

The BP-1.5 is available with an option outboard power supply (MPS-2) to minimize noise and distortion. It can also be used in conjunction with the MPS-2 power supply on the Bryston BP-26 Preamplifier without the need for an extra power supply.

### Phono Gain:

BP-1.5 includes two different amplifier modes to accommodate both MM (moving-magnet) and MC (moving-coil) Phono Cartridges. The Moving-Magnet mode comes factory set at 35dB of gain, but can be adjusted with an inside jumper to 41dB gain.

The Moving-Coil mode adds an additional gain stage to the MM

This step-up transformer has in It can be set for 22.5dB or 16.5dB y set for 22.5dB as this will facilitate 90% artridges available. The standard gain of 22.5dB modates cartridges with outputs of less than 40 ohms impedance. The 16.5dB of gain is for cartridges of 40 to 150 ohm output impedance.

### Input Capacitance Loading for Moving-Magnet Section:

The Moving-magnet input capacitance switch is located on the rear panel and consists of a four element DIP (Dual In Line) switch and eight high precision capacitors. Four capacitors for the left and four capacitors for the right channel. This ensures the correct amount of capacitance across the Phono cartridge to provide accurate performance.

### Mute Switch:

The Manual MUTE switch on the front panel can be activated at any time. This switch mutes the output and is indicated by the front panel LED turning from Green to Red.

# BRYSTON

# **BP 1.5 MM/MC**





MM/MC PHONO STAGE

### **BP-1.5 MC PHONO SPECIFICATIONS:**

**Distortion:** Less than .005%, 20-20kHz, with preamplifier driven to full rated output

**Noise:** Equivalent to approximately 1000 ohm metal film resistor (Thermal noise greater than 85dB below 0.6mV input, unweighted)

**Gain:** 16.5 or 22.5dB (internally restrappable)

Frequency Response: Below 5Hz to above 30kHz, within less than +/- 0.5dB

### FREQUENCY RESPONSE

(With Inverse RIAA filter) 20Hz-20kHz +1-.05dB

MC mode; Between 20Hz to 20KHz less than +/- 0.5 dB. MM mode; Between 20Hz to 20KHz less than +/- 0.1dB

5 Volts RMS High Level sensitivity MM mode; 5 mV MC mode;  $500 \mathrm{uV}$ 

### DISTORTION

< .005% IM or THD, any frequency or combination of frequencies from 20Hz-20kHz at rated output

RATED NOISE (with A Weighting filter)

MM mode; -80 dBA referred to an input of 5 mV RMS @ 1kHz MC mode; -80 dBA referred to an input of 0.5

MM mode; 35 dB or 41 dB (internally changeable). Factory set gain; 35dB MC mode; 51.5 dB , 57.5 dB or 63.5 dB (internally changeable). Factory set gain; 57.5 dB

### **RIAA ACCURACY**

Within less than +/- 0.05dB from 20-20kHz inclusive **FEATURES** 

- 1 pair Power supply input and outputs
- 1 pair RCA inputs and outputs

## A/C POWER CONSUMPTION & HEAT LOAD

- 1. Operating Current 13.8W
- 2. Max. Wattage 14W

### **WEIGHT**

BP 1.5, 5 lbs (2.27 kg) MPS2, 20 lbs (9 kg)

### **FINISH**

Available in 17 or 19 inch C-Series faceplates in Silver or Black

# BRYSTON

# DIGITAL TO ANALOGUE CONVERTER



### **BRYSTON DAC**

The Bryston DAC chip we use is a hybrid DAC (digital to analogue convert data reaches the delta-sign over-sampling process a the inherent over-sampling architecture, the overall interptimes. Over-sampling and up-sam when implemented correctly.

There is a significant difference bethough and oversampling. Over-sampling is when the are repeated (2x, 4x, 8x, etc.) to create a new sampling frequency. The new samples are then generally run through an interpolation filter to create a more analog-like waveform.

Up-sampling usually refers to a mathematical process in which the new sample rate is not a multiple of the old sample rate, and the numbers have to be calculated in real-time. This is what is happening when a sample rate converter chip is in an up-convert mode. So in the BP-26 DA, if a 44.1 kHz signal is present: we up-sample to 96kHz (with the Sample Rate Converter) and then the DAC will internally 8x over-sample that signal. The great benefit of both of these methods is that it relaxes the requirements of the analog filter after the DAC.

ners to implement roll-offs, which results audio band.

od, when implemented correctly, also of jitter reduction, since the output clock is achronous from the input clock. Another thing to is that if the over-sampling or up-sampling processes are implemented poorly, they can actually introduce jitter. This is usually a result of poor power supply implementation.

So, in the Bryston DAC, each stage in the digital chain (input receiver > sample rate converter > digital audio converter) is independently regulated to prevent any interactions and to provide rock solid power supplies for any up-sampling/oversampling process.

All of this being said the most critical part of the DAC circuit in the Bryston Preamplifiers and Bryston Integrated Amplifiers is that the output from the D to A is directly connected to a pair of Bryston proprietary Class A Discrete Operational Amplifiers rather than the typical IC chips employed in most other products. This makes a huge difference in resolution and dynamic headroom performance.

# COMPARISON **CHART**

MODEL	BALANCED	РНОМО ММ	РНОМО МС	DAC	REMOTE
BP 26	+	+	+	+	+
BP 26 can have both MM and MC Phono or DAC internally installed but not both					
BP 16		+	0 0 0	+	+
BP 16 can have both Phono MM and DAC internally installed					
BP 6		+		+	+
BP 6 can have Phono MM or DAC internally installed but not both					
B 100		+	•	+	+
BP 100 can have both Phono MM and DAC internally installed					
B 60R		+		+	+
B 60R can have Phono MM or DAC internally installed but not both					
BP 1.5		+	+		



# BRYSTON 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 amplifier and 5-year digital circuit 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.

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

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