

BRVSTON



BRVSTON

CUBED SERIES AMPLIFIERS



*About our*

# COMPANY



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## BRYSTON LTD.

WE HAVE BEEN DESIGNING AND MANUFACTURING STATE OF THE ART SPECIALTY ELECTRONICS TO BOTH THE CONSUMER AND PROFESSIONAL AUDIO MARKETPLACES FOR OVER 60 YEARS.

BRYSTON HAS A MAJOR COMMITMENT IN PRODUCING THE MOST ACCURATE AND RELIABLE PRODUCT AVAILABLE BY MAINTAINING AN EXTENSIVE RESEARCH AND DEVELOPMENT DIVISION WHICH IS CONSTANTLY LOOKING FOR WAYS TO IMPROVE THE PERFORMANCE, VALUE, AND RELIABILITY OF OUR PRODUCTS.

BRYSTON ENGINEERS ARE NEVER CONSTRAINED BY DESIGN COSTS FOR FUNCTIONALITY. ON THE CONTRARY, BRYSTON CHALLENGES THEIR ENGINEERS TO CREATE THE FINEST PRODUCTS THEY CAN; TO SOURCE AND USE THE BEST COMPONENTS; TO MOVE BRYSTON EQUIPMENT EVER-CLOSER TO PERFECTION, WHILE MAXIMIZING PERFORMANCE AND RELIABILITY.

FOLLOWING IN THE FINE TRADITION OF ARTISAN CRAFTSMANSHIP WORLDWIDE, EVERY AUDIO COMPONENT IS HANDCRAFTED BY PEOPLE WHO TAKE TREMENDOUS PRIDE IN BUILDING THE VERY BEST. EACH COMPONENT IS HAND SELECTED AND INSTALLED, EVERY WIRE IS CUT AND BENT BY HAND, AND EVERY CONNECTION IS HAND SOLDERED.

IN THE CONSUMER MARKET BRYSTON MANUFACTURES STATE OF THE ART AUDIO ELECTRONICS INTENDED TO PROVIDE THE OWNER WITH THE MOST MUSICALLY ACCURATE AND RELIABLE PERFORMANCE AVAILABLE. IN THE PROFESSIONAL MARKET BRYSTON OFFERS AMPLIFIERS FOR RECORDING STUDIOS, RADIO AND TELEVISION BROADCAST FACILITIES, AND SOUND REINFORCEMENT APPLICATIONS SUCH AS STADIUMS AND ARENAS, ETC.

EACH OF BRYSTON'S FULLY ASSEMBLED PRODUCTS IS EXTENSIVELY TESTED BEFORE SHIPMENT. DURING MANY HOURS OF CONTINUOUS TESTING, BRYSTON AMPLIFIERS ARE MONITORED THROUGH A RANGE OF INPUT CYCLES AND THERMAL STRESS LEVELS TO DUPLICATE A BROAD SPECTRUM OF OPERATIONAL LOADS. IF ANY FAILURES OCCUR, BRYSTON WILL CATCH THEM DURING THE MANUFACTURING PROCESS, BEFORE YOU BEGIN USING THE PRODUCT.

BRYSTON'S DEDICATION TO CREATING THE MOST RELIABLE PRODUCTS IS CLEARLY EVIDENT IN THEIR 20 YEAR ANALOG AND 5 YEAR DIGITAL WARRANTY.

BRYSTON PRODUCTS ALLOW YOU TO ENJOY A GENERATION OF SOUND, MUSIC, AND INCREDIBLE PERFORMANCE. BRYSTON IS BASED IN DWIGHT, ONTARIO, CANADA, JUST NORTHEAST OF TORONTO, AND IS SOLD THROUGH OVER 100 DEALERS IN NORTH AMERICA AND 40 COUNTRIES WORLDWIDE.







## BRYSTON CUBED SERIES

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 1973.

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 CHERISHED RECORDINGS. BRYSTON CUBED SERIES AMPLIFIERS, FEATURING PATENT CIRCUITRY DEVELOPED IN CONJUNCTION WITH DR. SALOMIE, PH.D., MOVE THE LISTENER EVER CLOSER 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 IS OUR BENCHMARK. EACH BRYSTON CUBED SERIES PRODUCTS DESIGNED WITHOUT COMPROMISE IN PURSUIT OF THIS LOFTY GOAL. TRUE ENJOYMENT OF YOUR MUSIC IS POSSIBLE WITHOUT THE AUDIO SYSTEM GETTING IN THEIR WAY!

## WHAT'S NEW?

BRYSTON ENGINEERS, HAVE BEEN BUSY 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 IMPROVEMENT IN EMI/RFI NOISE REJECTION
- LESS THAN 500MW STANDBY POWER CONSUMPTION
- UPDATE DRESS PANEL AESTHETIC WITH CLEAN LINES AND NEW FINISH.





**AT BRYSTON,  
FINDING WAYS TO ELIMINATE DISTORTION FROM OUR DESIGNS IS A WAY OF LIFE**

ALL CUBED SERIES ELECTRONICS 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 NEWCIRCUIT 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 PER CENT! NEWLY DESIGNED CIRCUITRY IN THE CUBED SERIES AMPLIFIERS IS VIRTUALLY IMPERVIOUS TO NOISE SUCH AS RFI AND OTHERS INDUCED BY EXTERNAL AND ENVIRONMENTAL CAUSES. OUR PATENTED SALOMIE CIRCUIT FEATURES A UNIQUE METHOD OF TRAPPING DISTORTION COMPONENTS IN THE MAIN SIGNAL PATH THAT PASS THROUGH OTHER AMPLIFIERS ONLY TO BE AMPLIFIED AND PLAYED BY YOUR LOUDSPEAKERS.

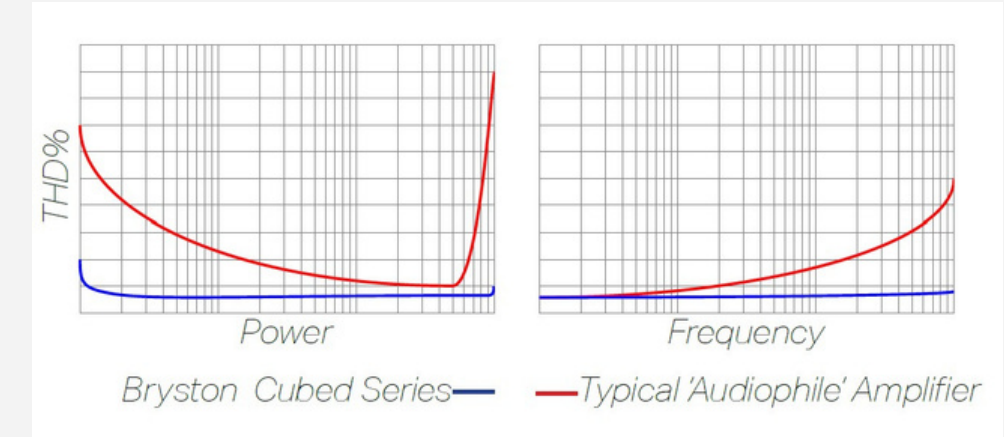
OUR INNOVATIVE DISTORTION REDUCTION METHOD RESULTS IN A MUCH MORE NATURAL AND NUANCED RENDITION OF YOUR RECORDINGS, PLAYBACK MORE TRUE TO THE ORIGINAL RECORDINGS AND MORE ENJOYABLE TO YOUR EARS. QUAD-COMPLEMENTARY TOPOLOGY IMPROVES LINEARITY TO A NEW STANDARD OF ACCURACY WHILE VIRTUALLY ELIMINATING AGGRESSIVE HIGHER HARMONIC DISTORTION BYPRODUCTS.

QUAD COMPLEMENTARY ELIMINATES CROSSEVER DISTORTION BY IMPROVING TRANSISTOR MATCHING, AND REDUCES CAPACITANCE IN THE OUTPUT STAGE BY A FACTOR OF FOUR WHICH IMPROVES TRANSIENT RESPONSE AND BANDWIDTH. 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 - A FEATURE UNCOMMON EVEN IN AMPLIFIERS FAR MORE EXPENSIVE.

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.







## POWERFUL GRACEFUL MUSIC

MUCH LIKE SPORTS CARS, AMPLIFIERS HAVE A POWER BAND IN WHICH THEY PERFORM BEST. THOUGH AN AMPLIFIER MAY BE RATED FOR 100 WATTS, IT MUST BE PLAYED LOUDLY ENOUGH TO OVERCOME ITS OWN NOISE FLOOR BUT WILL START EXHIBITING INCREASING SIGNS OF DISTORTION AT WELL BELOW THAT FIGURE. AN ADDITIONAL SOURCE OF DISTORTION MAY ALSO BE PROPORTIONATE TO FREQUENCY.

BRYSTON'S FIRST-TO-LAST-WATT PHILOSOPHY DEMANDS EXTRAORDINARY PERFORMANCE FROM POWER BARELY ABOVE IDLE ALL THE WAY THROUGH FULL POWER OUTPUT. OUR POWER BAND IS THE FULL RATED POWER OF THE AMPLIFIER!

WITH THIS IN MIND, YOU DON'T HAVE TO SACRIFICE PERFORMANCE ON OCCASIONS OF LOUD LISTENING TO ENJOY A POWER AMP THAT YOU USUALLY ONLY RUN AT A FEW WATTS OR VICE VERSA. EVEN POWERFUL MONO AMPLIFIERS LIKE OUR 600 WATT 7B<sup>3</sup> AND 1000 WATT 28B<sup>3</sup> RENDER NUANCES WITH LIFELIKE PALPABILITY AT 1 WATT OF OUTPUT POWER!

## WHICH AMPLIFIER IS FOR YOU?

WITH MODELS RANGING FROM 200 TO 1000 WATTS PER CHANNEL, WE HAVE A MATCH FOR YOUR LISTENING PREFERENCES HOWEVER DIVERSE THEY MAY BE.

DYNAMICS SWING BOTH WAYS FROM SUBTLE SHADINGS OF BRUSHES ON A SNARE DRUM TO THE INCREDIBLE POWER OF A FULL ORCHESTRA CRESCENDO. BRYSTON CUBED SERIES AMPLIFIERS PLAY BOTH JUST AS THEY ARE MEANT TO BE EXPERIENCED - WITH SUPERB CLARITY FROM FIRST-TO-LAST-WATT.





## PROFESSIONAL GRADE

UNLIKE A SURPRISING NUMBER OF EXPENSIVE SO CALLED AUDIOPHILE AMPLIFIERS, BRYSTON MODELS ARE TRULY BUILT TO A PROFESSIONAL STANDARD. ENCLOSURES ARE MADE FROM HEAVY DUTY CNC MACHINED ALUMINUM AND STEEL. ALL PARTS ARE EXPERTLY FINISHED FOR BOTH DURABILITY AND ATTRACTIVENESS.

## APPEARANCES MATTER

CHOOSE BETWEEN A NUMBER OF DIFFERNT COLOUR DRESS PANELS. SEVENTEEN INCH WIDE AMPLIFIERS FEATURE A CLEAN AND SIMPLE DRESS PANEL. OR, FOR A POWERFUL CLASSIC LOOK, NINETEEN INCH WIDE AMPLIFIERS INCLUDE LARGE FUNCTIONAL HANDLES ON THE FRONT. ALL PRO SERIES AMPLIFIERS FEATURE A DISTINCT DRESS PANEL WITH HANDLES AND ARE DRILLED FOR RACK MOUNTING.

## SILENT HEAT SINKS

THE TREND FOR HIGH POWERED AMPLIFIERS IS TO FAN COOL THEM. NO MATTER HOW QUIET THE FAN IS TODAY, AFTER A FEW YEARS OF DUST COLLECTION, FANS GET NOISY AND FAIL. CUBED SERIES AMPS FEATURE LARGE FULLY PASSIVE ALUMINUM HEAT SINKS DESIGNED TO EFFECTIVELY DISSIPATE HEAT GENERATED BY THE AMPLIFIER EVEN AT HIGH POWER WITHOUT THE NEED FOR FANS. A NICE TOUCH IS THE CHAMFERED CORNER FOR EASY HANDLING.

## AROUND BACK

YOU CAN DRIVE CUBED SERIES AMPS WITH ANY PREAMP. WITH THE FLICK OF A SWITCH. YOU CAN CHOOSE BETWEEN SINGLE ENDED RCA INPUTS OR BALANCED XLR INPUTS. SPEAKERS ARE FIRMLY CONNECTED WITH INSULATED GOLD PLATED BINDING POSTS THAT ACCEPT BARE WIRE, SPADES OR BANANA PLUGS. POWER THE AMP ON AND OFF WITH THE FRONT PANEL SWITCH OR BY CONNECTING ANOTHER DEVICE VIA THE DC TRIGGER PORTS. MOST BRYSTON AMPLIFIERS HAVE SWITCHABLE GAIN FOR ADDITIONAL PREAMP COMPATIBILITY. MANY OF OUR TWO AND MULTI-CHANNEL AMPLIFIERS FEATURE BRIDGEABLE CHANNELS WHICH CAN BE ENABLED WITH A REAR PANEL SWITCH.







## LEGENDARY QUALITY

CUBED SERIES AMPLIFIERS EMPLOY DESIGN INNOVATION TO ACHIEVE SUPERIOR PERFORMANCE, YET SO MUCH HAS REMAINED CONSTANT THROUGH YEARS OF EVOLUTION. EACH PRODUCT IS MANUFACTURED IN OUR STATE-OF-THE-ART FACILITY LOCATED IN DWIGHT, ONTARIO CANADA UTILIZING MANY LOCALLY SOURCED COMPONENTS. IN FACT OVER THE PAST FEW YEARS WE HAVE INVESTED SUBSTANTIALLY IN ON SITE FACTORY MACHINERY TO MAKE OUR FACILITY MUCH LESS RELIANT ON OVERSEAS SUPPLIERS. MANY MEMBERS OF THE BRYSTON TEAM HAVE BEEN WITH THE COMPANY FOR DECADES AND ALL TAKE GREAT PRIDE IN THEIR HIGHLY SPECIALIZED CRAFT.

ALL BRYSTON PRODUCTS ARE PROVEN ON OUR TEST BENCH FOR MULTIPLE HOURS OF BURN IN BEFORE SHIPPING. AMPLIFIERS CYCLE BETWEEN FULL POWER AND IDLE IN THIRTY MINUTE INTERVALS TO UNCOVER ANY PROBLEMS THAT COULD BE ILLUMINATED BY THERMAL STRESS.

MANY BRYSTON OWNERS REPORT THAT THEY HAVE ENJOYED THEIR EQUIPMENT WITHOUT FAIL FOR DECADES. 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 EACH CUBED SERIES MODEL,

THE CUSTOMER WILL RECEIVE A COMPREHENSIVE PERFORMANCE CERTIFICATE DETAILING THE EXACT SPECIFICATIONS OF THEIR EQUIPMENT. TO DEMONSTRATE OUR COMMITMENT TO EXCELLENCE AND PERFORMANCE.

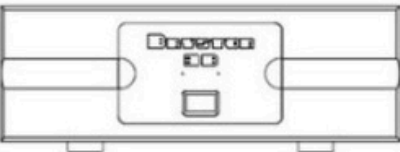
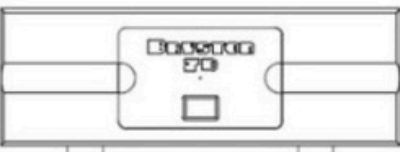
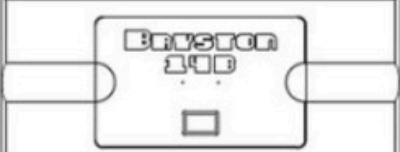

EVERY BRYSTON ANALOG COMPONENT IS PROTECTED BY AN INDUSTRY LEADING FULLY TRANSFERABLE TWENTY YEAR WARRANTY.





SPECIFICATIONS



	<b>3B<sup>3</sup></b> Channels: 2 Height x Depth (inches): 6.3 x 11.5	Weight (pounds): 35 THD+N (full bandwidth): ≤0.005% Noise (full bandwidth): ≤-112 dB	Watts per Channel (8Ω): 200 Watts per Channel (4Ω): 300 Watts Bridged Mono (8Ω): 500
	<b>4B<sup>3</sup></b> Channels: 2 Height x Depth (inches): 6.3 x 16.2	Weight (pounds): 42 THD+N (full bandwidth): ≤0.005% Noise (full bandwidth): ≤-119 dB	Watts per Channel (8Ω): 300 Watts per Channel (4Ω): 500 Watts Bridged Mono (8Ω): 900
	<b>7B<sup>3</sup></b> Channels: 1 Height x Depth (inches): 6.3 x 16.2	Weight (pounds): 53 THD+N (full bandwidth): ≤0.005% Noise (full bandwidth): ≤-119dB	Watts per Channel (8Ω): 600 Watts per Channel (4Ω): 900
	<b>9B<sup>3</sup></b> Channels: 3, 4, or 5 Height x Depth (inches): 6.3 x 17.5	Weight (pounds): 76 THD+N (full bandwidth): ≤0.005% Noise (full bandwidth): ≤-119 dB	Watts per Channel (8Ω): 200 Watts per Channel (4Ω): 300
	<b>14B<sup>3</sup></b> Channels: 2 Height x Depth (inches): 8.1 x 18.4	Weight (pounds): 91 THD+N (full bandwidth): ≤0.005% Noise (full bandwidth): ≤-122dB	Watts per Channel (8Ω): 600 Watts per Channel (4Ω): 900
	<b>28B<sup>3</sup></b> Channels: 1 Height x Depth (inches): 8.1 x 18.4	Weight (pounds): 110 THD+N (full bandwidth): ≤0.005% Noise (full bandwidth): ≤-117dB	Watts per Channel (8Ω): 1000 Watts per Channel (4Ω): 1800

ALL AMPS ARE AVAILABLE IN C-SERIES OR PRO VERSIONS.

C-SERIES MODELS ARE AVAILABLE IN MULT-COLOURED DRESS PANELS AND 17 OR 19 INCHES WIDE.

NINETEEN INCH WIDE MODELS INCLUDE FRONT MOUNTED HANDLES

PRO MODELS ARE ALWAYS BLACK AND INCLUDE COSMETICALLY UNIQUE RACK MOUNTABLE 19 INCH WIDE DRESS PANELS PLUS FRONT MOUNTED HANDLES

ALL PRODUCTS AVAILABLE WITH BLUE LEDS INSTEAD OF GREEN UPON SPECIAL ORDER.

PRO MODELS ALSO INCLUDE INDIVIDUAL CHANNEL TRIM POTS ON THE REAR PANEL.

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