

Guy Bonnerille

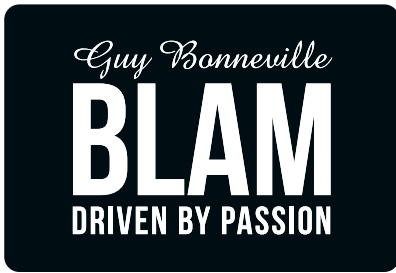
BLAM

DRIVEN BY PASSION



DRIVEN
BY
PASSION

Product line 2014 - 2015



Building on our 25 years of experience in designing high-end loudspeakers, we have designed the parameters required to reproduce the dynamics of the recording, while at the same time preserving the natural. This concept is referred to as "French Sound". It is the subtle balance between accurate midrange reproduction, keeping the emotion of the voice, and the wide dynamic range required to reproduce the subtle nuances and details that give life to the music. Directly out of our laboratory, to our production units and into your vehicle, we bring you our two product lines: **Live and Relax.**

Manufactured and assembled in our workshops, Premium BLAM systems undergo rigorous testing before leaving the factory. The outsourced products are controlled with a strict tolerance threshold to ensure inaudible differences between products, starting with the entry level.

BLAM wishes you hours of enjoyment.

Guy Bonneville

LIVE

S y s t e m s

LIVE systems are created to rediscover the visceral impact of a live concert. Arising from materials such as carbon woofer cones, to soft dome tweeters, the amalgamation of these elements will have you wanting to rediscover all of your precious recordings.... **all without fatigue!**

Speakers



165.85

Hi-fidelity 2 ways component

Woofer 6-1/2 " (165 mm)
Max power 200 W / RMS 100 W
Frequency response 50 Hz - 25 KHz
Efficiency 93 dB - Impedance 3 Ohms

Die cast and machined aluminium basket - Ultra rigid carbon fiber cone - IIR surround - Long life « conex » spider - 34 mm Voice Coil, fiber glass former - 85 mm x 20 mm Oversized Magnetic motor - Machined pole pieces - Gold-plated terminal - 2 ways Crossover with Audiophile component - and adjustable tweeter level (0, - 3, - 6 dB) - 28 mm coil, Neodymium tweeter



165.100

Hi-fidelity / Hi-power 2 ways components

Woofer 6-1/2 " (165 mm)
Max power 250 W / RMS 125 W
Frequency response 45 Hz - 25 KHz
Efficiency 94.5 dB - Impedance 3 Ohms

Die cast and machined aluminium basket - Ultra rigid carbon fiber cone - IIR surround - Long life « conex » spider - 38 x 14 mm Voice Coil, fiber glass former - 100 mm x 20 mm Oversized Magnetic motor - 2 ways Crossover with Audiophile component - and adjustable tweeter level (0, - 3, - 6 dB) - Neodymium tweeter magnet - 28 mm voice coil - Hi quality soft dome, Partial Horn loading machined from aluminum



165.300

Hi-fidelity / Hi-power 3 ways components

Woofer 6-1/2 " (165 mm)
Full-range driver 3" (80 mm) completed by 28 mm voice coil soft dome tweeter
Max power 250 W / RMS 125 W
Frequency response 45 Hz - 25 KHz
Efficiency 94.5 dB - Impedance 3 Ohms

Die cast and machined aluminium basket - Ultra rigid carbon fiber cone - IIR surround - Long life « conex » spider - 38 mm Voice Coil, fiber glass former - 100 mm x 20 mm Oversized Magnetic motor - 80 mm (3") compact full-range driver with Ultra rigid carbon fiber cone - 28 mm coil, soft dome Neodymium tweeter - 3 ways Crossover with Audiophile component



165 Multix
S / MG

165 Multix L MG : pure magnesium tweeter Dedicated for SQ

Woofer 6-1/2 " (165 mm) with long voice coil
Machined Horn loading tweeter with 100% pure magnesium dome and 25 mm 6 Ω voice coil
Max power 300 W / RMS 150 W
Frequency response 55 Hz - 28 KHz
Efficiency 93 dB - Impedance 3 Ohms

165 Multix S : polyester tweeter dedicated for ESQ

Woofer 6-1/2 " (165 mm) with short voice coil
Machined Horn loading tweeter with polyester dome tweeter and 25 mm 4 Ω voice coil. Double push pull neodymium magnet
Max power 300 W / RMS 150 W
Frequency response 130 Hz - 28 KHz
Efficiency 96 dB - Impedance 3 Ohms

Common Specifications : Die cast and machined aluminum basket - Ultra rigid carbon fibre cone - IIR surround - Long life « conex » spider - 34 mm Voice Coil, fibreglass former - Ultra powerful assembly magnet with 8 hi grade neodymium quality magnet - Precision machined pole piece and T yoke: T yoke equipped with a copper ring which limits the creation of « Foucault » current, Professional crossover with Audiophile grade component Adjustable tweeter level

LIVE

S y s t e m s

Speakers



165 Multix
OS 60/80



On stage concept wide band hi-performance Speaker

Woofer Multix 165 L (long voice coil)
Max Power. 300 W / RMS 150 W
Frequency Response 55 Hz - 20 KHz
Efficiency 93 dB - Impedance 3 Ohms
Crossover with audiophile component
Adjustable high-pass frequency of 150 Hz to 500 Hz
6 or 12 dB per octave slope

On stage 60

50mm hi-performance driver
Aluminum magnesium alloy membrane
RMS Power: 50 W (when filtered at 400 Hz)
Efficiency 85 dB
Frequency Response: 350 Hz to 20KHz

On stage 80

80 mm carbon fibre membrane driver
Ultra powerful Neodymium ring magnet
RMS Power: 100 W (when filtered at 250 Hz)
Efficiency 88 dB
Frequency Response: 200 Hz to 20KHz

Available in various colors

Subwoofer

Super sub 10

Hi-efficiency 270 mm (10 ") subwoofer Max. power 1000 W

Hi-efficiency 270 mm (10 ") subwoofer
Max. power 1000 W / Nominal Power 500 W
Frequency response 45 Hz - 500 Hz
Efficiency 92.5 dB
Impedance 2 x 2 Ohms

Die cast basket with machined gasket - Ultra rigid carbon fiber cone
- Robust foam surround enables controlled long excursion without distortion - "Conex" spider with integrated lead wires - Dual 60 mm voice coils on fiberglass former - Dual Oversized 156 mm x 20 mm magnetic motor assembly - Machined extended T Yoke - Optimized for 25 liter (.88 cf) bass reflex enclosure or our specifically engineered hi-efficiency reflex band pass (available as an option).



LA 4120D

Full Range high performance compact D class amplifier

Compact 4/3/2-channel D Class amplifier
Compact size for easy installation
Latest full range high performance circuit design
Surface mount components technology
4 Layers PCB board
Balanced input circuit design
Audio precision quality control verification
White "Blam" Logo illumination

Low level input range 0.2V / 6V - RMS output (4 ohms) 120 watts * 4ch
RMS - RMS output (2 ohms) 200 watts * 4ch RMS - Bridged output (4 ohms) 400 watts * 2ch RMS - Lpf filter 70Hz - 250 Hz - Hpf filter 70Hz-320 Hz - Signal to noise ratio 95 dB - Frequency response 20/50 KHz - Live boost on 1 and 2 channel 500Hz - Bass boost on 3 and 4 channel 50 hz - Remote bass control for rear channels - Protections: short circuit / low impedance / reversal of polarity / heat protection - Dimensions (L x l x H) 278 x 175 x 51(mm)

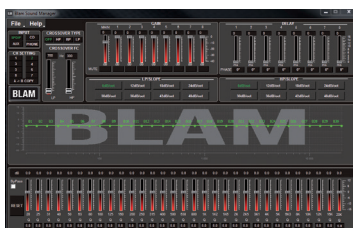


LA 1100D

Full Range high performance compact D class amplifier

Compact size for easy installation
Latest class-D monoblock circuit design
Surface mount components technology
2 Layers PCB board, and balance input circuit design
Audio precision quality control verification
White "Blam" Logo illumination

Low level input range: 0.2-6V - 1100 watts*1ch @1ohms RMS output - 900 watts*1ch@2ohms RMS output - 600 watts *1ch@4ohms bridged output - 0-18dB bass boost - 0-180 degree swift phase - Lpf filter: 40hz-200Hz - 10-50Hz subsonic - Signal to noise ratio: > 95>db - Frequency response: 20-200Hz - Line out - Protections: Short circuit / low impedance / reversal of polarity / heat protection - Remote bass control - Dimension: 308L*175W*51H(mm)



LSP 28

Core 32-bit / 192 kHz Digital signal processor Powered by Cirrus Logic

24-bit AD and DA converters

192 khz S/PDIF Optical Input
4 hi-level inputs : can be integrated into OEM system
Additional inputs : Digital toslink, phone and auxillary
8 assignable outputs
31-band equalizer on each output channel
Selectable slopes 6-48 dB, Butterworth or Linkwitz alignment
Up to 16 ms time delay available on each channel
External remote control

Power supply 11/15 VDC - Idling current 0,4 A - Distortion - THD 1kHz, 1V RMS 0,005 % - Bandwith 3 dB 10Hz - 22k Hz - S/N ratio @ A weighted 100 dBA - Channel Separation 1 kHz 95 dB - Input sensitivity (Hi-level speaker in) 2 - 15 V RMS - Input sensitivity (Aux In) 0,2 - 5 V RMS - Input sensitivity (Phone) 2 - 15 V RMS - Max Output Level (RMS) 0.1% THD 4 V RMS - External Remote Control panel with 5 m cable



RELAX

S y s t e m s

RELAX systems are designed to provide incredible performance and to set a new reference in their category. Because of their high efficiency and low impedance, they provide detailed, powerful sound when used with or without an amplifier. **Transform your mundane drive into a musical journey....**

Speakers

165 RC

Hi-efficiency 2 Ω speaker system
2 ways, Woofer 165 mm
165 mm (6.5") coaxial
20 mm soft dome tweeter
integrated 6 dB/oct cross-over

Max power 150 W / RMS 75 W - Frequency response:
60 Hz - 20 KHz - Efficiency 93 dB - Impedance 2 Ohms



165 RS

Hi-efficiency 2 Ω speaker system
2 ways, Woofer 165 mm
165 mm (6.5") component
20 mm soft dome tweeter
in-line 6 dB/oct cross-over on tweeter lead wire

Max power 150 W / RMS 75 W - Frequency response:
60 Hz - 20 KHz - Efficiency 93 dB - Impedance 2 Ohms



165 RX

Hi-efficiency 2 Ω speaker system
2 ways, Woofer 165 mm
165 mm (6.5") component
20 mm soft dome tweeter
Separate filter 2-way 6 dB /octave
2 way components with 12 dB crossover

Max power 150 W / RMS 75 W - Frequency response:
60 Hz - 20 KHz - Efficiency 93 dB - Impedance 2 Ohms



Subwoofer

R 8 EL

2 ohm 210 mm (8") subwoofer
Power max. 300 W

210 mm (8") subwoofer for compact enclosure
Maximum power: 300 W / Nominal Power 150 W
Frequency response: 45 Hz - 500 Hz
Sensitivity 92.5 dB
Impedance 2 Ohms

Steel basket with machined gasket - Rigid treated pulp cone - Butyl rubber surround - Long life "conex" spider - 40 mm voice coil, on fiber glass former - 120 mm x 20 mm motor assembly - Machined extended T yoke - Optimized for use in a 10 to 13 liter bass reflex enclosure - Grille included



BM 100 C

**2-way coaxial BMW and Mini
dedicated Speaker**
Max Power: 100 W / RMS Power: 50 W

Woofer 100mm - Rigid and light fibreglass membrane - Ultra powerful neodymium magnet - 20mm soft dome tweeter - Integrated 6dB crossover - Efficiency (2.83V / 1m) 88 dB - Frequency Response 120Hz - 20 KHz



BM 100 S

**2 ways component System
dedicated for BMW and Mini**
Max Power: 120 W / RMS Power: 60W

Woofer 100 mm - Rigid and light fibreglass membrane - Ultra powerful neodymium magnet - 25 mm soft dome tweeter - Separate 12 dB per Octave crossover - Efficiency 88 dB - Frequency Response 120 Hz - 22 KHz



BM 200 W

**200 mm super slim dedicated subwoofer
for BMW**
Max Power: 120 W / RMS Power: 60W

Fibre Membrane - Rigid and light fibreglass membrane - Super powerful Neodymium motor - Efficiency 88 dB - Frequency Response 40 Hz - 500 Hz

Amplifiers

RA 804 D

Ultra-compact D Class amplifier
Compatible with OEM head units
Ultra-compact 4/3/2-channel D Class amplifier
Compatible with OEM head units
High-level inputs with auto-turn on

RCA low-level inputs 0.2V / 6V - Power (4 ohms) 4 x 80 Watts RMS - Power (2 ohms) 4 x 125 Watts RMS - Power max (4 ohms bridged) 2 x 250 Watts RMS - Configurable high-pass/low-pass crossover 25 Hz-250 Hz - Signal noise ratio 95 dB - Protections: short circuit / low impedance / reversal of polarity / heat protection - Bass control Remote - Dimensions (L x W x H) 8 5/11 4 1/12 1 3/8 - 215 mm x 35 mm x 103 mm



RA 301 D

Ultra-compact D Class amplifier
Compatible with OEM head units
Ultra-compact monochannel D Class amplifier
Compatible with OEM head units
High-level inputs with auto-turn on

RCA low-level inputs 0.2V / 6V - Power (4 Ohms): 180 Watts RMS - Power (2 Ohms): 300 Watts RMS - Low-pass crossover: 25 Hz-250 Hz - Signal noise ratio: 95 dB - Protections: Short circuit / low impedance / reversal of polarity / heat protection - Bass control Remote - Dimensions (L x W x H) 6 3/8 4 1/12 1 3/8 - (162 mm x 103 mm x 35mm)





BLAM

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