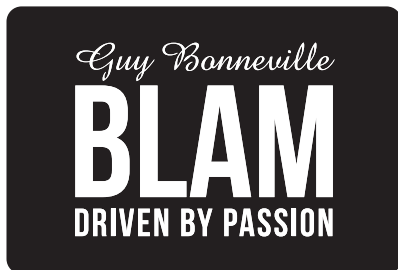


# DRIVEN BY PASSION

Product line 2016





**B**uilding 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

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## 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

165.45



### Hi-fidelity 2 ways slim fit component

Shallow 6-1/2 " (165 mm) woofer  
28 mm voice coil soft dome tweeter  
Max power 150 W / Nom. power 75 W  
Frequency response 60 Hz - 25 KHz  
Efficiency 91 dB - Impedance 3 Ohms

Woofer with Die cast and machined aluminum Basket - Ultra rigid carbon fiber cone with circular grooves to strengthen the cone - IIR surround - Long life "conex" spider - 34mm Voice Coil, fiber glass former - (30mm x 16mm) Oversized Neodymium Magnetic motor - 28mm coil, silk dome Neodymium tweeter - On line 6 dB/oct Crossover with tweeter level attenuation -3 dB

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 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 - Aluminum magnesium dust cap - 28 mm coil, soft dome Neodymium tweeter - 3 ways Crossover with Audiophile component

## Speakers

### 165 Multix S / MG



#### **165 Multix L MG : pure magnesium tweeter 2 way component 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  $\Omega$  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 2 way component 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  $\Omega$  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

Available in various colors

### 165 Multix OS 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 80**

80 mm carbon fibre membrane driver

Aluminum magnesium dust cap

Products matched to + -1 dB

Ultra powerful Neodymium ring magnet

Max. power: 100 W / Nom. power: 25 W

Frequency response: 200 Hz – 35 kHz

Sensitivity (2.83V/1m): 92 dB - Impedance 3 Ohms

Available in various colors





FR80

## Speakers

### Extended frequency response

#### Full-range driver 3" (80mm)

Max. power: 100 W / Nom. power: 25 W

Frequency response: 200 Hz – 35 kHz

Sensitivity (2.83V/1m): 92 dB

Impedance 3 Ohms

ABS PC Basket - Ultra rigid carbon fiber cone - IIR surround - Long life "conex" spider - 20mm Voice Coil, fiber glass former - Oversized neodymium ring Magnetic motor - T Yoke equipped with a copper ring which limits the creation of Foucault currents - Aluminum magnesium dust cap - Products matched to + -1 dB

## 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 - Design for small bass reflex enclosure from 25 liter (.88 cf) or bigger for higher SPL.



## 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 sensivity (Hi-level speaker  
in) 2 - 15 V RMS - Input sensivity (Aux In) 0,2 - 5 V RMS - Input sensivity  
(Phone) 2 - 15 V RMS - Max Output Level (RMS) 0.1% THD 4 V RMS - Ex-  
ternal 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



100 RC

### Hi-efficiency 2 $\Omega$ speaker system 2 ways

100 mm (4") coaxial  
integrated 6 dB/oct cross-over  
Max power 80 W - Nom. power: 40 W  
Frequency response: 100 Hz– 20 kHz  
Sensitivity 90 dB (2.83 V/1m)

100 mm (4") woofer featuring a high-quality coated cellulose pulp membrane, combined with peripheral butyl suspension. The generous size of the magnet (70 x15 ) contributes to the achievement of an optimal QTS, a high level of sensitivity and high power handling. The soft dome tweeter features a neodymium magnet and 20 mm CCAW (copper-aluminum alloy) voice coil



100 RS

### 100 RC

- 100 mm (4") coaxial
- integrated 6 dB/oct cross-over

### 100 RS

- 100 mm (4") component
  - in-line 6 dB/oct high-pass cross-over
- ajustable tweeter level : 0 dB or -3 dB



130 RC

### Hi-efficiency 2 $\Omega$ speaker system 2 ways

130 mm (5.25") coaxial  
integrated 6 dB/oct cross-over  
Max power 120W - Nom. power: 60W  
Frequency response: 80Hz– 20kHz  
Sensitivity 91 dB (2.83V/1m)

130 mm (5.25") woofer featuring a high-quality coated cellulose pulp membrane, combined with peripheral butyl suspension. The generous size of the magnet (80x15) contributes to the achievement of an optimal QTS, a high level of sensitivity and high power handling. The soft dome tweeter features a neodymium magnet and 20 mm CCAW (copper-aluminum alloy) voice coil



130 RS

### 130 RC

- 130 mm (5.25") coaxial
- integrated 6 dB/oct cross-over

### 130 RS

- 130 mm (5.25") component
  - in-line 6 dB/oct high-pass cross-over
- ajustable tweeter level : 0 dB or -3 dB



## Speakers

### 165 RC

#### Hi-efficiency 2 $\Omega$ speaker system 2 ways

- 165 mm (6.5") coaxial
- integrated 6 dB/oct cross-over

Max power 150 W - Nom. power: 75 W

Frequency response: 60 Hz– 20 kHz

Efficiency 93 dB - Impedance 2  $\Omega$

165 mm (6.5") woofer featuring a high-quality coated cellulose pulp membrane, combined with peripheral butyl suspension - The generous size of the magnet (85x17) contributes to the achievement of an optimal QTS, a high level of sensitivity and high power handling - The soft dome tweeter features a neodymium magnet and 20 mm CCAW (copper-aluminum alloy) voice coil



### 165 RS

#### Hi-efficiency 2 $\Omega$ speaker system 2 ways

- 165 mm (6.5") component
- in-line 6 dB/oct high-pass cross-over
- ajustable tweeter level : 0 dB or -3 dB

### 165 RX

#### Hi-efficiency 2 $\Omega$ speaker system 2 ways

- 165 mm (6.5") component
- 6/12 dB/oct cross-over with ajustable tweeter level : +3dB 0 dB or -3 dB

## 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 / Nom. Power 150 W

Frequency response: 45 Hz - 500 Hz

Efficiency 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 (20) liter bass reflex enclosure - Grille included



### CR8EL

#### Ready to go compact reflex subwoofer enclosure

Supplied foam stand to use it down firing

210 mm (8 ") subwoofer

Maximum power: 300 W / Nom. Power 150 W

Frequency response: 45 Hz - 500 Hz

Sensitivity: 92.5 dB

Impedance: 2 Ohms

Size : H 260mm x D 140mm x W 500 mm

# RELAX

S y s t e m s

## Custom fit



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 6 dB 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 fiberglass 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 8" hi-performance dedicated subwoofer for BMW**  
**Max Power: 120 W / RMS Power: 60W**

Rigid and light fiber glass membrane - Super powerful Neodymium motor - Efficiency 88 dB - Frequency Response 40 Hz -500 Hz. Easily installed to replace the original 165 mm woofers in most pre 2011 BMW



BM 200 XF

**200 mm 8" extra flat underseat subwoofer for BMW**  
**Max Power: 120 W / RMS Power: 60W**

Rigid and light fiber glass membrane - Super powerful Neodymium motor - Efficiency 88 dB - Frequency Response 40 Hz -500 Hz. Easily installed to replace the original 165 mm woofers in all BMW.

## 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)







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