


PRODUCT LINE 2021

# LIVE







*Guy Bonneville*  
**BLAM**  
DRIVEN BY PASSION

Choosing BLAM components labelled with the “French Sound” moniker is like discovering again the emotions of the “live” concert experience.

“French Sound” is a subtle but specific balance designed to accurately reproduce the music’s midrange detail while preserving all the emotions of the “voice”. Faithfully reproducing the dynamics of the original recording but diligently retaining all of the nuances and vocal clarity that make the music come alive.

Building on our 25 years of experience in designing high-end loudspeakers, we have redefined the parameters required to reproduce the dynamics of the recording while preserving the natural balance. The result, born from the perfect marriage of the composite woofer cone with high-quality soft dome tweeters will drive you to rediscover all of your favorite music.

**BLAM wishes you hours of listening enjoyment!**

Guy BONNEVILLE,  
Fondateur de BLAM  
*BLAM founder*



## Speakers

# LIVE



## LFR50



### 50 MM (2'') HIGH RESOLUTION FULL-RANGE DRIVER

- 50 mm (2'') full-range driver
- Max power 50 W- Nominal power 25 W
- Frequency response 200 Hz- 45 kHz
- Sensitivity 85 dB- Impedance 4  $\Omega$
- Mounting depth 31 mm (1.2'')

Die cast aluminium basket- Aluminium cone - Rubber surround - Long life "Nomex" damper - 20.4 mm (0.8'') voice coil with aluminium former - 40 x 5 mm (1.6'' x 0.2'') neodymium magnet-T-yoke equipped with Faraday copper ring

Optimized for sealed enclosure volume from 0.15 L (.0053 cf) to 0.5 L (.019cf)

Minimum hi-pass cut off frequency: 300 Hz 12 dB/octave



# LIVE

## LFR80



### 80 MM (3") FULL-RANGE DRIVER

- 80 mm (3") full-range driver
- Max power 100 W- Nominal power 25 W
- Frequency response 150 Hz- 37 kHz
- Sensitivity 91 dB- Impedance 3  $\Omega$
- Mounting depth 45 mm (1.8")

Die cast aluminium basket - Epoxy resin and glass fiber cone - Butyl surround - Long life "Conex" damper - 20 mm (0.8") voice coil with TIL former - 50 x 10 mm (1.9" x 0.4") neodymium magnet-T-yoke equipped with Faraday copper ring

Optimized for sealed enclosure volume from 0.3 L (.011cf) to 0.5 L (.018 cf)

Minimum hi-pass cut off frequency: 250 Hz 12 dB/octave

## LM80



### 80 MM (3") MID-RANGE DRIVER

- 80 mm (3") mid-range driver
- Max power 100 W- Nominal power 25 W
- Frequency response 100 Hz- 25 kHz
- Sensitivity 87.6 dB- Impedance 3  $\Omega$
- Mounting depth 45.5 mm (1.8")

Die cast aluminium basket - Epoxy resin and glass fiber cone - Butyl surround - Long life "Conex" damper - 20 mm (0.8") voice coil with TIL former - 55 x 10 mm (2.1" x 0.4") ferrite magnet

Optimized for sealed enclosure volume from 2 L (.071cf) to 30 L (1.16cf)

Minimum hi-pass cut off frequency: 250 Hz 12 dB/octave

## OS80



### MACHINED SOLID ALUMINIUM SEALED ENCLOSURE

Compatible with LFR80 and LM80

Available in two colors: light grey and mat Black

## Speakers

# LIVE

## HIGH FIDELITY



Continuing with the “French Sound” concept, the L165A trustfully recreates the acoustic instruments and vocals for a natural and mesmerizing result.

Its rigid and light weight composite membrane with 28 mm diameter coil, grants its dynamics and detail that give life to your tracks. As a result, you forget the components of the system and focus instead on the space of the music!

### L165C **ACOUSTIC**



LW165C

### COAXIAL SPEAKER SYSTEM

Integrated high pass 6 dB/octave crossover.

#### LW165C HIGH FIDELITY WOOFER

- 165 mm (6.5”) woofer
- Max power 140 W- Nominal power 70 W
- Frequency response 55 Hz- 25 kHz
- Sensitivity 92.8 dB- Impedance 2  $\Omega$
- Mounting depth 71 mm (2.8”)

Machined cast aluminium basket - Epoxy resin and glass fiber cone - Butyl rubber surround - Long life “conex” damper - 28 mm (1.1”) voice coil with Kapton former - 80 x 15 mm (3.1” x 0.6”) motor assembly - Thick magnetic circuit 5 mm.

# LIVE

## HIGH FIDELITY

## L165A ACOUSTIC



### 2 WAY COMPONENT SPEAKER SYSTEM

System includes two 165 mm (6.5") woofers, two 25 mm (1") soft dome tweeters, two high-quality low pass 12 dB/octave BFW02 crossovers and two high-quality high pass 12 dB/octave BFT02 crossovers suitable for bi-amplification

### LW165A HIGH FIDELITY WOOFER

- 165 mm (6.5") woofer
- Max power 140 W- Nominal power 70 W
- Frequency response 55 Hz- 9 kHz
- Sensitivity 92.8 dB- Impedance 2  $\Omega$
- Mounting depth 71 mm (2.8")

Machined cast aluminium basket- Epoxy resin and glass fiber cone- Butyl rubber surround- Long life "conex" damper- 28 mm (1.1") voice coil with Kapton former- 80 x 15 mm (3.1" x 0.6") motor assembly- Thick magnetic circuit 5 mm.

### LT25 HIGH QUALITY TWEETER

- 25 mm (1") high quality soft dome tweeter
- Max power 100 W- Nominal power 15 W
- Frequency response 2.5 kHz- 25 kHz
- Sensitivity 91.6 dB- Impedance 3  $\Omega$
- Mounting depth 17 mm (0.7")

High efficiency magnet (N38 neodymium motor).

### BFT02 HIGH QUALITY Crossover

- High pass 12 dB/octave crossover
- Adjustable tweeter level at +3 dB, 0 dB or -3 dB
- Crossover point: 4 kHz

### BFW02 HIGH QUALITY Crossover

- Low pass 12 dB/octave crossover
- Crossover point: 3.5 kHz

## Speakers

# LIVE

## HIGH EFFICIENCY

If now is the time for new speakers in your vehicle to fully enjoy your playlists during your drive where warm, natural tonal balance and strong dynamics are desired, the new Live 165LSQ is made for you.

Developed with the "French Sound" concept we kept in mind the attributes of "vinyl" playback era. To achieve these ideals, we have designed this product using very high-quality materials such as cellulose pulp membranes strengthened with bamboo fibers.

The 165 LSQ will emphasize the authentic side of your favorite tracks and, no matter the music styles. It will make you want to listen to again and again thanks to their mesmerizing warmth, dynamics and smoothness.

### 165 LSQ ORIGINAL



### 2 WAY COMPONENT SPEAKER SYSTEM

System includes two 165 mm (6.5") woofers, two 25 mm (1") soft dome tweeters, two high-quality low pass 6dB/octave BFW01 crossovers and two high-quality high pass 12dB/octave BFT01 crossovers, suitable for bi-amplification

#### 165LSQ HIGH EFFICIENCY WOOFER

- 165 mm (6.5") woofer
- Max power 120 W- Nominal power 60 W
- Frequency response 60 Hz- 9 kHz
- Sensitivity 94 dB- Impedance 2  $\Omega$
- Mounting depth 71 mm (2.8")

Machined cast aluminium basket- Cellulose pulp cone reinforced with bamboo fiber - Butyl rubber surround - Long life "conex" damper - 28 mm (1.1") voice coil with Kapton former- 80 x 15 mm (3.1" x 0.6") motor assembly-Thick magnetic circuit 5 mm.

#### LT25 HIGH QUALITY TWEETER

- 25 mm (1") high quality soft dome tweeter
- Max power 100 W- Nominal power 15 W
- Frequency response 2.5 kHz- 25 kHz
- Sensitivity 91.6 dB- Impedance 3  $\Omega$
- Mounting depth 17 mm (0.7")

High efficiency magnet (N38 neodymium motor).

#### BFT01 HIGH QUALITY CROSSOVER

- High pass 12 dB/octave crossover
- Adjustable tweeter level at +3 dB, 0 dB or -3 dB
- Crossover point: 4.5 kHz

#### BFW01 HIGH QUALITY CROSSOVER

- Low pass 6 dB/octave crossover
- Crossover point: 3.5 kHz



# LIVE

## SUPER SHALLOW

If you want to fully enjoy our "French Sound" but have limited mounting depth in your vehicle, the new L165S SOLO speaker is made for you!

Thanks to its ultra-powerful and yet compact neodymium motor, installation depth is a shallow 62 mm.

Despite its shallow depth, the L165S SOLO emanates a very strong and precise sound that emphasizes both the bassline and the vocal melodies.

### L165S SOLO



### 2 WAY COMPONENT SPEAKER SYSTEM

System includes two 165 mm (6.5") woofers, two 25 mm (1") soft dome tweeters and two high-quality high pass 12dB/octave BFT02 crossovers

#### LW165S SLIM WOOFER

- 165 mm (6.5") woofer
- Max power 140 W- Nominal power 70 W
- Frequency response 55 Hz- 8 kHz
- Sensitivity 90.6 dB- Impedance 3  $\Omega$
- Mounting depth 62 mm (2.4")

Machined cast aluminium basket - Epoxy resin and glass fiber cone - Butyl rubber surround - Long life "conex" damper - 32 mm (1.26") voice coil with Kapton former - 31 x 8 mm (1.2" x 0.3") motor assembly - Thick magnetic circuit 5 mm.

#### LT25 HIGH QUALITY TWEETER

- 25 mm (1") high quality soft dome tweeter
- Max power 100 W- Nominal power 15 W
- Frequency response 2.5 kHz- 25 kHz
- Sensitivity 91.6 dB- Impedance 3  $\Omega$
- Mounting depth 17 mm (0.7")

High efficiency magnet (N38 neodymium motor).

#### BFT02 HIGH QUALITY CROSSOVER

- High pass 12 dB/octave crossover
- Adjustable tweeter level at +3 dB, 0 dB or -3 dB
- Crossover point: 4 kHz

## Speakers

# LIVE

## HIGH POWER



For those seeking the satisfaction of a speaker system with visceral impact and dynamics, the new L165P is made for you.

In fact, just as its name says, the L165P POWER has been created purposely for those who want to fully enjoy their favorite rock or techno tracks.

Combined with a robust amplifier, you will obtain a very high output level, but still maintain a balance, allowing you to live the emotions of your favorite concerts again and again.

Like all BLAM products, this range will let you take advantage of our "French Sound", which emphasizes not only the melodies and the bass line, but the vocal melodies as well.

## L165P POWER



### 2 WAY COMPONENT SPEAKER SYSTEM

System includes two 165 mm (6.5") woofers, two 25 mm (1") soft dome tweeters, two high-quality low pass 12dB/octave BFW02 crossovers and two high-quality high pass 12dB/octave BFT02 crossovers, suitable for bi-amplification

#### LW165P HIGH POWER WOOFER

- 165 mm (6.5") woofer
- Max power 180 W - Nominal power 90 W
- Frequency response 50 Hz - 8 kHz
- Sensitivity 91.7 dB - Impedance 3  $\Omega$
- Mounting depth 76 mm (3")

Machined cast aluminium basket - Epoxy resin and glass fiber cone - Butyl rubber surround - Long life "conex" damper - 32 mm (1.26") voice coil with Kapton former - 85 x 20 mm (3.3" x 0.8") motor assembly - Thick magnetic circuit 5 mm.

#### LT25 HIGH QUALITY TWEETER

- 25 mm (1") high quality soft dome tweeter
- Max power 100 W - Nominal power 15 W
- Frequency response 2.5 kHz - 25 kHz
- Sensitivity 91.6 dB - Impedance 3  $\Omega$
- Mounting depth 17 mm (0.7")

High efficiency magnet (N38 neodymium motor).

#### BFT02 HIGH QUALITY Crossover

- High pass 12 dB/octave crossover
- Adjustable tweeter level at +3 dB, 0 dB or -3 dB
- Crossover point: 4 kHz

#### BFW02 HIGH QUALITY Crossover

- Low pass 12 dB/octave crossover
- Crossover point: 3.5 kHz

# LIVE

## HIGH POWER

### L200P POWER



LW200P

LT25

BFT02

### 2 WAY COMPONENT SPEAKER SYSTEM

System includes two 200 mm (8") woofers, two 25 mm (1") soft dome tweeters, two high-quality high pass 12dB/octave BFT02 crossovers

#### LW200P HIGH POWER WOOFER

- 200 mm (8") woofer
- Max power 200 W- Nominal power 100 W
- Frequency response 40 Hz- 8 kHz
- Sensitivity 94.4 dB- Impedance 2  $\Omega$
- Mounting depth 69 mm (2.7")

Machined cast aluminium basket - Epoxy resin and glass fiber cone - Butyl rubber surround - Long life "conex" damper - 38 mm (1.5") voice coil with Kapton former - 110 x 20 mm (4.3" x 0.8") motor assembly - Thick magnetic circuit.

#### LT25 HIGH QUALITY TWEETER

- 25 mm (1") high quality soft dome tweeter
- Max power 100 W- Nominal power 15 W
- Frequency response 2.5 kHz- 25 kHz
- Sensitivity 91.6 dB- Impedance 3  $\Omega$
- Mounting depth 17 mm (0.7")

High efficiency magnet (N38 neodymium motor).

#### BFT02 HIGH QUALITY Crossover

- High pass 12 dB/octave crossover
- Adjustable tweeter level at +3 dB, 0 dB or -3 dB
- Crossover point: 4 kHz



Subwoofers

LIVE

LSP20



200 MM (8'') SUBWOOFER

- 200 mm (8'') subwoofer
- Max power 500 W- Nominal power 250 W
- Frequency response 35 Hz- 500 Hz
- Sensitivity 89.4 dB- Impedance 2 x 2 Ω
- Mounting depth 121 mm (4.8'')

Steel basket - Injected polypropylene cone - Foam surround - Long life “conex” damper - 50 mm (2'') dual voice coil on aluminium former - Dual 120 x 20 mm (4.7'' x 0.8'') motor assembly- Extended T-yoke.

Recommended sealed enclosure :

Internal volume Vb	F -3 dB	Boost
10 L	41 Hz	0.3 dB at 90 Hz
15 L	41 Hz	0.1 dB at 110 Hz
25 L	40 Hz	No boost



LIVE

LSP25



250 MM (10'') SUBWOOFER

- 250 mm (10'') subwoofer
- Max power 600 W- Nominal power 300 W
- Frequency response 30 Hz- 500 Hz
- Sensitivity 92.6 dB- Impedance 2 x 2 Ω
- Mounting depth 140 mm (5.5'')

Steel basket - Injected polypropylene cone - Foam surround - Long life "conex" damper- 60 mm (2.4'') dual voice coil on aluminium former- Dual 140 x 20 mm (5.5'' x 0.8'') motor assembly- Extended T-yoke.

Recommended sealed enclosure :

Internal volume Vb	F -3 dB	Boost
15 L	42 Hz	0.4 dB at 88 Hz
25 L	41 Hz	No boost
45 L	41 Hz	No boost

## Amplifiers & DSP

# LIVE



We developed the LIVE amplifiers by considering every parameter; bringing them to life by measuring and listening to each design concept until they reached our design target. The result is a huge reserve of power that reproduces every detail of the music. Low frequency information is precisely reproduced with impressive authority. Their large heatsink area keeps the amplifier cool, increasing stability and reliability. Their robust design is combined with a high-end finish and are available in two colors black or silver.

**BLAM wishes you long hours of listening enjoyment!**



# LIVE

### LA 4100



#### 100 W X 4 CHANNEL CLASS AB PURE SQ AMPLIFIER

- RCA low level inputs: 0.2 V - 6 V
- RMS Power (4  $\Omega$ ): 4 x 100 W
- RMS Power (2  $\Omega$ ): 4 x 130 W
- RMS Bridged Power (4  $\Omega$ ): 2 x 260 W
- Low pass crossover: 50 Hz - 3 kHz (Rear)
- High pass crossover: 50 Hz - 3 kHz (Front), 15 Hz - 500 Hz (Rear)
- Bass boost: 0-10 dB at 45 Hz (Rear)
- Signal/noise ratio > 100 dB
- Remote subwoofer level control: 0-10 dB (Rear)
- Mono/Stereo selector (Rear)
- Protections: short circuit / low impedance / reversal of polarity / heat protection
- Dimensions (L x W x H): 416 x 217 x 60 mm - 16.3" x 8.5" x 2.4"

**It is also available in the Black edition**

**Remote level control is optional**

# LIVE



## LA 500



### 500 W CLASS D MONO AMPLIFIER

- RCA low level inputs: 0.2 V- 6 V
- RMS Power (4  $\Omega$ ): 230 W
- RMS Power (2  $\Omega$ ): 400 W
- RMS Power (1  $\Omega$ ): 500 W
- Low pass crossover: 30 Hz- 250 Hz
- Subsonic filter: 15 Hz- 35 Hz
- Bass boost: 0-10 dB at 45 Hz
- Signal/noise ratio > 100 dB
- Protections: short circuit / low impedance / reversal of polarity / heat protection
- Dimensions (L x W x H):  
346 x 217 x 60 mm- 13.6" x 8.5" x 2.4"
- Remote level control included

**It is also available in the Black edition**

## LA 1000



### 1000 W CLASS D MONO AMPLIFIER

- RCA low level inputs: 0.2 V- 6 V
- RMS Power (4  $\Omega$ ): 400 W
- RMS Power (2  $\Omega$ ): 660 W
- RMS Power (1  $\Omega$ ): 1000 W
- Low pass crossover: 30 Hz- 250 Hz
- Subsonic filter: 15 Hz- 35 Hz
- Bass boost: 0-10 dB at 45 Hz
- Signal/noise ratio > 100 dB
- Protections: short circuit / low impedance / reversal of polarity / heat protection
- Dimensions (L x W x H):  
396 x 228 x 59 mm- 15.6" x 9" x 2.3"
- Remote level control included

**It is also available in the Black edition**



# LIVE

## LA 808 DSP PRO



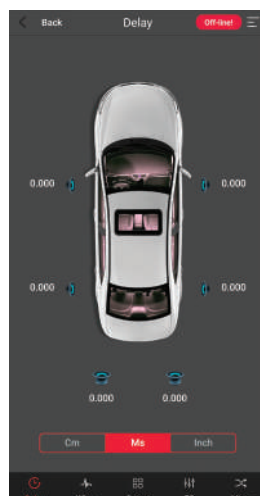
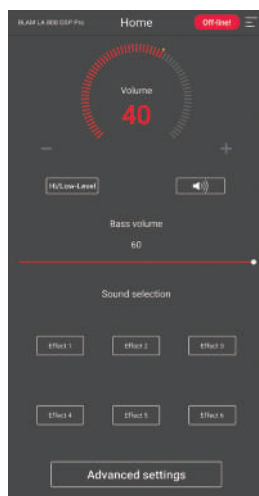
### 80 W X 4 CHANNEL CLASS D AMPLIFIER WITH INTEGRATED DSP

- High level inputs with auto turn on
- 4 high level inputs and 4 low level inputs
- 4 high level outputs and 4 low level outputs
- RCA low level inputs: 0.8V/8V
- RMS Power (4  $\Omega$ ): 4 x 50 W
- RMS Power (2  $\Omega$ ): 4 x 75 W
- Bridge Power (4  $\Omega$ ): 2 x 150 W
- Frequency response 20 Hz- 20 kHz
- Signal/noise ratio > 100 dB
- Protections: short circuit / low impedance / reversal of polarity / heat protection
- External remote control to adjust the volume and switch the mode
- Selectable slope 6-48 dB, Butterworth, Linkwitz or Bessel alignment
- Up to 10 ms time delay available on each channel
- Dimensions (L x W x H): 216 x 149 x 47 mm- 8.5" x 5.9" x 1.9"
- Remote level control included

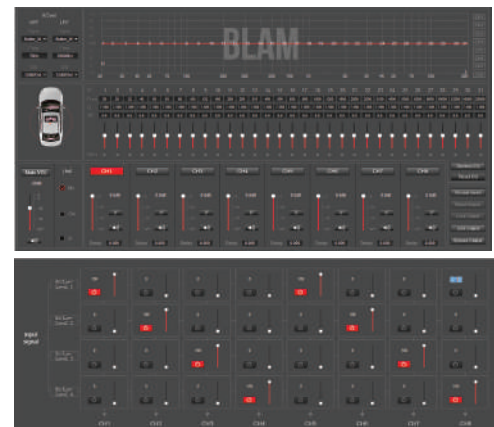
**BT dongle optional**

**Optionnal Plug & Play cable available**

Smartphone App for Android and IOS  
BLAM LA808



Windows software  
BLAM LA808 DSP Pro



## Amplifiers & DSP

# LIVE



## LSP 68



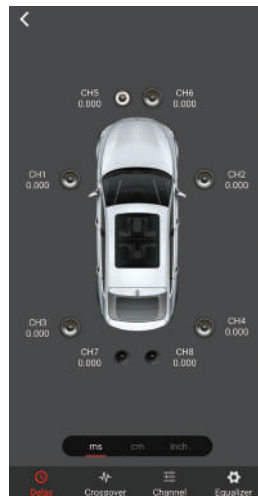
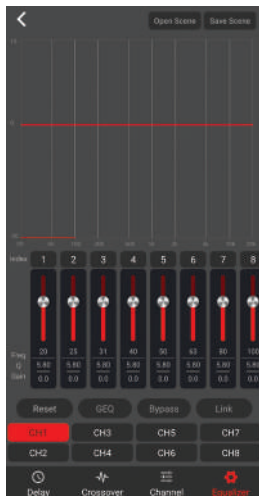
### 6 INPUT TO 8 OUTPUT HIGH PERFORMANCE DIGITAL AUDIO PROCESSOR

- 64-bit Digital signal processor
- Sampling frequency 96 kHz
- 4 high level input
- 6 low level input
- 1 optical input
- 1 digital signal input
- BT 5.0 antenna
- 8 output
- Variable equalizer: 31 bands (CH 1-6) and 11 bands (CH 7-8)
- Selectable slope 6-48 dB, Butterworth, Linkwitz or Bessel alignment
- Up to 15 ms time delay available on each channel
- Dimensions size (L x W x H):  
197 x 129 x 32 mm- 7.8" x 5.1" x 1.3"
- Remote level control included

#### Specifications:

Power supply: 9.5V- 16.5V  
Frequency response: 20 Hz- 22 kHz  
Input sensitivity: 4V- 12.5V  
Max Output level:  $\geq 4V$

#### Smartphone App for Android BLAM LSP68



#### Windows software BLAM LSP68



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