

*Signature* **Multix  
Barrel**



Driven by passion.



*Signature* **Multix  
Barrel**



# “BONJOUR”



**T**he starting point is listening, BLAM's passion for music, for the artists, and for their work. How can we transcribe their sensibilities, nuances, and strengths with precision and personality?

It all starts in the mind, a clean slate that fills up... Finding the vision, the correlation between sound and object. Finding the meeting point between the raw and the elegant, between the expected and the extraordinary. For 10 years, BLAM has been striving to make each of its loudspeakers an extension of the mind, the voice and of the heart.

BLAM is never still; always innovating to reinforce our French Sound guideline: "Put the artist's voice at the center, be direct, and enhance the liveliness and

purity of the music". Each of our loudspeakers undergoes numerous listening tests before reaching its final form. The result is one of sensitivity, effort, and experience, not mere calculation.

Finally, the hands come into play. BLAM is unique in our methods of pursuing excellence, and it's thanks to the mastery and know-how of our constructors that each component is carefully and meticulously crafted here in France for shipment to over 40 countries worldwide.

Here, everyone knows everyone, and everyone has the same goal: to provide you with a rare audiophile experience. Driven by passion, for 10 years.



## **Multix** MADE **Barrel** TO MEASURE

**B**ecause music has never been more abundant or diverse; more than 100,000 tracks are released every day. The tastes and desires of individual listeners have never been more complex and open.

Our loudspeakers have been designed to respond to the musical diversity of our time and to be a reference, no matter the genre. To go one step further, with the Multix Barrel range and the professionalism of each of our installers, we want to offer a "made-to-measure" experience to ensure optimal installation. With an avant-garde "à la carte" service and a choice of details for each tweeter, woofer, midrange, and

crossover, our Multix Barrel range aims to highlight the unique, with the sound adapted to you, your needs, and your vehicle.

Over the past 10 years, BLAM has built a prestigious reputation as one of the world's leading loudspeaker designers, and our Multix Barrel range is the result. By choosing one of our exclusive partners, a trained integrator can ensure the best configuration for your vehicle. The installation is as important as the design and production phase, which is intended to be the final touch, the one closest to you, ensuring optimal quality and positioning of our products.



## MADE IN FRANCE



**B**ecause that's where our passion for music comes from, our roots, our first concerts, family moments, celebrations and our first visceral experience . Although essential to us, Made in France is not just about manufacturing in France. It is a commitment to our emotions and our memories.

Here, near Saint-Étienne, each loudspeaker is designed, studied, assembled and tested by our team with meticulous care and passion. BLAM is committed to never betraying what brought it into being, and it's through rigorous control at every stage, from initial design to final assembly, that we ensure precision and vibrant acoustic quality. The French Sound is thus born; supported by the finest materials, essential know-how and the desire to bring to life for each and every one of our audiophiles, a little bit of home, of everything that inhabits us and has made us filled with emotion for 10 years.









# PRESTIGIOUS DESIGN

## A COMPACT, FUNCTIONAL FRAME

**M**ultix Barrel is an innovative frame. Thanks to its optimized size, it can be integrated into a variety of environments without sacrificing acoustic performance. Its reduced size doesn't change its robustness; on the contrary, its more compact size enhances it.

The well-designed aluminum frame ensures efficient heat dissipation from the motor while limiting compression effects. This ensures sound stability even at high levels.

The waves on the top of the frame are a poetic and naive representation of the sound waves produced by our speakers. They also represent the spirit and nervous system of our brain, which we've used to combine elegance, discretion and performance. Every detail has been carefully considered to create a frame that not only enhances sound quality, but also the user experience.



**OLD FRAME**

**NEW FRAME**





## ELECTROMAGNETIC MOTOR **Multix Barrel**

**T**he innovative Multix Barrel motor, designed with a proprietary simulator, offers top performance thanks to an electromagnetic system optimized to maximize the efficiency of neodymium magnets.

Its unique design of 10 high quality teardrop-shaped neodymium magnets ensures optimum air circulation around the coil, contributing to better heat dissipation. Each element of the magnetic circuit is precision machined from high quality low carbon steel to optimize flux flow.

The 1.5" (40 mm) diameter coil, bathed in a powerful, wide flux, pushes the ultra-rigid carbon diaphragm to produce high levels with very low distortion.

Whether you are listening to classical music with its soft strings or hip-hop tracks with their thick, powerful bass lines, you'll be able to enjoy your music in all its detail without compromise. Our Multix Barrel is the perfect blend of technological innovation and elegant design.



FRENCH SOUND



**BLAM**  
FRENCH SOUND  
blam-audio.com

*Signature*  
**WS 6 MULTIX**  
Made in France

Designed and handcrafted by BLAM Laboratory

## MID-HIGH FREQUENCIES

*Signature* **Multix  
Barrel**

**T**he miniaturized Multix Barrel motor with 10 small neodymium teardrops and (3/4" - 20 mm) voice coil is capable of producing high SPL without saturation or excessive compression. The MB2 (2" - 50mm) and MB3 (3" - 80mm) are compact enough to be mounted in OEM locations or custom locations to enhance the sound image and bring incredible precision critical to the clarity of vocals and instruments, offering faithful reproduction of sonic details.

### **TWEETERS ARE AVAILABLE IN 3 TYPES:**

- A T28S soft dome version for smooth response and homogeneous sound dispersion without being aggressive. Its natural sound adapts to a wide range of musical styles.
- The T28MG's pure magnesium diaphragm is stiff and lightweight, allowing the tweeter to operate at high SPLs without distortion. This results in greater sonic clarity even at high volumes.
- The AMTI (Air Motion Transformer) version uses a lightweight pleated diaphragm with a large radiating area. Its innovative design efficiently transforms air to produce clear, detailed highs beyond 35 kHz. The AMTI surprises with its ability to reproduce the fine, subtle details of high-resolution recordings without coloration or ear fatigue.

Our passive filters are designed with the highest quality components to avoid "saturation" or limiting signal dynamics. These filters create a natural tonal balance between different frequencies for a more cohesive, balanced sound.





# MB 812

## SUBWOOFER

**P**owered by a huge Multix Barrel motor, the MB 812 produces deep, powerful and detailed bass, ideal for adding immersive bass to your system. Its ingenious 8"x12" (20 x 32 cm) format delivers the power of a 10-inch subwoofer while fitting into a slimmer, sealed cabinet.

The MB 812 embodies innovation in the service of sonic power.

### TECHNICAL SPECIFICATIONS

- Dual coil: 2 X 2 $\Omega$  for greater flexibility, 2" (50 mm) copper wire coil wound on aluminum support for greater power handling.
- Multi-layer carbon fiber cone for extreme rigidity and lightness.
- Double half-roller suspension: This suspension provides a high degree of linear excursion of the diaphragm.
- Multix Barrel Motor: Provides a high magnetic field and very high excursion capacity.
- Very high power handling: 500 watt RMS.

# “MERCI”

Our Multix Barrel series is a dedication to French Sound. Years of work have gone into bringing you loudspeakers of rare precision, suitable for all musical styles. Manufactured in our own factory in France, with innovative designs to enhance the sound, we aim to meet the needs of the most demanding audiophiles. Our avant-garde "à la carte" concept enables the integrators we select with confidence to meet and exceed your expectations. For 10 years, BLAM has been driven by passion, and every day we work hard and put our skills at the service of an image: Your facial expressions, brought to life by your favorite tunes. Thank you to those who put their trust in us and thank you to the quality of our technicians who make this rare audiophile experience possible.



### SIGNATURE MULTIX BARREL COMPONENT SET

NAME SET	DESCRIPTION	WOOFER	MEDIUM	TWEETER	CROSSOVER
MB 200.2	200 mm (8") 2 way component SET	MB 8D		AMTI	WT
MB 200.3	200 mm (8") 3 way component SET	MB 8D	MB 3	T 28MG	WM BFT01
MB 165.2	165 mm (6") 2 way component SET	MB 6P		AMTI	WT
MB 165.3	165 mm (6") 3 way component SET	MB 6D	MB 3	T 28MG	WM BFT01
MB 690.2	6"x9" 2 way component SET	MB 690		AMTI	WT

### SIGNATURE MULTIX BARREL WOOFER DRIVER

NAME SET	DESCRIPTION
MB 8D	Signature - Multix 200 mm (8") Woofer
MB 6P	Signature - Multix 165 mm (6") Mid bass
MB 6D	Signature - Multix 165 mm (6") Woofer
MB 3	Signature - Multix 80 mm (3") full range speaker
MB 2	Signature - Multix 50 mm (2") full range speaker
MB 690	Signature - Multix 6"x9" Woofer

### SIGNATURE MULTIX BARREL TWEETER

NAME SET	DESCRIPTION
AMTI	Air motion transformer tweeter
T 28S	28 mm (1") Soft dome tweeter
T 28MG	28 mm (1") Pure magnesium dome tweeter

### SIGNATURE MULTIX BARREL SUBWOOFER

NAME SET	DESCRIPTION
MB 812	20x32 cm (8"x12") - Signature High Power Subwoofer









Driven by passion.

[www.BLAM-audio.com](http://www.BLAM-audio.com)