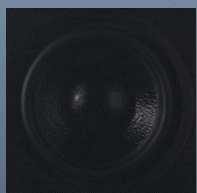
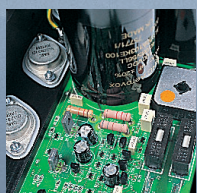


REL
B-Series
Sub-Bass
Systems

Great Britain's
most acclaimed
Sub-Bass Systems





Attention-to-detail is evident throughout. All-new cabinetry, electronics and driver technology is combined to deliver outstanding bass slam and depth.

*B1 (center)
B2 (left)
B3 (right)*



B-Series Sub-Bass Systems



"Do one thing, do it perfectly."
Confirmation of our mission exists in the form of the B-Series™. Avoiding gratuitous embellishment, REL continues to evolve the classic virtues of our conservative design principles: exacting approaches to amplifier construction, powerful acoustic designs that eschew novelty, and a relentless drive for quality and reliability above all.

B-Series provides music and film devotees with a new higher standard by which to judge sound. Designed at the behest of one of the film industry's leading studios, the brief was to retain REL's much loved musical and accurate deep bass while adding percussive attack and slam in the middle bass regions necessary to convey the visceral qualities of film sound. An investigation ensued into various bass alignments that would result in preservation of the deepest bass and airiness that is a hallmark of REL designs; yet add the necessary dynamic impact. The result is the B-Series. Our newest offerings are superbly crafted to perform their dual role as musical foundation-builder and as film special effects master.

Beginning with the new bass engines—a term we do not use lightly describing the speakers we use in our designs—these industrial strength designs are capable of immense output and profoundly deep bass. Massive cast aluminium chassis (B1 and B2), long-stroke voice coil and suspension designs, and sound reinforcement-grade magnet structures combine to produce an effortless quality.

The forward orientation of the driver produces excellent launch into the listening area with an improved ability to produce high output levels even in difficult room acoustics. Meanwhile, the backwave off the drivers is led through a carefully constructed acoustic labyrinth before being released through a massive downfiring port. It is this careful treatment that results in the long waves of the bass that ripple along the floor and produce the scale and air in recording venues.

The power amplifiers are all the industry has come to expect of REL; generous power supplies and expensive components throughout. Large metal-cased MOSFET output devices designed



Comprehensive input and control facilities provide unprecedented flexibility for system tuning in both two-channel and film sound systems.

to withstand enormous thermal loads and high tech, surface mount devices for the all-critical low level circuits.

The filter board and crossover are proprietary REL designs that provide a unique ability; only REL's can simultaneously process their high level circuit and the

B-Series Sub-Bass Systems

REL



Enclosure Type:
ARM Loaded with Port
Port Diameter: 2.84" (72 mm)
Input Connectors:
2-Neutrik Speakon / 2-RCA Phono
Gain Control Range: 80dB
Amplifier Type: DC Coupled MOSFET
Input Impedance:
100k Ohms / High Level
Two-Channel Unbalanced
100k Ohms / High Level
Single-Channel Balanced
10k Ohms / Low Level (LFE)
Black 0dB, Red + 12dB

Drive Unit: 10" (250 mm), Long Throw

Low Frequency Response:
18Hz in Room at -6dB
Power Output: 200 Watts
Phase: 0 and 180 degrees
Dimensions (WHD): 13.5 x 21.5 x 16.5 in.
343 x 546 x 419 mm (height includes feet)
Weight: 64lbs (29kg)
Finish: Brittex Black, Maple, Cherry or
Rosenut optional



Enclosure Type:
Balanced ARM Loaded with Port
Port Diameter: 3.95" (100 mm)
Input Connectors:
2-Neutrik Speakon / 2-RCA Phono / 1-XLR
Gain Control Range: 80dB
Amplifier Type: DC Coupled MOSFET
Input Impedance:
100k Ohms / High Level
Two-Channel Unbalanced
100k Ohms / High Level
Single-Channel Balanced
10k Ohms / Low Level (LFE)
Black 0dB, Red + 12dB
10k Ohms / Low Level
Single Channel Balanced

Drive Unit: 10" (250 mm), Long Throw
Heavy-Duty Cast Frame

Low Frequency Response:
16Hz in Room at -6dB
Power Output: 300 Watts
Phase: 0 and 180 degrees
Dimensions (WHD): 13.5 x 24 x 16.5 in.
343 x 610 x 419 mm (height includes feet)
Weight: 80lbs (36kg)
Finish: Brittex Black, Maple, Cherry or
Rosenut optional



Enclosure Type:
Balanced ARM Loaded with Port
Port Diameter: 4.75" (120 mm)
Input Connectors:
2-Neutrik Speakon / 2-RCA Phono / 1-XLR
Gain Control Range: 80dB
Amplifier Type: DC Coupled MOSFET
Input Impedance:
100k Ohms / High Level
Two-Channel Unbalanced
100k Ohms / High Level
Single-Channel Balanced
10k Ohms / Low Level (LFE)
Black 0dB, Red + 12dB
10k Ohms / Low Level
Single Channel Balanced

Drive Unit: 12" (300 mm), Long Throw
Heavy-Duty Cast Frame

Low Frequency Response:
13Hz in Room at -6dB
Power Output: 500 Watts
Phase: 0 and 180 degrees
Dimensions (WHD): 15.25 x 26 x 18.5 in.
387 x 660 x 470 mm (height includes feet)
Weight: 95lbs (43kg)
Finish: Brittex Black, Maple, Cherry or
Rosenut optional

Note: Specifications subject to change without notice

.1 input. This confers the unique ability to create true full range main speakers via the high level input, capable of extending at or close to 20Hz for music. When theatre is required of the system, it instantly accepts and optimizes the sound of the vital .1 channel while simultaneously retaining the low bass reinforcement of the main speakers. This ability elevates REL Theatre Reference™, as we call this connection ability, into a realm in which the only competition is large public theatres and professional transfer studios.

B-Series are serious devices, intended for the sophisticated and experienced system builder. Easy to integrate, easy to use, they are built to a standard to which few products today can aspire. While the apparent glamour of pseudo-technologies such as rudimentary computerized room adjustment programs will find their share of buyers, for those demanding a higher level of performance and features intended to extract one thing and one thing only—perfect deep bass, perfectly integrated with the main speakers—there is only one choice, REL B-Series.

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