

REL

R-Series Sub-Bass Systems

Great Britain's
most acclaimed
Sub-Bass Systems



R-Series

REL Acoustics R-Series represents the perfect intersection of style, performance, and size. R-Series is intended to provide its owner with a high performance platform that outperforms the competition, yet provides a level of fit, finish and thoughtfulness long absent from the category.

Details, details! Engineers at REL long ago founded the company's reputation for quality and reliability on designing to the finest detail and the R-Series takes that concept yet another stage further. Consider the previously challenging detail of adjusting performance parameters of a sub bass unit. The exquisitely crafted control box—sited just below the main body of the R cabinet allows for easy adjustment. Simply remove the thick frosted safety glass security panel (a full 8mm thick), make a few simple adjustments and you're done.

No phony computers! No fussing about with a microphone and alleged optimization programs that attempt to crudely approximate real world performance for REL. We offer simple, finely calibrated instrumentation-grade controls that make intuitive sense and are easy to operate. Need a higher volume level? We suggest turning up the control cleverly labeled "Hi-Lo Level". Crossed over just a tad too high for your tastes? Turn down the control labeled "Crossover". It really is that simple. Many owners

report that it took longer to extract the unit from its excellent packing than to set-up their REL.

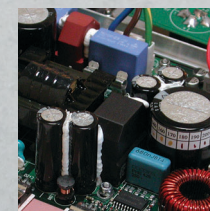
Power with Control: R-Series represents our first use of digital amplifiers; REL having determined that until recently Class-D amps did not offer sufficient control to meet our standards. However, recent advances in the state of the amplifier art have resulted in a range of amplifiers that demonstrate excellent speed and control, especially in the low bass. When partnered with new drivers that are higher in performance, yet lighter in weight than their predecessors, the result is a new level of performance for the category.



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



R-305



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

*R-505 (left)
R-305 (center)
R-205 (right)*

REL

Unique R-Series Features

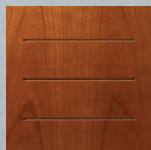
REL R-Series are not traditional subwoofers, but rather true sub-bass systems. The R-Series is designed to augment the performance of "full range" speaker systems and to provide linear response down to below 20Hz. Properly set-up and positioned, they will take advantage of physics and room acoustics to provide deep pressurization as no other subwoofer can.

Unique to REL are its connectivity options. For two-channel audio systems a high-level connection, using the supplied cable with the Neutrik Speakon connector, is always the first choice. By connecting to the amplifier's speaker outputs the sonic signature of the entire amplification chain is folded into the signal for the sub, thereby keeping timing and timbre cues consistent. Additionally, a low-level connection

using RCA inputs is always an option, should high-level connection not be possible. In a surround system where both high-level and low-level connection is used, the REL R-Series provides individual inputs and gain control for both the Neutrik high level and .1/LFE input. This simultaneous input allows an accurate signal blend of LFE and main speaker bass reinforcement unique to REL.

All R-Series models feature a front mounted heavily shielded aluminium control box for gain, crossover and phase adjustment. The location of these controls allow for easy access when performing set-up and a glass security panel can be affixed to prevent tampering. Additionally, this box can be removed from the enclosure along with the feet to effectively reduce the enclosure's size. This is most useful in a custom installation situation.

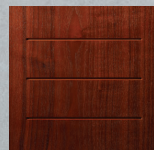
Optional Wood Finishes



Cherry



Oak



Rosenut

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R-Series Sub-Bass Systems



Enclosure Type: Closed box loading

Roll Off: 25Hz to 100Hz

Input Connectors:

Neutrik Speakon – High Level /
Phono – LFE / Phono – LINE

Amplifier Type: Switching Amplifier

Input Impedance:

150K Ohms / High Level
Two Channel Unbalanced
33K Ohms / Low Level (LFE)
Unbalanced
10K Ohms / Line Level
Unbalanced

Input Sensitivity:

Low Level 40dB
High Level 22dB

Drive Unit:

10" (254 mm)
Heavy Duty Long Throw

Power Output: 200 Watts RMS

Phase: 0 and 180 Degrees

Mains Input: 230V

Protection: Over Current, Over Voltage

Mains Fuses: 2.50 Amp semi delay

Dimensions (WHD):

11.5 x 13.25 x 12.5 inches
292.1 X 336.5 X 317.5 mm
(including feet, controls and grille)

Weight: 30.5 lbs (13.6kg)



Enclosure Type: Closed box loading

Roll Off: 25Hz to 100Hz

Input Connectors:

Neutrik Speakon – High Level /
Phono – LFE / Phono – LINE

Amplifier Type: Switching Amplifier

Input Impedance:

150K Ohms / High Level
Two Channel Unbalanced
33K Ohms / Low Level (LFE)
Unbalanced
10K Ohms / Line Level
Unbalanced

Input Sensitivity:

Low Level 40dB
High Level 22dB

Drive Unit:

10" (254 mm)
Heavy Duty Long Throw Cast Frame

Power Output: 300 Watts RMS

Phase: 0 and 180 Degrees

Mains Input: 230V

Protection: Over Current, Over Voltage

Mains Fuses: 2.50 Amp semi delay

Dimensions (WHD):

12.5 x 14.25 x 13.5 inches
317.5 X 368.3 X 342.9 mm
(including feet, controls and grille)

Weight: 41 lbs (18.6kg)



Enclosure Type: Closed box loading

Roll Off: 25Hz to 100Hz

Input Connectors:

Neutrik Speakon – High Level /
Phono – LFE / Phono – LINE

Amplifier Type: Switching Amplifier

Input Impedance:

150K Ohms / High Level
Two Channel Unbalanced
33K Ohms / Low Level (LFE)
Unbalanced
10K Ohms / Line Level
Unbalanced

Input Sensitivity:

Low Level 40dB
High Level 22dB

Drive Unit:

12" (305 mm)
Heavy Duty Long Throw Cast Frame

Power Output: 500 Watts RMS

Phase: 0 and 180 Degrees

Mains Input: 230V

Protection: Over Current, Over Voltage

Mains Fuses: 2.50 Amp semi delay

Dimensions (WHD):

15 x 16.75 x 16.5 inches
381 X 425.4 x 419.1 mm
(including feet, controls and grille)

Weight: 58 lbs (26.3kg)

Note: Specifications subject to change without notice