

KEF R11 Walnut

R11 is a *genuine* audio bargain. Period."

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Proizvođač: KEF

Cena: 299.880,00 rsd

<https://www.soundstageaustralia.com/index.php/reviews/247-kef-r11-loudspeakers>

Nestled in the centre of these lies the new 12th generation Uni-Q driver array. The 125mm (5 in.) midrange driver and 25mm (1 in.) aluminium dome tweeter combine to deliver an even more natural midrange and treble than believed possible at this price point. The result is a speaker that can pick out the softest details with grace and refinement, as well as deliver raw power and strength.

Shadow Flare

Derived directly from the Reference Series, the Shadow Flare is an innovative method of reducing harmful cabinet diffraction and one that allows the wonderful Uni-Q to work at its highest level.

Shadow Flare is more than just a trim ring. It is a precision designed surface that extends the waveguide effect of Uni-Q. The tweeter no longer has line of sight of the cabinet edges, creating a 'shadow region' at the points where the potential for diffraction is highest, minimising the acoustic impact to negligible levels.

The result is improved clarity, particularly when it comes to the subtle nuances of plucked strings and other percussive sounds.

Bass Drivers

To maximise bass performance in the new R Series, the dedicated low-frequency drivers are built using a two-part structure, where a shallow concave aluminium skin sits atop a paper cone. This stiffness combined with the cone's unique geometry reduces additional resonances and delivers the piston movement that makes these drivers time so well.

The new drivers also benefit from a completely redesigned magnet system that creates a more even magnetic field, and a design of suspension that reduces harmonic distortion for a cleaner, more precise sound.

The result is tight, agile bass that digs out all the soul and punch available in the low end.

Cabinet Bracing

All the cabinets in the new R Series benefit from Constrained Layer Damping bracing. Originally developed for the multiple award-winning LS50, this system utilises internal braces joined to the panels by a lossy interface rather than being adhered to it rigidly. This approach is highly effective at dissipating unwanted vibrations.

A new internal bracing layout works alongside Constrained Layer Damping to create an incredibly inert platform from which the drive units can work their magic, enabling the R Series to deliver music as it is supposed to sound, without any unwanted extras.

Flexible Port Technology

When it comes to generating deep, articulate bass, port design is a vital element.

The ports in the R Series are precisely positioned and feature innovative flexible walls. Using computational fluid dynamics, the flare and profile of each port is calculated to delay the onset of turbulence, while the flexible port walls prevent longitudinal resonances from colouring the midrange.

The result is not only better bass, but cleaner sound further up the frequency range in the vital lower midrange area.

Beautiful by Design

Great design is timeless. KEF’s designers seek to create deceptively simple, elegant loudspeakers. While the drive unit arrangement is rightfully driven by acoustic, rather than aesthetic considerations, each loudspeaker is visually appealing without resorting to brash styling.

Finishes

Understated design is complemented by carefully selected finishes. Conceived to be at home in either traditional or modern interiors, the R Series comes in a choice of two exceptionally sleek gloss finishes or a classic wood veneer.

These finishes go deeper than just a base colour. Each speaker benefits from KEF’s tone-on-tone approach to design where the tweeter dome, driver cones, feet, spikes and KEF logo are tone matched to the finish.

Grilles

The R Series has been created to sound at its best without grilles. However, optional dedicated microfibre grilles are available for the R Series. Each grille is crafted from 13 layers of material and has a wonderful suede-like feel, and thanks to 1801 precision-cut holes for each driver the performance with the grilles in situ offers a considerable improvement on standard MDF acoustic cloth grilles, therefore minimises the traditional compromise between great sound and driver protection. The magnetic fixings provide a secure, precise fit, in keeping with the clean styling of the R Series.

Surround Sound

The new R Series is your ticket for getting the best out of movies, delivering the natural, consistent sound essential for a phenomenal surround sound experience. The same sized Uni-Q array is shared by the R2c centre channel, the R3 stand mount and all three floorstanding models. Creating a consistent sound character, this ensures that focus is entirely on the film and not the equipment around the room.

Plus, the R Series includes the R8a, a closed box speaker designed to be either wall mounted for surround applications or used as a speaker-on-top Dolby Atmos module. And with the addition of any of KEF’s class-leading subwoofers, the whole cinematic experience is felt, from the deepest impact to the softest whisper.

R11 Specifications	
Design	Three-way bass reflex
Drive Units	HF: 25mm (1in.) vented aluminium dome MF: 125mm (5in.) aluminium cone Bass Driver: LF: 4 x 165mm (6.5in.) hybrid aluminium
Crossover Frequency	400Hz, 2.9kHz
Frequency Range (-6dB)	30Hz - 50kHz
Typical in-room Bass Response (-6dB)	26Hz
Frequency Response (±3dB)	46Hz - 28kHz
Harmonic Distortion (90dB, 1m)	<0.3% 0.3% 120Hz - 20kHz
Maximum Output	113dB
Amplifier Power (recommended)	15 - 300W
Nominal Impedance	8Ω (min.3.2Ω)
Sensitivity (2.83V/1m)	90dB
Weight	37.7 kg (83.1 lbs.)

R11 Specifications

Dimensions (H x W x D) with terminal	1249 x 200 x 383.5 mm (49.2 x 7.9 x 15.1 in.)
Dimension (H x W x D) with terminal with Plinth	1295.5 x 310.6 x 383.5 mm (51 x 12.2 x 15.1 in.)
Finishes	Walnut