

# MODULARI DUO REFERENCE

**KRELL**  
THE LEADER IN AUDIO ENGINEERING

ULTRA HIGH RESOLUTION FULL RANGE LOUDSPEAKER



**Refined elegance meets unbridled performance in  
the Modulari Duo Reference loudspeaker**

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## ULTRA HIGH RESOLUTION FULL RANGE LOUDSPEAKER

The Modulari Duo Reference is a full range high performance loudspeaker. It consists of the unique Modulari Primo, a small 2-way loudspeaker that sits atop a dedicated Modulari woofer tower. The Modulari Primo is available separately and is perfect for bookshelf, center channel, and surround channel applications. Seamless acoustic integration is achieved when coupled to the Modulari woofer tower, resulting in unmatched fidelity, soundstage rendering, and startling dynamics.

## DESIGN

### Modulari DUO – Construction

Solid Aluminum construction, measuring between 1/2 to 1 inch thick throughout, eliminates all resonances associated with wood based enclosures.

Two-enclosure design isolates midrange and high frequency drivers from distortion- inducing low frequency energy created by woofer motion.

Back wave air pressure from the woofers is carefully tuned by dual ports (top and bottom) that load through a single slot opening in the rear panel. Rectangular slot dimension – inches (W x H) (8 1/2 x 2 1/8)

### Crossover highlights

Separate crossover network assemblies are used for each driver. All circuitry is on 1/8-inch thick glass epoxy circuit boards with 4 oz. copper traces, ensuring low microphonics, low resistance, low inductance and high current handling.

Crossover inductors are all air-core pure copper designs. Individually potted polypropylene WIMA capacitors are used in parallel to minimize inductance and resistance, and improve current handling.

Loudspeaker impedance curve is extremely smooth. Nominal impedance: 4-ohms, Sensitivity: 89dB (1meter with 1W input), 27Hz –3dB

### Driver complement

ScanSpeak (R-29) 1-inch (25mm) tweeter, ring radiator delivers flat frequency response to 64kHz.

ScanSpeak 7-inch (18cm) mid-bass driver, aluminum cone w/ butyl surround. Proprietary suspension and extended voice coil assure high power handling and extremely linear performance. Unit employs cast magnesium-aluminum frame.

Custom-designed ScanSpeak 8-inch (21cm) woofer (x3) has extremely low free air resonance, thick aluminum cone and butyl surround. The long excursion design (1-inch peak to peak) is optimized for vented cabinet performance.

Available in Silver, Black anodize or custom paint finishes

## SPECIFICATIONS

- **Three (3) adjustable spiked feet included for both the Primo and Modulari woofer**
- **Custom gold-plated brass binding post terminals – 2-pair (bi-wiring) assures optimum signal transfer.**
- **Acoustically transparent rubber string speaker grille**
- **Primo 10.00 W, 14.50 H, 11.50 D in.**
- **Woofer 11.50 W, 22.00 H, 29.00 D in.**
- **Primo Weight: 85 lbs**
- **Modulari Woofer – 260 lbs**



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