

## R45



## Floorstanding Loudspeakers

The ARCAM R45 is the ultimate expression of our loudspeaker design philosophy—a floorstanding masterpiece for those who demand nothing less than perfection. As the largest and most advanced model in the Radia Series, it blends cutting-edge engineering with elegant craftsmanship to deliver an experience that is both breathtaking and immersive.

At its heart are three 165mm (6.5-inch) MCC woofers and a 165mm DCC midrange driver, working together to produce deep, controlled bass and a richly detailed midrange. Inverted surrounds and hidden mountings create a clean, refined front panel that enhances its premium aesthetic.

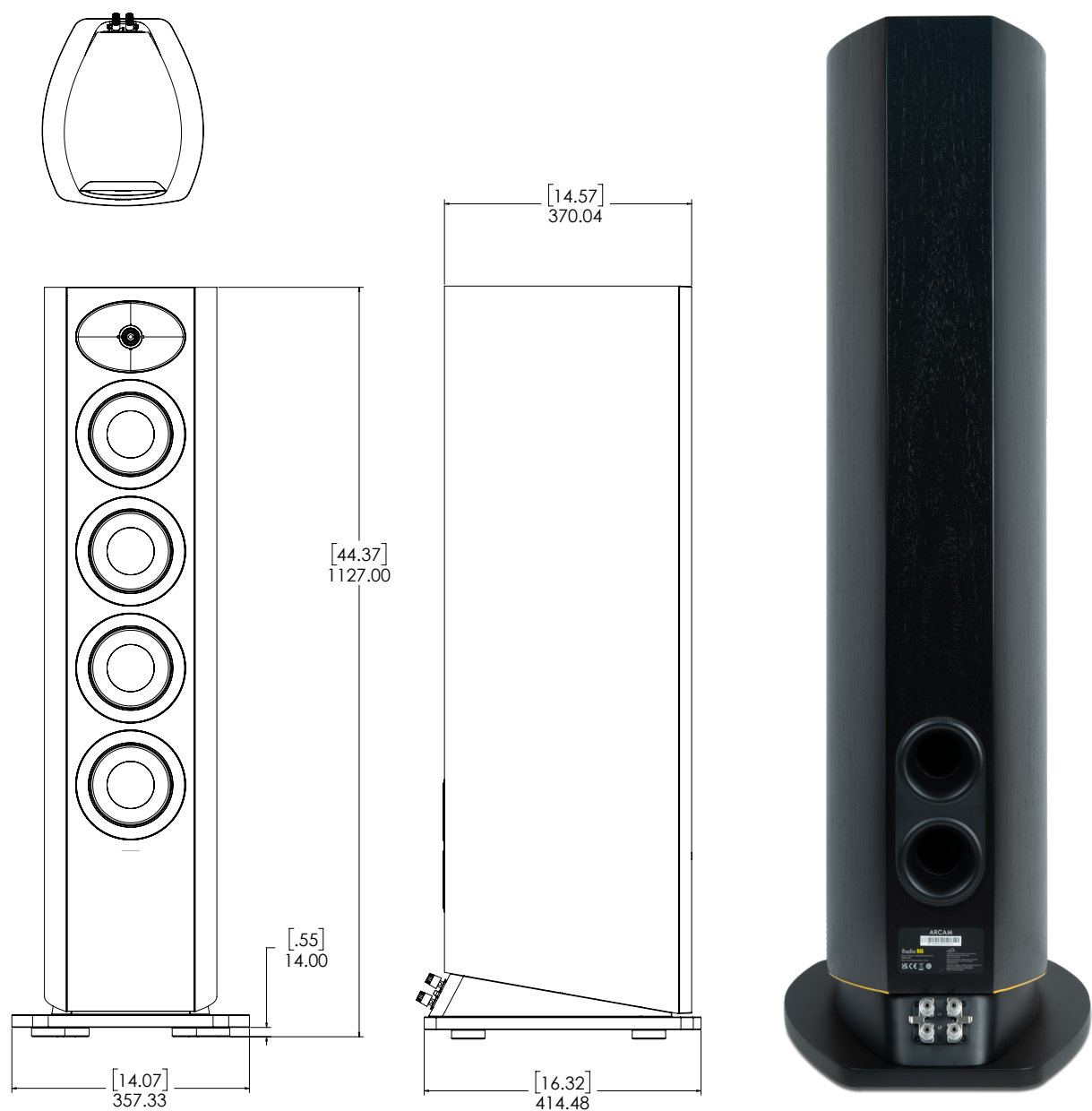
The 25mm (1-inch) DCC dome tweeter, paired with our advanced Acoustic Lens waveguide, offers exceptional clarity and effortless integration with the midrange driver. This ensures smooth, natural sound and a wide, immersive soundstage—even when listening off-axis.

Finished in luxurious Black Walnut veneer, the R45's cabinet features rigid cross-bracing, solid aluminium feet with optional spikes, and a magnetically attached grille for a flawless look. Inside, a precision-engineered 3-way crossover network with premium components preserves every nuance of your music. Combined with over 20 years of waveguide development, all five drivers work in perfect harmony to create sound that is powerful, detailed and effortlessly natural.

The ARCAM R45 is a flagship design that puts you at the heart of your music and movies, delivering an experience so real, it feels alive.

### Features

- Perfect match for the ARCAM SA45
- Precision 3-Way Crossover
- 1-inch (25mm) DCC Dome Tweeter with Acoustic Lens and Waveguide
- Midrange Driver: 1 x 6.5 in (165 mm) Deep Ceramic Composite (DCC) Cone Driver
- Low Frequency Drivers: 3 x 6.5 in (165 mm) Micro Ceramic Composite (MCC) Cone Woofers
- Inverted surrounds and trim ring cover
- Newly patented cast frames
- Magnetically attached grille
- Enclosure Tuning: Bass-Reflex via Dual Rear-Mounted Ports
- Fine-tuned via anechoic EQ when using ARCAM SA35, SA45, and AV products



| Dimension Specifications      |                                                               |
|-------------------------------|---------------------------------------------------------------|
| Dimensions                    | 44.4 in x 14.1 in x 16.3 in (1127 mm x 357.33 mm x 414.48 mm) |
| Product Weight                | 87.5 lbs. (39.7 kg)                                           |
| Shipping Weight               | 114.6 lbs. (52 kg)                                            |
| Shipping Units of Measure     | Each                                                          |
| Electrical and Acoustic Specs |                                                               |
| Nominal Impedance             | 6 Ohms                                                        |
| Sensitivity @ 1m, 2.83V       | 88 dB                                                         |
| Recommended Amplifier Power   | 20-250W                                                       |
| Frequency Response +/-6 dB    | 30 Hz - 40 kHz                                                |
| Crossover Frequency           | 275 Hz / 1.7 kHz                                              |