

R2-S65

R-Series 2022 – Coaxial 2-Way Speaker



General



Powerful Bass with High Clarity

Meet the 3rd generation of R-Series speakers: engineered to deliver high bass power while maintaining extreme sound clarity. The R-Series speakers include both component and coaxial models. You can even choose from a Professional (PRO series) and Standard speaker line to fit your desired sound quality and budget.



Glass-Fiber Reinforced Cone

The door woofer speaker feature all-new glass-fiber reinforced cones. This material is very durable and extremely light-weight, resulting in a super-fast response and highly accurate music reproduction.



H.A.M.R. Surround

Alpine's H.A.M.R. Surround (High-Amplitude-Multi-Roll) allows for a maximum cone excursion, while maintaining excellent control. This results in strong bass at high volumes without distortion.



Composite Basket and Large Magnets

The standard models (R2-S65C, R2-S65, R2-S69C and R2-S69) feature composite baskets (in comparison to the aluminum die-cast baskets of the PRO models). This makes these speakers more affordable while still providing excellent stability.



Swivel Tweeter

The component and coaxial models include a mounting frame that features the well-known swivel mechanism to reduce phase problems at non-optimal mounting positions.

Specifications

General

- 16,5 cm (6,5") coaxial 2-way speakers
- 16,5 cm (6,5") Glass Fiber Reinforced woofer
- 2,5 cm (1") Magnesium Hard-Dome tweeter
- High-quality black speaker grills in hexagon design, which do not increase the overall speaker installation diameter
- Ferrite magnet and 35 mm voice coil for higher bass performance as well as less distortion
- Improved bass performance due to H.A.M.R. Surround
- Composite basket for high stability
- Integrated X-Over networks

Tweeter

- Tweeter design: 2,5 cm (1") Magnesium Hard-Dome tweeter
- Hi-Res Audio Certified with up to 40 kHz frequency response
- Large aluminium voice coil and neodymium magnet
- Swivel Application

Woofer

- Glass Fiber Reinforced cone
- Linear Drive technology
- H.A.M.R. Surround
- Large aluminium voice coil
- Aluminium square wire for transferring high amplifier power
- Ferrite magnet
- Hexagon cover grille with maximum basket size
- Mounting adapter kit included

Technical Data

- Peak power: 300 Watt
- RMS power: 100 Watt
- Woofer mounting diameter: 135,2 mm
- Woofer mounting depth: 62,6 mm
- Woofer total height (without grille): 80,6 mm
- Frequency response: 65 Hz - 40 kHz
- Impedance: 4 Ohm
- Sensitivity: 88 dB/W (1m)

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R SERIES

Dimensions

