

KSCARDIO412P

4X 12" PASSIVE HIGH-PERFORMANCE CARDIOID SUBWOOFER, BLACK

The Thunder-KSCARDIO412P is a high-performance passive cardioid subwoofer designed to deliver powerful and controlled low-frequency reinforcement while significantly reducing rear sound radiation. Suitable for both professional live sound and fixed installations, it ensures focused bass coverage with minimal energy behind the system.

Its cardioid configuration enables effective rear attenuation, improving directivity and reducing unwanted stage spill. The system supports both mono-amp and bi-amp configurations, offering flexibility depending on the application.

KSCARDIO412P

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IP54

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HIGHLIGHTS

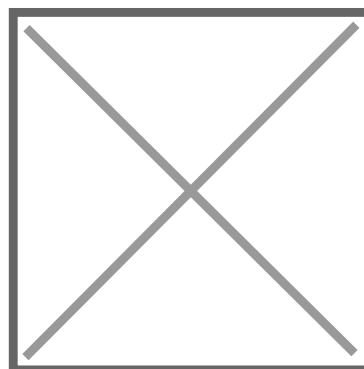


RAFTED FOR HEAVY TOURING

The Thunder Series subs are built with a choice of Finnish birch plywood so it lightweight and incredibly resistant, making it the perfect speaker for audio rentals. The new polyurea paint and the cataphoresis treatment for the front grill, further treated with powder coating, also give greater resistance to the harsh weather environments often experienced on the road.

ULTIMATE SOUND CONTROL

Low frequencies have always been one of the most challenging aspects of system design. Their natural omnidirectional behavior makes control difficult, often resulting in unwanted energy on stage and a less defined sound. The combination of integrated cardioid technology and advanced simulation environments allows low-frequency behavior to be predicted and shaped with precision. This approach enables controlled directivity, reduced rear radiation, and a cleaner, more consistent acoustic experience across any application.



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**CUSTOM FINISHES AVAILABLE UPON
REQUEST**

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PRODUCT DETAILS

KEY FEATURES

- Advanced sound emission control
- Structure made from birch plywood with a slim profile, designed to combine high mechanical strength with efficient use of space
- Mono or Bi-Amp configuration
- Suitable for different applications
- IP54 rating

SPECIFICATIONS

Type	Passive subwoofer
Transducers	4 x 12" neodymium magnet woofers (3x front, 1x rear)
Frequency Response	35 Hz - 150 Hz (-6 dB, with dedicated preset and filtering)
Max SPL	138 dB (peak)
Rated Power	2500W Mono-amp 2100W + 700W Bi-amp
Coverage	Cardioid
Connectors	2x SpeakOn NL4 1+ 1- / 2+ 2- (signal); 1+ 1- / 2+ 2- (link)
Nominal Impedance	4 ? Mono-amp (CH1) 4? + 16? Bi-amp (CH1=front, CH2=rear)
Dimensions	1104 x 370 x 785 mm (43,5 x 14,6 x 30,9 in)
Weight	62,4 kg (137.58 lb)
Material	Polyurea coated birch plywood
Finishes	Black

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IP Rating

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