



RX112

High-power road speaker 12"

Highlights:

- High quality 18 mm plywood
- 90° x 75° Rotatable horn
- 1.3" Compression horn tweeter
- 12" high-performance woofer
- Self-resetting tweeter overload protection
- ErgoGrip™ carry handle

The RX112 is the 12" version of the RX family with a power of 300 Watt RMS. Along the 12" high power low frequency loudspeaker, it also contains a 1.3" HF compression driver, a passive crossover network and a tweeter overload protection circuit. There is an ergo grip on top of the speaker for easy handling and the mounting can be done with the built-in 35mm speaker pole adapter and 12 rigging points. The RX series are full range speaker cabinets with a solid plywood enclosure and a durable scratch free EPDM coating. This makes them excellent for in- and outdoor road applications. By their multi-angled shape, they can be used arrayed, on a speaker stand, standing upright and as floor monitor. The sound produced by these speakers is clear and natural and will be appreciated in all situations. The newly introduced MK2 version of the RX speaker range has an improved tweeter and is fitted with a completely re-designed filter and protection network. This provides a warmer and more detailed sound and a bulletproof protection against tweeter overload. AUDAC recommends using the CAYMON Fly 100 eye bolt for mounting these speakers.

Applications:

- Clubs
- Events
- Live performances



Properties:



Rotatable

Impedance:



8 Ohm

System specifications:

Speaker type		2-way
Max. Power		600 W
RMS Power		300 W
Impedance		8 Ω
Sensitivity (1W/1m)		99 dB
Sound Pressure (Max. W/1m)		124 dB
Frequency	Response (\pm 3 dB)	75 Hz - 18 kHz
	Range (-10 dB)	60 Hz - 20 kHz
Crossover	Frequency	2 kHz
	Type	Passive built-in
Dispersion	Horizontal	90°
	Vertical	75°
Connectors		2 x Speakon compatible (Linkthrough)
Drivers	HF	1.3" Compression driver
	MF	12"

Product Features:

Dimensions		395 x 620 x 345 mm (W x H x D)
Weight		22 kg
Construction		Plywood with textured EPDM coating
Front finish		Powder coated steel grill with lining
Mounting & handling	Rigging points	12 x M10
	Stand fitting	35 mm pole adapter on bottom
	Carry handles	On top
Accessories	Optional	CPB112R Protective cover bag

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	24.000 kg - 0.15 Cbm

Architects' and Engineers' Specifications:

The loudspeaker cabinet must be a 12" 2-way system. The cabinet must be constructed of solid plywood with a durable scratch proof EPDM coating. The front side must be finished with a powder coated steel grill which is lined with an acoustical transparent backing. The cabinet shall be wedge shaped making it suitable for standard and floor monitoring use and shall have a recessed carry handle on the top side of the cabinet for easy handling. A standard 35 mm pole adapter and 12 x M10 rigging points shall also be provided for positioning and hanging of the speaker. The loudspeaker cabinet must have an RMS power handling of 300 Watt with a maximum power handling of 600 Watt. The frequency response (-10 dB) must range from 60 Hz to 20 kHz. The sensitivity must be 99 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level must reach 124 dB. The loudspeaker must consist of a 1.3" HF compression driver and a 12" medium frequency range loudspeaker. It must have an impedance of 8 Ohm and contain a passive built-in crossover network with a crossover frequency of 2.0 kHz. The complete model is constructed of high-quality components. It must also have an integrated tweeter overload protection circuit. The horn mounted on the HF driver must have a horizontal dispersion of 90° and a vertical dispersion of 75° and must be rotatable, allowing both horizontal and vertical use. Connections with the speaker must be made using 2 x speakon compatible connectors, allowing easy connection and link-through. The loudspeaker cabinet must not exceed a width of 395 mm, a height of 620 mm and a depth of 345 mm. Its weight must not exceed 22 kg.