



SP-308CX

Order No.: 0102110

PRODUCTINFOS

2-way coaxial PA speaker,

with integrated horn tweeter.

- 20 cm (8") PA bass speaker of high power capability and high efficiency
- Coaxially arranged horn tweeter with 25 mm (1", voice coil = 44 mm) high-frequency driver
- Excellent sound characteristics
- Robust diecast basket with rear-ventilated centering spider
- 50 mm (2") heat-resistant voice coil on a polyamide voice coil former (TIL)
- Excellent and consistent radiation pattern
- Ideally suited for stage monitors or very compact full range speaker systems
- Operation only allowed with crossover network (recommended crossover frequency: >1,800 Hz)

Klang+Ton 08,09/2016

"Can hardly imagine a higher stability. Coaxial speaker ideally suited for hi-fi and monitoring which is available at a more than fair price."

Manufacturer information:

MONACOR INTERNATIONAL GmbH & Co. KG
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28217 Bremen
Germany
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TECHNICAL SPECIFICATIONS

SP-308CX

Impedance (Z)	8 Ω (bass), 8 Ω (tweeter)
Transmission technology	cable
Frequency range	f3-3,000 Hz (bass) 1,000-22,000 Hz (tweeter)
Resonant frequency (fs)	80 Hz (bass), 700 Hz (tweeter)
Power rating (RMS)	150 W (bass) / 50 W (tweeter)
Peak music power output (MAX)	300 W (bass) / 100 W (tweeter)
SPL	95 dB (bass) / 105 dB (tweeter)
Suspension compl. (Cms)	0.22 mm/N
Moving mass (Mms)	17 g
Mech. Q factor (Qms)	2.21
Electr. Q factor (Qes)	0.43
Total Q factor (Qts)	0.36
Equivalent volume (Vas)	15.4 l
DC resistance (Re)	5.8 Ω
Force factor (BxL)	12.10 Tm
Voice coil induct. (Le)	0.58 mH
Voice coil diameter	$\varnothing$ 50 mm (bass) / $\varnothing$ 44 mm (tweeter)
Voice coil former	polyimide
Linear excursion (X_{MAX})	$\pm$ 2.5 mm
Eff. cone area (Sd)	221 cm ²
Magnet weight	1.4 kg
Magnet diameter	$\varnothing$ 126 mm/ $\varnothing$ 110 mm
Mounting cutout	$\varnothing$ 184 mm
Mounting depth	159 mm
Dimensions	208 x 208 x 169.3 mm
Width	208 mm
Height	208 mm
Depth	169.3 mm

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Colour	black
Admiss. ambient temp.	0-40 °C
Weight	4.8 kg
Packing unit	1
Type of speaker	8"
Packaging dimensions (W x H x L)	0.29 x 0.24 x 0.29 m
Gross weight	5.59 kg
Net weight	4.8 kg

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