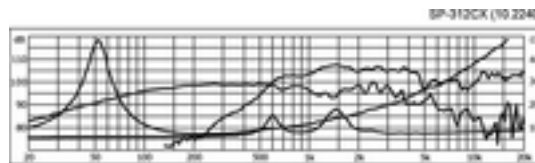
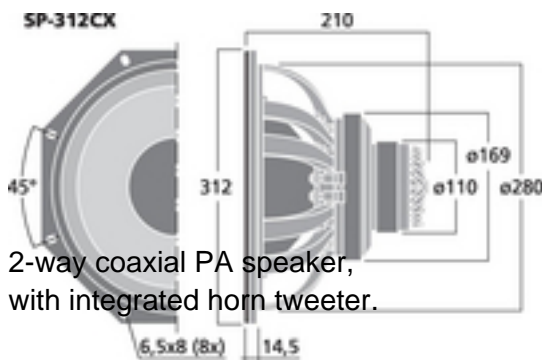


SP-312CX - PA Coax Speaker



2-way coaxial PA speaker,
with integrated horn tweeter.

- 30 cm (12") 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
- 75 mm (3") 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

"Even at high volume levels which are anything but neighbour-friendly, you can still lean back and enjoy the sound - that's exactly how PA speakers should be. The Stage 12 is a well-balanced speaker system of high efficiency ..."



Klang+Ton 01/2015

“Excellent coaxial speaker.”

Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-3,000 Hz
Resonant frequency (fs)	: 55 Hz (bass), 700 Hz (tweeter)
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 250 W (bass) / 50 W (tweeter)
Peak music power output (MAX)	: 500 W (bass) / 100 W (tweeter)
SPL	: 97 dB (bass) / 106 dB (tweeter)
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.16 mm/N
Moving mass (Mms)	: 56 g
Mech. Q factor (Qms)	: 3.74
Electr. Q factor (Qes)	: 0.36
Total Q factor (Qts)	: 0.33
Equivalent volume (Vas)	: 64 l
DC resistance (Re)	: 5.6 Ohm
Force factor (BxL)	: 16.90 Tm
Voice coil induct. (Le)	: 1.1 mH
Voice coil diameter	: 75 mm (bass) / 44 mm (tweeter)
Voice coil former	: polyamide (TIL)
Linear excursion (X _{MAX})	: ± 3.0 mm
Eff. cone area (Sd)	: 540 cm ²
Magnet weight	: 1.8 kg
Magnet diameter	: 169 mm / 110 mm
Mounting cutout	: 280 mm
Mounting depth	: 195.5 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: 312 x 312 x 210 mm
Outside diameter	: -

Width	: 312 mm
Height	: 312 mm
Depth	: 210 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 8.06 kg
Packing unit	: 1
Type of speaker	: 12"
Packing dimensions (W x H x L)	: 0.395 x 0.27 x 0.395 m
Gross weight	: 9.31 kg
Net weight	: 8.06 kg
Low-impedance	: 1