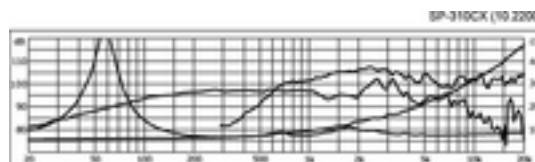
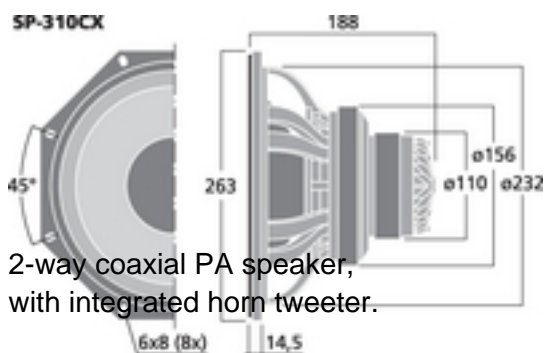


## SP-310CX - PA Coax Speaker



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

- 25 cm (10") 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
- 64 mm (2½") 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 02/2016

"The speaker system Studio 10 features a very neutral sound with great power reserves. Suitable as a studio monitor as well as for hi-fi applications of high requirements. The Studio 10 provides a well-balanced and neutral sound which achieves top results." (SP-310CX in a project from K+T)

Klang+Ton 02/2016

The SP-310CX applied in the Studio 10, a project from K+T:

“The speaker system Studio 10 features a very neutral sound with great power reserves. Poor recordings are not enhanced, high-quality recordings show their full potential - a perfect tool!”

Klang+Ton 01/2016

“Despite its compact size, the thorough development resulted in a speaker system with a high power capability which can surely meet audiophile requirements. It is an ideal coaxial speaker for hi-fi and monitoring.”

## Technical data:

Impedance (Z)	: 2 x 8 Ohm
Transmission technology	: -
Frequency range	: f3-3,000 Hz (bass) 1,000-22,000 Hz (tweeter)
Resonant frequency (fs)	: 60 Hz (bass), 700 Hz (tweeter)
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 200 W (bass) / 50 W (tweeter)
Peak music power output (MAX)	: 400 W (bass) / 100 W (tweeter)
SPL	: 96 dB (bass) / 105 dB (tweeter)
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.24 mm/N
Moving mass (Mms)	: 32 g
Mech. Q factor (Qms)	: 3.24
Electr. Q factor (Qes)	: 0.36
Total Q factor (Qts)	: 0.32
Equivalent volume (Vas)	: 41 l
DC resistance (Re)	: 5.6 Ohm
Force factor (BxL)	: 13.30 Tm
Voice coil induct. (Le)	: 0.65 mH
Voice coil diameter	: 64 mm (bass) / 44 mm (tweeter)
Voice coil former	: polyamide (TIL)
Linear excursion (X <sub>MAX</sub> )	: ± 2.5 mm
Eff. cone area (Sd)	: 346 cm <sup>2</sup>
Magnet weight	: 1.6 kg
Magnet diameter	: 156 mm / 110 mm
Mounting cutout	: 232 mm
Mounting depth	: 173.5 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: 263 x 263 x 188 mm
Outside diameter	: -

Width	: 263 mm
Height	: 263 mm
Depth	: 188 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 6.24 kg
Packing unit	: 1
Type of speaker	: 10"
Packing dimensions (W x H x L)	: 0.34 x 0.25 x 0.35 m
Gross weight	: 7.15 kg
Net weight	: 6.24 kg
Low-impedance	: 1