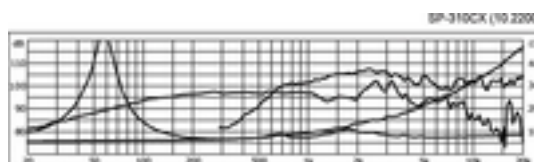
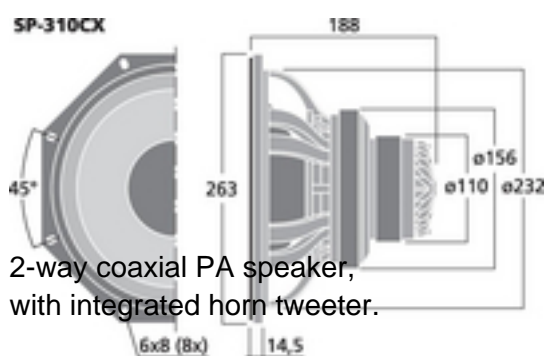


SP-310CX - PA Coax Speaker



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.”

Tekniske data

| | |
|---|--|
| Impedance (Z) | : 2 x 8 Ohm |
| Transmission method | : - |
| 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) |
| Sensitivity | : 96 dB (bass) / 105 dB (tweeter) |
| Max. rated SPL | : - |
| Max. voltage | : - |
| 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 _{MAX}) | : ± 2.5 mm |
| Eff. cone area (Sd) | : 346 cm ² |
| 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 |
| Protective class | : - |
| Admiss. ambient temp. | : 0-40 °C |
| Weight | : 6.24 kg |
| Packing unit | : 1 |
| Type of speaker | : 10" |