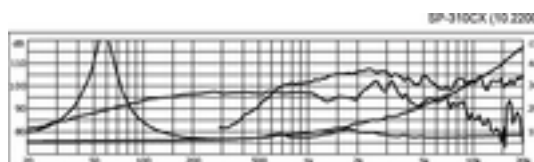
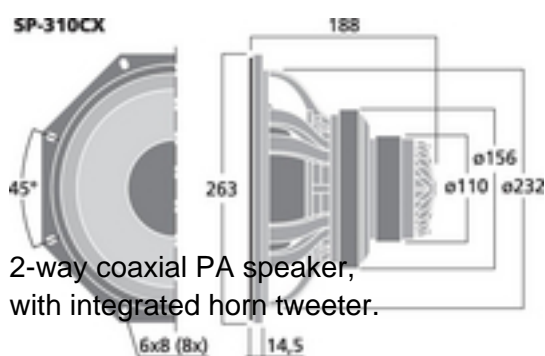


# SP-310CX - PA Coax Speaker



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.”

## Tekniset tiedot:

|   |  |
|---|--|
| 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 <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  |
| Protective class      | : -       |
| Admiss. ambient temp. | : 0-40 °C |
| Weight                | : 6.24 kg |
| Packing unit          | : 1       |
| Type of speaker       | : 10"     |