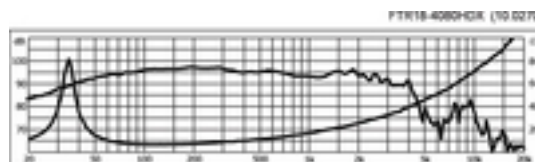
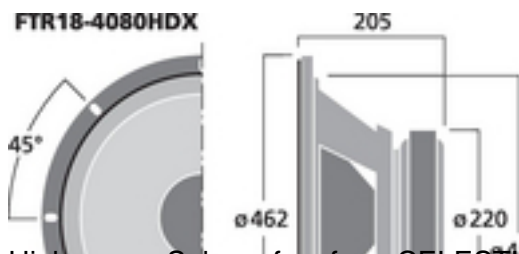


FTR18-4080HDX - PA Woofer



CELESTION



High-power Subwoofers from CELESTION

The HDX series impresses by an excellent power capability of 2,000 WMAX. Even at maximum load, they ensure operating reliability. These speakers provide a sophisticated ventilation of the drive system. High mechanical reserves are possible due to a very high excursion of the extra rigid cone, double centering spiders, special multi-roll-surrounds and heat-resistant voice coils.

High-power professional PA subwoofer, 1,000 W, 8 Ohm

- Top-class subwoofer, 46 cm (18"), with a very high power capability and ferrite magnet
- Deformation-resistant, glass fibre reinforced paper cone
- 100 mm (4") heat-resistant voice coil, wound on the inside and outside
- Especially developed thermal management of the drive system for preventing thermal compression and overheating
- Recommended operating range: up to 300 Hz
- Waterproof impregnated cone (no coating), thus no series spreading at the moving mass of the voice coil system
- Double centering spider
- Multi-roll surround for an excellent linearity

- Robust diecast aluminium basket

Tekniset tiedot:

| | |
|---|----------------------------------|
| Impedance (Z) | : 8 Ohm |
| Transmission method | : - |
| Frequency range | : f3-2,500 Hz |
| Resonant frequency (fs) | : 35 Hz |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : - |
| Power rating (RMS) | : 1,000 W |
| Peak music power output (MAX) | : 2,000 W |
| Sensitivity | : 95 dB/W/m |
| Max. rated SPL | : - |
| Max. voltage | : - |
| Radiation angle, horizontal | : - |
| Radiation angle, vertical | : - |
| Suspension compl. (Cms) | : 0.10 mm/N |
| Moving mass (Mms) | : 199 g |
| Mech. Q factor (Qms) | : 5.74 |
| Electr. Q factor (Qes) | : 0.46 |
| Total Q factor (Qts) | : 0.42 |
| Equivalent volume (Vas) | : 185 l |
| DC resistance (Re) | : 5.1 Ohm |
| Force factor (BxL) | : 22.70 Tm |
| Voice coil induct. (Le) | : 1.81 mH |
| Voice coil diameter | : $\tilde{\sim}$ 100 mm |
| Voice coil former | : glass fibre |
| Linear excursion (X _{MAX}) | : \pm 8 mm |
| Eff. cone area (Sd) | : 1,164 cm ² |
| Magnet weight | : 3.1 kg |
| Magnet diameter | : $\tilde{\sim}$ 220 mm |
| Mounting cutout | : $\tilde{\sim}$ 416 mm |
| Mounting depth | : 193 mm |
| Mounting hole diameter | : $\tilde{\sim}$ 429-440 mm |
| Hole spacing X-axis | : - |
| Hole spacing Y-axis | : - |
| Dimensions | : $\tilde{\sim}$ 462 mm x 205 mm |
| Outside diameter | : $\tilde{\sim}$ 462 mm |
| Width | : $\tilde{\sim}$ 462 mm |

| | |
|-----------------------|------------|
| Height | : - |
| Depth | : 205 mm |
| Protective class | : - |
| Admiss. ambient temp. | : 0-40 °C |
| Weight | : 10.58 kg |
| Packing unit | : 1 |
| Type of speaker | : 18" |