



## FTR15-4080HDX

Order No.: 10.0160

**Price upon request**

### PRODUCTINFOS

#### High-power Subwoofers from CELESTION

The HDX series impresses by an excellent power capability of 2,000 W<sub>MAX</sub>. 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 Ω

- Top-class subwoofer, 38 cm (15"), 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 350 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
- With less than 10 kg, a lightweight for this size of speaker

## TECHNICAL SPECIFICATIONS

### FTR15-4080HDX

Impedance (Z)	8 $\Omega$
Frequency range	f3-2,500 Hz
Resonant frequency (fs)	40 Hz
Power rating	1,000 W
Peak music power output	2,000 W
Sensitivity	96 dB/W/m
Suspension compl. (Cms)	0.10 mm/N
Moving mass (Mms)	153 g
Mech. Q factor (Qms)	3.98
Electr. Q factor (Qes)	0.36
Total Q factor (Qts)	0.33
Equivalent volume (Vas)	105 l
DC resistance (Re)	5.1 $\Omega$
Force factor (BxL)	23.53 Tm
Voice coil induct. (Le)	1.8 mH
Voice coil diameter	$\varnothing$ 100 mm
Voice coil former	glass fibre
Linear excursion ( $X_{MAX}$ )	$\pm$ 8 mm
Eff. cone area (Sd)	855 cm <sup>2</sup>
Magnet weight	3.1 kg
Magnet diameter	$\varnothing$ 220 mm
Mounting cutout	$\varnothing$ 351 mm
Mounting depth	168 mm
Mounting hole diameter	$\varnothing$ 365-375 mm
Dimensions	$\varnothing$ 385 mm x 180 mm
Outside diameter	$\varnothing$ 385 mm
Width	$\varnothing$ 385 mm
Depth	180 mm
Admiss. ambient temp.	0-40 °C
Weight	10.26 kg

**FTR15-4080HDX**

Sales unit	1
Type of speaker	15"