

FTR15-4080FD

15-inch, cast aluminium chassis, ferrite magnet LF driver



- **Glass loaded paper cone with weather-resistant impregnation**
- **Optimised double suspension**
- **Airflow vented magnet assembly for dynamic heat dispersion**

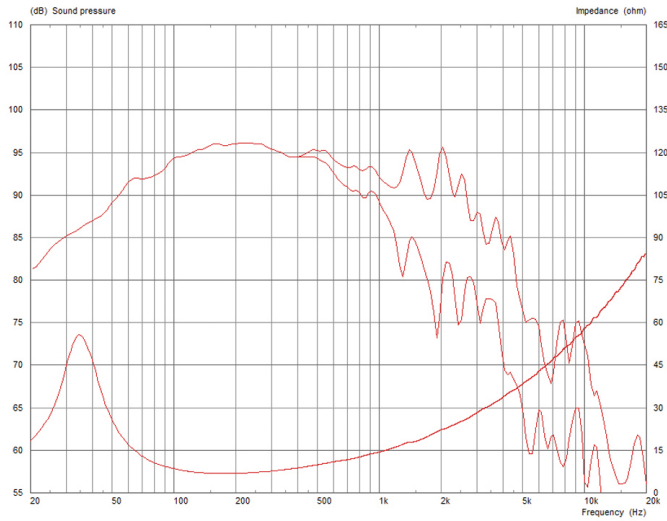
General Specifications

| | |
|-------------------------|---|
| Nominal Diameter | 381mm / 15in |
| Power Rating | 1000W |
| Continuous power rating | 2000W |
| Rated impedance | 8 Ω |
| Sensitivity | 97dB |
| Frequency range | 35-2500Hz |
| Chassis type | Cast aluminium |
| Magnet type | Ferrite |
| Magnet weight | 3.1kg / 110oz |
| Voice coil diameter | 100mm / 4in |
| Voice coil material | Round copper |
| Former material | Glass fibre |
| Cone material | Glass loaded paper (weather-resistant) |
| Surround material | Cloth-sealed |
| Suspension | Double |
| Gap height (Hg) | 10mm / 0.39in |
| VC winding height (Hvc) | 22mm / 0.87in |

Mounting Information

| | |
|--------------------------|---------------------------|
| Overall diameter | 385mm / 15.16in |
| Overall depth | 170mm / 6.7in |
| Cut-out diameter | 351mm / 13.82in |
| Mounting hole dimensions | 10x7mm / 0.39x0.27in |
| Number of mounting holes | 8 |
| Mounting hole PCD | 365-375mm / 14.37-14.76in |
| Unit weight | 9.5kg / 20.9lb |

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

Power rating: Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.

Continuous power rating: Defined as 3dB greater than the AES rating.

Sensitivity: Measured on axis at 1W, 1m in 2 anechoic environment.

Parameters: Measured after unit subjected to pre-conditioning signal.

$X_{max} = 0.5 \cdot (H_{vc} - H_g) + 0.25 \cdot H_g$

Parameters

| | |
|--------------|---|
| Sd | 855.30cm ² / 132.57in ² |
| Fs | 35.40Hz |
| Mms | 127.19g / 4.49oz |
| Qms | 3.913 |
| Qes | 0.298 |
| Qts | 0.277 |
| Re | 5.60 Ω |
| Vas | 164.30l / 5.80ft ³ |
| Bi | 23.05Tm |
| Cms | 0.16mm/N |
| Rms | 7.24kg/s |
| Le (at 1kHz) | 1.38mH |
| Xmax | 8.5mm / 0.34in |

Packed Dimensions & Weight

| | |
|----------------------------|--|
| Single pack size W x D x H | 435mm x 435mm x 200mm / 17.1in x 17.1in x 7.9in |
| Single pack weight | 10.8kg / 23.8lb |
| Multi pack qty | 36 |
| Multi pack size W x D x H | 1210mm x 1050mm x 980mm / 47.6in x 41.3in x 35.4in |
| Multi pack weight | 375kg / 825lb |

CELESTION