

CELESTION

Legacy Pro Audio

FTR18-4080FDX



Mounting Information

| | |
|--------------------------|------------------------------|
| Overall diameter | 462mm / 18.19in |
| Overall depth | 205mm / 8.07in |
| Cut-out diameter | 416mm / 16.38in |
| Mounting hole dimensions | 10mm x 7mm / 0.39in x 0.27in |
| Number of mounting holes | 8 |
| Mounting hole PCD | 429-440mm / 16.89-17.32in |
| Unit weight | 9.8kg / 21.6lb |

Packed Dimensions & Weight

| | |
|----------------------------|--|
| Single pack size W x D x H | 500mm x 500mm x 2240mm / 19.7in x 19.7in x 9.4in |
| Single pack weight | 11.6kg / 25.6lb |
| Multi pack size W x D x H | 500mm x 500mm x 2240mm / 19.7in x 19.7in x 9.4in |
| Multi pack weight | 11.6kg / 25.6lb |

Frequency Response and Impedance Curves

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

- Legacy part: out of production
- Ferrite 18 inch woofer provides 800Wrms power handling (AES standard) and 96dB sensitivity
- 4" high temperature Inside/Outside voice coil efficiently dissipates heat preventing sensitivity loss through thermal compression
- FEA optimised magnet assembly provides low harmonic distortion and very high motor strength
- Ribbed straight-sided glass-loaded cone with Flexirol(TM) surround for greater excursion control
- Double suspension for exceptional linearity at the highest excursions
- Smart chassis design minimises acoustic distortion

1600W

Continuous power rating

96dB

sensitivity

4in

Round copper voice coil

General Specifications

| | |
|-------------------------|--|
| Nominal Diameter | 457mm / 18in |
| Power Rating | 800W |
| Continuous power rating | 1600W |
| Rated impedance | 8 ohm |
| Sensitivity | 96dB |
| Frequency range | 30-1000Hz |
| 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 |

Parameters

| | |
|--------------|--|
| Sd | 1134.12cm ² / 175.79in ² |
| Fs | 37.3Hz |
| Mms | 206.36g / 7.28oz |
| Qms | 10.25 |
| Qes | 0.43 |
| Qts | 0.413 |
| Re | 5.62 ohm |
| Vas | 160.74l / /5.67ft ³ |
| Bl | 25.116Tm |
| Cms | 0.088mm/N |
| Rms | 4.716kg/s |
| Le (at 1kHz) | 1.52mH |
| Xmax | 6mm / 0.24in |



