faital PRO PROFESSIONAL LOUDSPEAKERS

# 18XL1500

18" - 1500 W - 98 dB - 8 Ohm



## NOMINAL SPECIFICATIONS

| | |
|---|---|
| Nominal Diameter | 460 mm (18 in) |
| Overall Diameter | 460 mm (18.11 in) |
| Bolt Circle Diameter | 440 mm (17.32 in) |
| Baffle Cutout Diameter | 422 mm (16.61 in) |
| Depth | 231 mm (9.09 in) |
| Flange and Gasket Thickness | 14 mm (0.55 in) |
| **Net Weight** | **10.5 kg (23.1 lb)** |
| Shipping Box (Single Carton Box) | 536 x 536 x 310 mm (21.1 x 21.1 x 12.2 in) |
| Shipping Weight | 12 kg (26.4 lb) |

## TECHNICAL PARAMETERS

| | |
|---|---|
| Nominal Impedance | 8 Ohm |
| Minimum Impedance | 7.4 Ohm |
| AES Power Handling **(1)** | 1500 W |
| **Maximum Power Handling (2)** | **3000 W** |
| **Sensitivity (1W/1m)** | **98 dB** |
| Frequency Range | 30÷1500 Hz |
| **Voice Coil Diameter** | **100 mm (4 in)** |
| Winding Material | Cu |
| Former Material | Glass Fiber |
| Winding Depth | 31 mm (1.22 in) |
| **Magnetic Gap Depth** | **15.5 mm (0.61 in)** |
| Flux Density | 1.1 T |

## THIELE & SMALL PARAMETERS

| | |
|---|---|
| Fs | 31 Hz |
| Re | 5.4 Ohm |
| Qes | 0.33 |
| Qms | 7.40 |
| Qts | 0.31 |
| Vas | 205 dm^3 (7.24 ft^3) |
| Sd | 1174 cm^2 (182 in^2) |
| Xmax **(3)** | 12.90 mm |
| Xdamage **(4)** | 28 mm |
| Mms | 236 g |
| Bl | 28.1 N/A |
| Le | 1.45 mH |
| Mmd | 213 g |
| Cms | 0.1 mm/N |
| Rms | 6.5 kg/s |
| Eta Zero | 2 % |

## NOTES:

**PATENT PENDING**

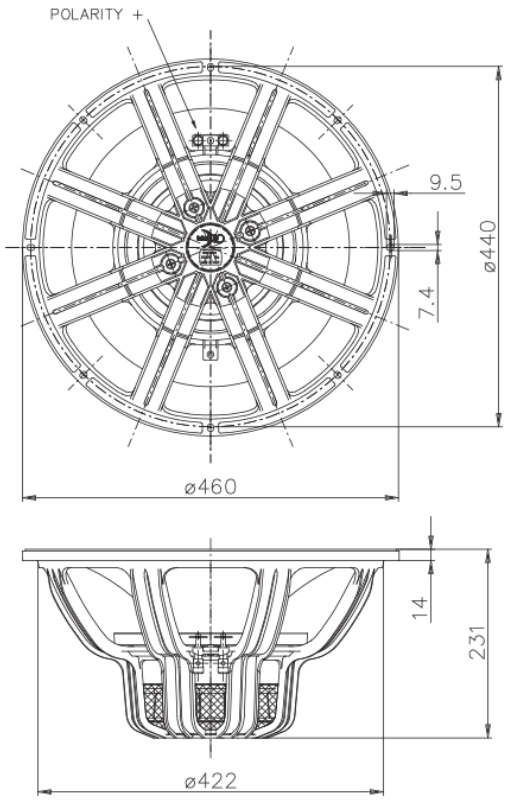
[AI] demodulation ring for reduced total harmonic distorsion

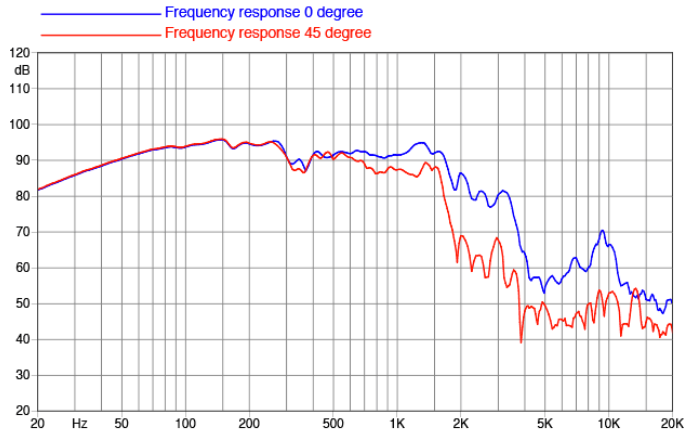
**(1)** 2 Hours Test According to AES 2-1984 Rev. 2003

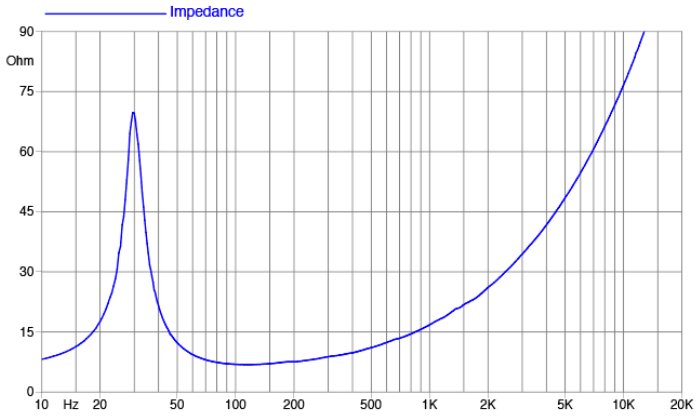
**(2)** Maximum power is defined as 3dB greater than nominal power.

**(3)** Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

**(4)** Maximum excursion before permanent damage





©Copyright 2026 **Faital S.p.A.** • All rights reserved.