



10NW750 16Ω

Altavoces LF - 10.0 Inches



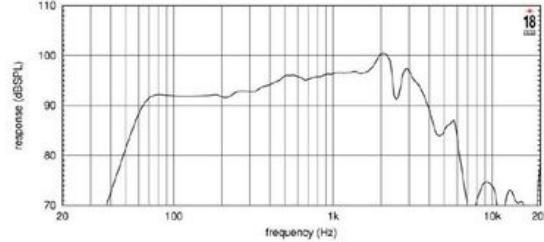
- 94 dB SPL 1W@1m average sensitivity
- 900 W program power handling
- 75 mm (3 in) Interleaved Sandwich Aluminum Voice Coil (ISV)
- External Neodymium magnet assembly
- Single Demodulating Ring (SDR) for lower distortion and maximum sound clarity
- Weather protected cone and coated plates
- Suitable for high performance line arrays and compact two-way systems

18 Sound's 10NW750 neodymium low frequency transducer is a state-of-the-art 10-inch woofer that combines excellent linearity with high power handling capabilities (900 W) and reduced power compression. The external neodymium magnet assembly assures high flux concentration and excellent heat exchange. The 75mm (3 in) inside outside aluminum voice coil employs Interleaved Sandwich Voice coil (ISV) technology.

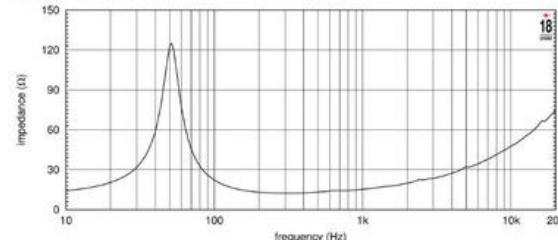
A sophisticated distortion reduction system has been implemented using a demodulating ring for flux modulation cancellation related to voice coil excursion, together with a copper ring for the reduction of intermodulation distortion.

The cone is treated against extremely aggressive environment conditions.

The compact size makes the 10NW750 an ideal choice for high performance line arrays and compact two-way systems.

**10NW750 16Ω****Altavoces LF - 10.0 Inches**FREQUENCY RESPONSE MADE IN 40 LT. ENCLOSURE TUNED AT 54 Hz IN FREE FIELD (4π) ENVIRONMENT. ENCLOSURE CLOSES THE REAR OF THE DRIVER.

FREE AIR IMPEDANCE CURVE



ESPECIFICACIÓN

Diámetro nominal	260 mm (in)
Impedancia nominal	16 Ω
Impedancia minima	11.5 Ω
Manejo de potencia nominal	450 W
Manejo de potencia continua	900 W
Sensibilidad	94.0 dB
Rango de frecuencia	50 - 5000 Hz
Diámetro de la bobina	75 mm (3.0 in)

PARÁMETROS

Frecuencia de resonancia	52 Hz
Re	11.0 Ω
Qes	0.4
Qms	4.36
Qts	0.36
Vas	38.0 dm ³ (1.34 ft ³)
Sd	346.0 cm ² (53.63 in ²)
Xmax	7.1 mm
Mms	42.0 g
Bl	20.0 Txm
Le	0.9 mH
EBP	130 Hz

DISEÑO

Recinto recomendado	25.0 dm ³ (0.88 ft ³)
Sintonía recomendada	60 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	260 mm (10.24 in)
Diámetro de circunferencia de los tornillos	244 mm (9.61 in)
Diámetro de la perforación en el baffle	232.0 mm (9.13 in)
Profundidad	130 mm (5.12 in)
Espesor del reborde y junta	11 mm (0.43 in)
Peso neto	3.8 kg (8.38 lb)
Peso del envío	4.3 kg (9.48 lb)
Caja de envío	275x275x164 mm (10.83x10.83x6.46 in)