PROFESSIONAL LOUDSPEAKERS

10RS430

10" - 400 W - 91 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	230 mm (9.06 in)
Depth	136 mm (5.35 in)
Flange and Gasket Thickness	17 mm (0.67 in)
Net Weight	**6.8 kg (15.0 lb)**
Shipping Box (Single Carton Box)	294 x 290 x 203 mm (11.5 x 11.4 x 8.0 in)
Shipping Weight	7.3 kg (16.1 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	02504390

TECHNICAL PARAMETERS

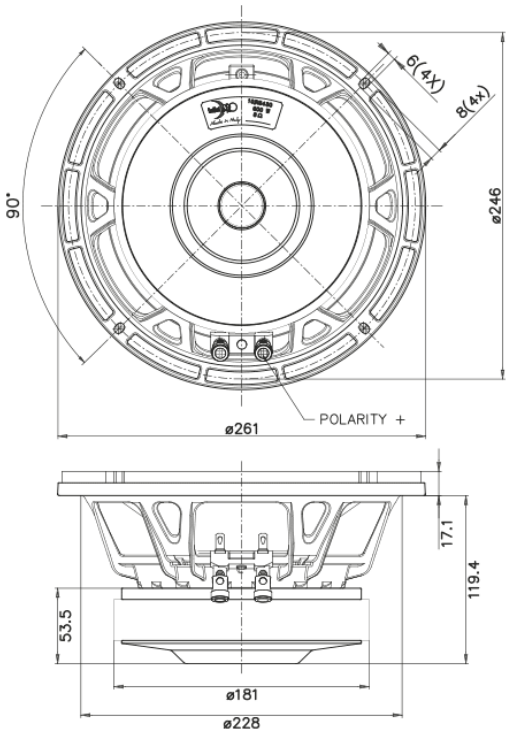
Nominal Impedance	8 Ohm
Minimum Impedance	8 Ohm
AES Power Handling **(1)**	400 W
Maximum Power Handling (2)	**800 W**
Sensitivity (1W/1m)	**91 dB**
Frequency Range	30÷2500 Hz
Voice Coil Diameter	**65 mm (2.56 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	29.8 mm (1.17 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1.50 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Half Roll
NET Air Volume filled by Loudspeaker	2 dm^3 (0.071 ft^3)
Spider Profile	1x constant height waves

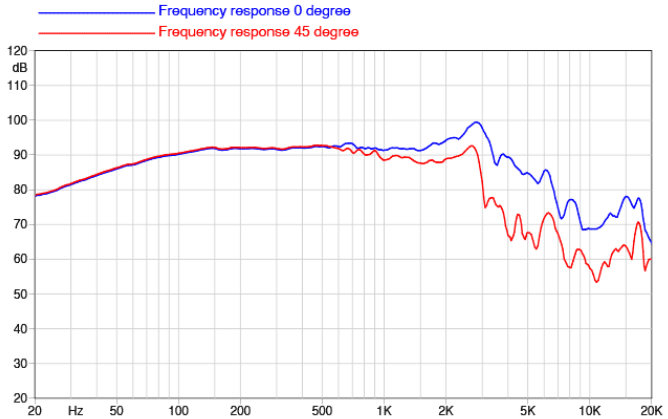
THIELE & SMALL PARAMETERS

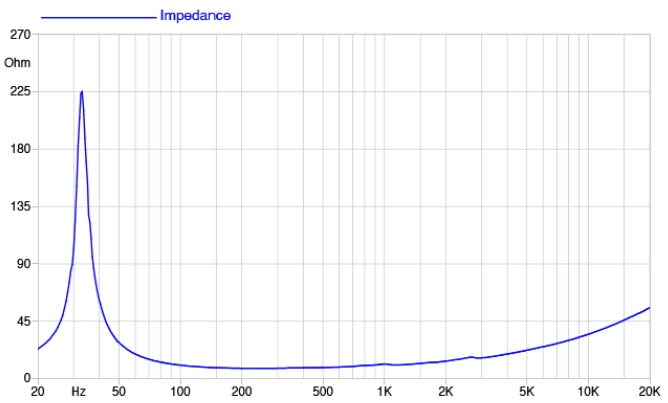
Fs	32 Hz
Re	6.8 Ohm
Qes	0.29
Qms	10.0
Qts	0.28
Vas	59.2 dm^3 (2.09 ft^3)
Sd	344 cm^2 (53.32 in^2)
Xmax **(4)**	13.57 mm
Xdamage **(5)**	21.5 mm
Mms	69.0 g
Bl	18 N/A
Le	0.78 mH
Mmd	61.8 g
Cms	0.36 mm/N
Rms	1.4 kg/s
Eta Zero	0.65 %
EBP	110 Hz

NOTES:

(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) EPDM (Rubber)
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage







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