



Car speaker ARX-130-46/4

A direct-radiator electrodynamic loudspeaker with a high-tone cone to radiate the lower and medium, possibly also the whole band of audible frequencies for use in products of consumer electronics, in loudspeakers sets for low-power decentralized sound-tracking but mainly for sound-tracking of cars.

ACOUSTICAL DATA

Rated noise power ¹⁾	25	W
Short term maximum power ²⁾	75	W
Rated impedance	4	Ohm
Resonance frequency F_s ⁴⁾	100.000	Hz
Rated frequency range	70 - 17000	Hz
Sensitivity ³⁾	87	dB

TS PARAMETERS

Acquired by MLSSA	D-0-10	
Effective piston area S_d	72.380	cm ²
DC resistance of voice coil R_e	3.514	Ohm
Mechanical Q factor Q_{ms}	3.085	
Electrical Q factor Q_{es}	1.661	
Total Q factor Q_{ts}	1.080	
Voice coil inductance L_e	0.145	
Equivalent volume V_{as}	3.695	l
Moving mass (including air load) M_{ms}	4.344	g
Suspension compliance C_{ms}	502.186	uM/Newton
Force factor Bl	2.494	Tm
Maximum linear displacement X_{max} ⁵⁾	1.2	mm

MECHANICAL DATA

Voice coil carrier material	aluminium	
Voice coil diameter	18.4	mm
Winding height of voice coil	5.2	mm
Yoke diameter	18	mm
Air gap height	4	mm
Magnet external diameter	60	mm
Magnet internal diameter	26	mm
Magnet height	13	mm
Compensating magnet external diameter	-	mm
Compensating magnet internal diameter	-	mm
Compensating magnet height	-	mm
Weight	0.4	kg

1) DIN IEC 268-5, closed box 5 dm³

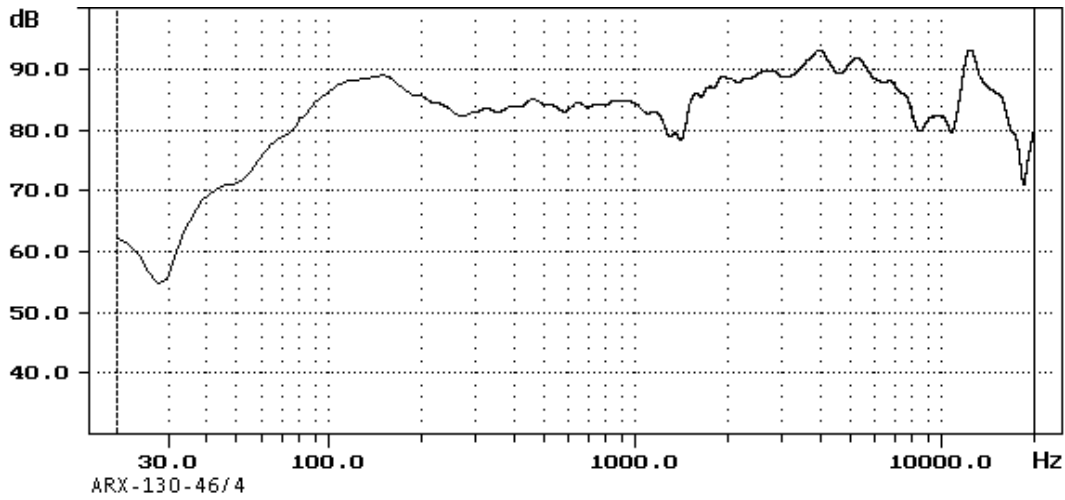
2) CSN IEC 268-5, closed box 5 dm³

3) CSN IEC 268-5, standard baffle, 1 W, 1 m, 200 - 10000 Hz

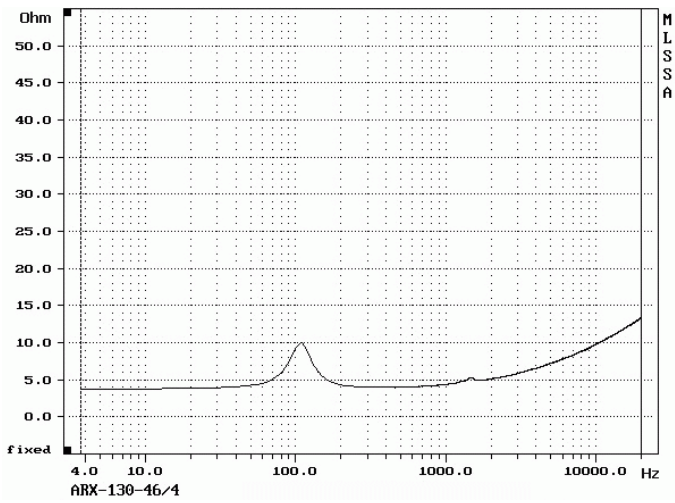
4) ±15 Hz

5) Peak - peak

Frequency response



Impedance Magnitude



Drawing

