

Specification Sheet

Model # ECN3W-8A



MISCO®

Key Features:

- 3" (77mm), 8 ohm
- Full Range, 10 watts
- Ferrite magnet, paper cone with natural rubber surround;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	3.0	inch
	77.0	mm
Rated Impedance	8	ohms
Rated Power	10.0	Watts
Program Power	20	Watts
Frequency Range	100 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	84	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	0.4 / 12	oz / gr
Transformer		

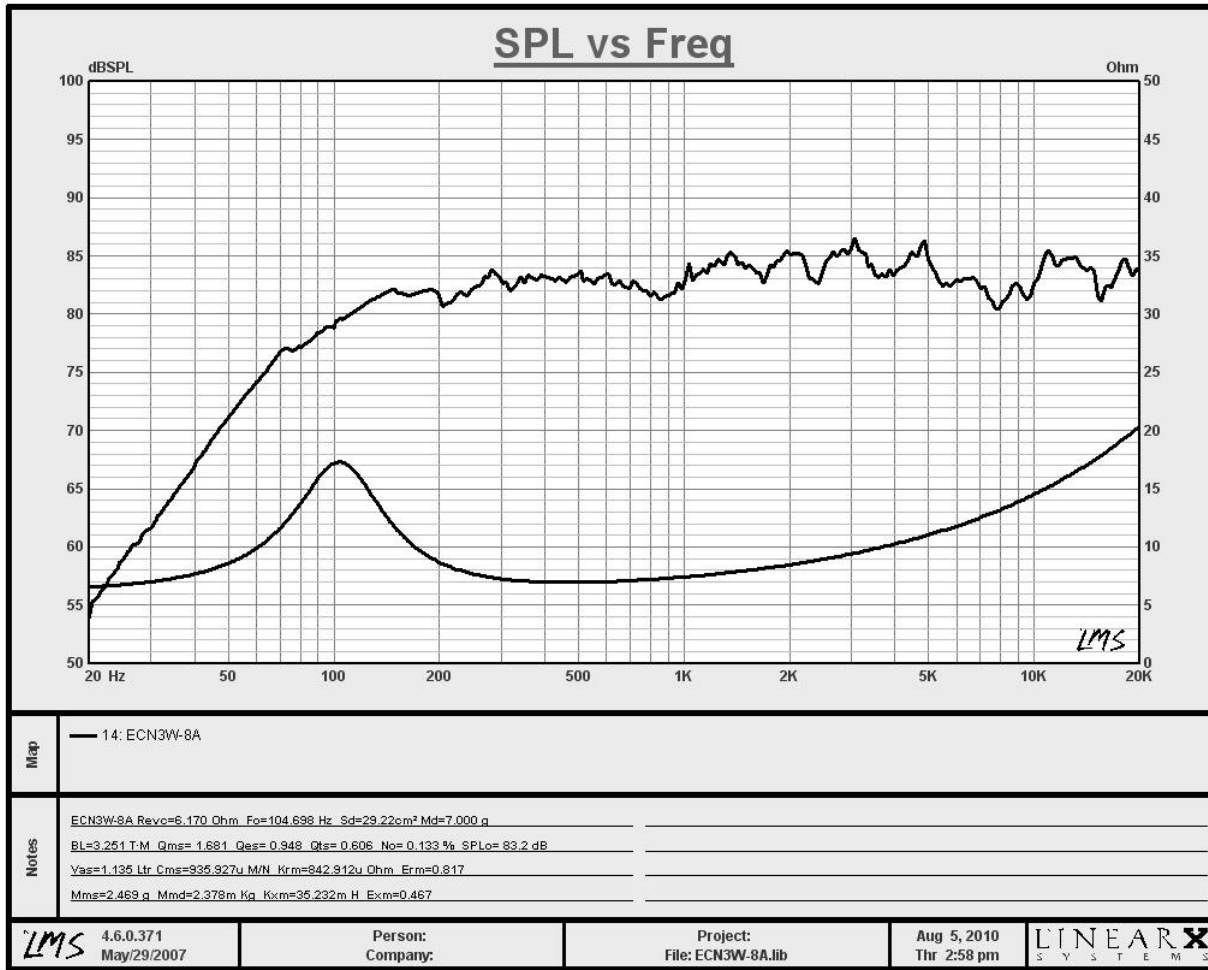
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	104	Hz
D.C. Resistance (Re)	6.2	ohms
Mechanical Q (Qms)	1.7	
Electrical Q (Qes)	0.95	
Total Q (Qts)	0.61	
Compliance Equivalent Volume (Vas)	1.1	ltr
BL Product (BL)	3.3	T-M
Maximum Linear Excursion (Xmax)	0.4	mm
Surface Area of Cone (Sd)	29.0	cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Stamped Steel
Terminal Size	0.205 x 0.02
Magnet	Neodymium
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Paper
Cone Edge	Natural Rubber
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.1 in.	+/- 0.020"
CD	Cutout Diameter	2.8 in.	+/- 0.020"
MG	Magnet Diameter	2.4 in.	+/- 0.050"
HD	Hole Diameter	0.23 in.	+/- 0.010"
MD	Mounting Diameter	3.3 in.	+/- 0.010"
ID	Internal Depth	1.3 in.	+/- 0.025"
FT	Flange Thickness	0.1 in.	+/- 0.050"
NW	Net Weight	301.0 g	

