

Specification Sheet

Model # MC050N20



MISCO®

Key Features:

- 2" (50 mm), 8 ohm
- Tweeter, 10 watts
- Ferrite magnet, paper cone
- RoHS Compliant;

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	Yes

Technical Specifications

		Units of Measure
Nominal Basket Diameter	2.0	inch
	50.0	mm
Rated Impedance	8	ohms
Rated Power	10.0	Watts
Program Power	20	Watts
Frequency Range	1800 - 20000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	98	dB SPL
Voice Coil Diameter	0.5 / 12.7	inch / mm
Magnet Weight	1.3 / 37	oz / gr
Transformer		

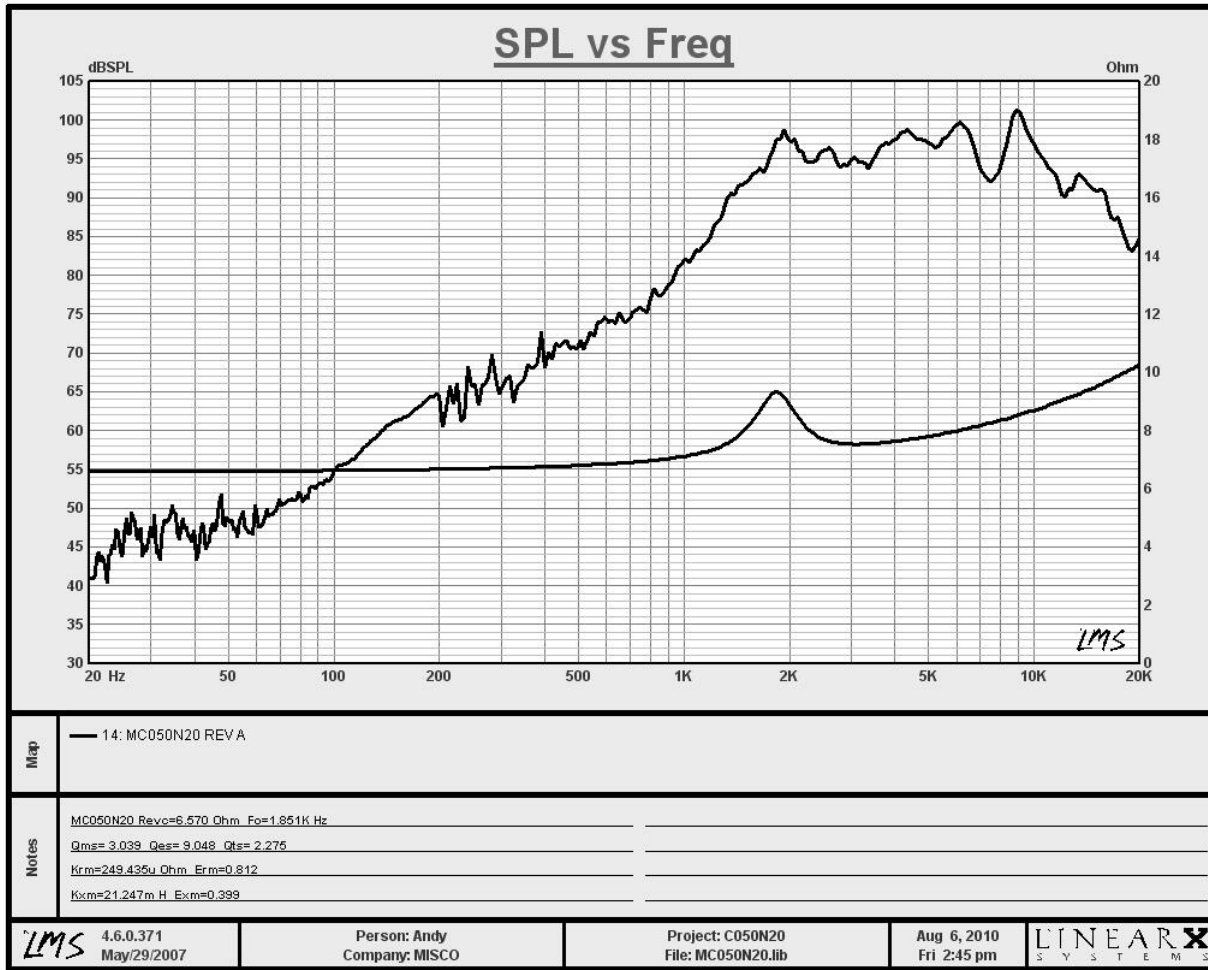
Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	1851	Hz
D.C. Resistance (Re)	6.6	ohms
Mechanical Q (Qms)	3.0	
Electrical Q (Qes)	9.05	
Total Q (Qts)	2.28	
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)		cm ²
Moving Mass (Mmd)		g

Material Descriptions

Basket	Plastic
Terminal Size	0.110 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Paper
Cone	Paper
Cone Edge	Paper
Dust Cap	Paper

Sensitivity / Frequency



Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	3.1 in.	+/- 0.020"
CD	Cutout Diameter	in.	+/- 0.020"
MG	Magnet Diameter	1.9 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	3.4 in.	+/- 0.010"
ID	Internal Depth	0.8 in.	+/- 0.025"
FT	Flange Thickness	0.13 in.	+/- 0.050"
NW	Net Weight	107.0 g	

