



MAVERICK™

The Maverick™ with patent-pending FDM™ technology puts tonal control at your fingertips. Just turn the modulator knob to adjust speaker output and amplifier interaction, helping you find that sweet spot of saturated tube tone but at a significantly lower volume. Tweak the knob for a wide range of tones: More attenuation affords a warmer tone while less attenuation restores volume and brightness.

See Thiele & Small Parameters on next page.

Specification

Nominal Basket Diameter	12", 304.8 mm
Nominal Impedance*	8 ohms
Power Rating**	75W
Resonance	82.45 Hz
Usable Frequency Range***	75 Hz - 5.2 kHz
Sensitivity	91.5 dB (No knob turn) 100 dB (Full turn)
Magnet Weight	38 oz.
Gap Height	0.312", 7.92 mm
Voice Coil Diameter	1.75", 44.5 mm

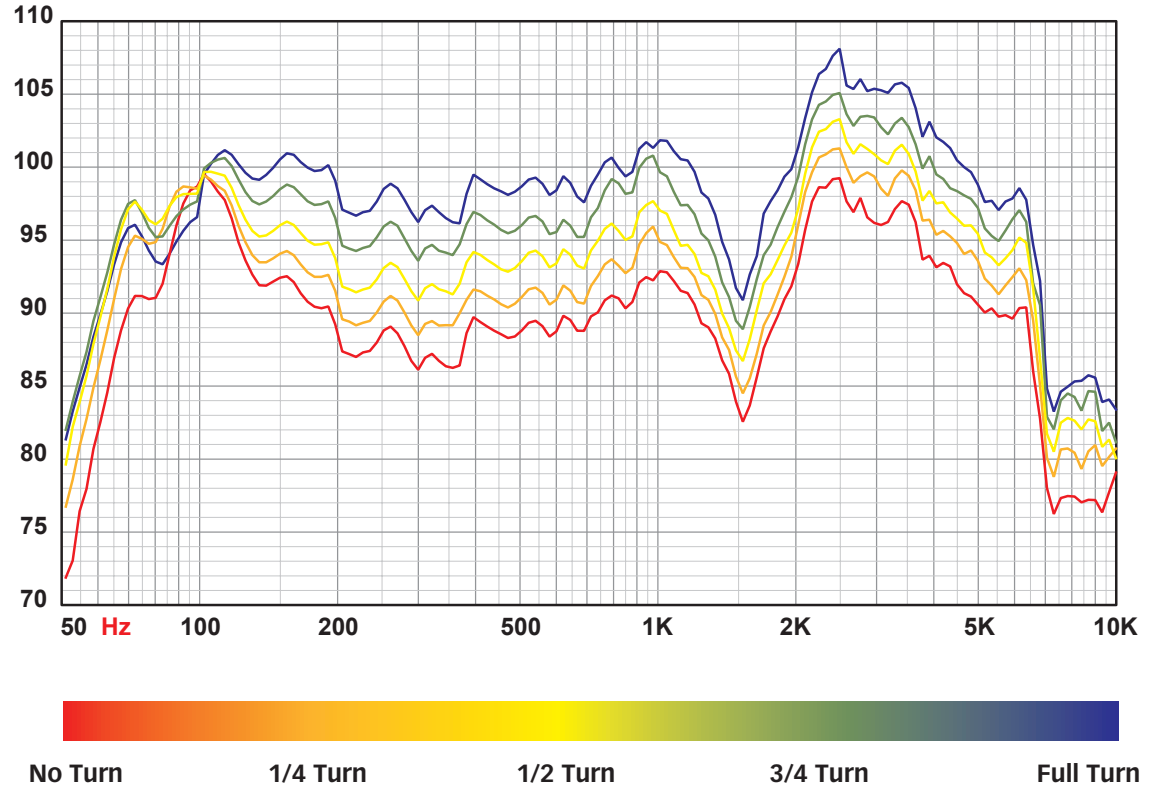
Mounting Information

Recommended Enclosure Volume	
Sealed	N/A
Vented	Acceptable
Driver Volume Displaced	134.25 cu.in., 2.2 liters
Overall Diameter	12.03", 305.5 mm
Baffle Hole Diameter	10.95", 278.1 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.59", 294.3 mm
Depth	6.562", 166.6 mm
Net Weight	7.8 lbs., 3.54 kg
Shipping Weight	9.7 lbs., 4.39 kg

Materials of Construction

Copper voice coil	Pressed steel basket
Polyimide former	Full molded paper cone
Ferrite magnet	Paper cone edge
FDM™ Core Technology	Zurette dust cap

dB SPL A 300° knob turn offers warmer tones and nearly 9 dB of attenuation.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

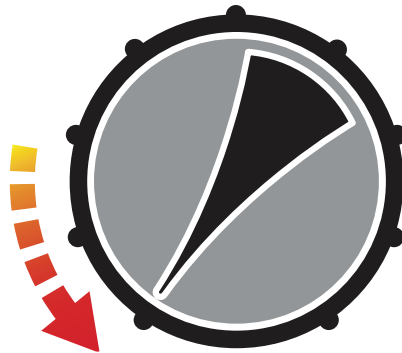
*** The average output across the usable frequency range when applying 1W/1M into the nominal impedance. l_e : 2.83V/8ohms, 4V/16ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1w/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)

THIELE & SMALL PARAMETERS

The Thiele & Small parameters vary when the knob is turned. These figures indicate the parameters at each end of the spectrum.

**NO TURN OFFERS
MAXIMUM ATTENUATION
AND WARMER TONES**



NO TURN

Resonant Frequency (fs)	82.6 Hz
DC Resistance (Re)	5.96
Coil Inductance (Le)	0.38 mH
Mechanical Q (Qms)	16.26
Electromagnetic Q (Qes)	6.16
Total Q (Qts)	4.47
Compliance Equivalent Volume (Vas)	48.71 liters
Peak Diaphragm Displacement Volume (Vd)	24.42 cc
Mechanical Compliance of Suspension (Cms)	0.13 mm/N
BL Product (BL)	3.76 T-M
Diaphragm Mass Inc. Airload (Mms)	28.2 grams
Efficiency Bandwidth Product (EBP)	13.4
Maximum Linear Excursion (Xmax)	.047 mm
Surface Area of Cone (Sd)	519.5 cm ²
Maximum Mechanical Limit (Xlim)	N/A



**A FULL TURN RESULTS
IN HIGHER VOLUME
AND BRIGHTER TONES**

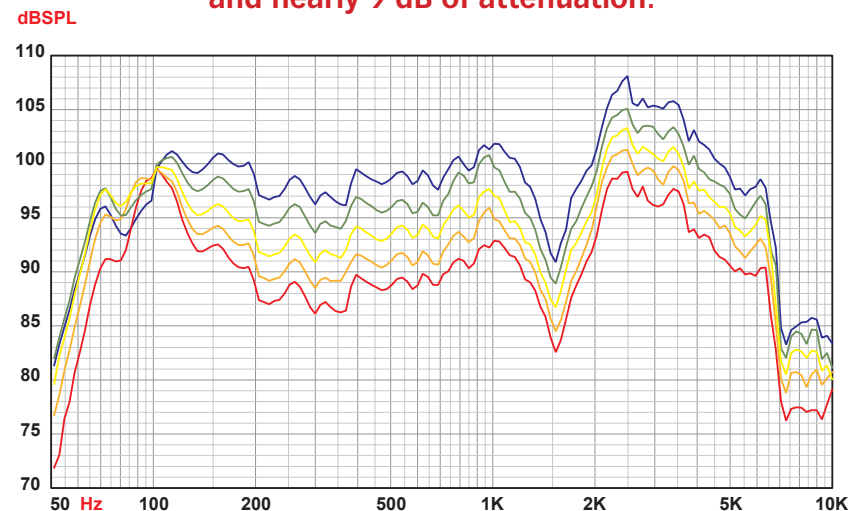
FULL TURN

Resonant Frequency (fs)	82.45 Hz
DC Resistance (Re)	5.99
Coil Inductance (Le)	0.48 mH
Mechanical Q (Qms)	16.77
Electromagnetic Q (Qes)	1.17
Total Q (Qts)	1.09
Compliance Equivalent Volume (Vas)	48.71 liters
Peak Diaphragm Displacement Volume (Vd)	24.42 cc
Mechanical Compliance of Suspension (Cms)	0.13 mm/N
BL Product (BL)	8.71 T-M
Diaphragm Mass Inc. Airload (Mms)	28.5 grams
Efficiency Bandwidth Product (EBP)	70.73
Maximum Linear Excursion (Xmax)	0.47 mm
Surface Area of Cone (Sd)	519.5 cm ²
Maximum Mechanical Limit (Xlim)	N/A

The MAVERICK™ and REIGNMAKER™

models with patent-pending FDM™ technology put tonal control at your fingertips. Just turn the modulator knob to adjust speaker output and amplifier interaction, helping you find that sweet spot of saturated tube tone but at a significantly lower volume. Tweak the knob for a wide range of tones: More attenuation affords a warmer tone while less attenuation restores volume and brightness.

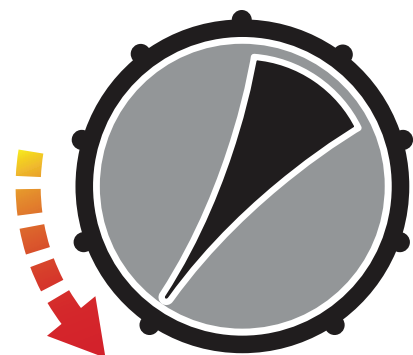
A 300° knob turn offers warmer tones and nearly 9 dB of attenuation.



THIELE & SMALL PARAMETERS

The Thiele & Small parameters vary when the knob is turned. These figures indicate the parameters at each end of the spectrum.

**NO TURN OFFERS
MAXIMUM ATTENUATION
AND WARMER TONES**



MAVERICK™ REIGNMAKER™

Resonant Frequency (fs)	82.6 Hz	91.25 Hz
DC Resistance (Re)	5.96	5.94
Coil Inductance (Le)	0.38 mH	0.44 mH
Mechanical Q (Qms)	16.26	16.82
Electromagnetic Q (Qes)	6.16	7.84
Total Q (Qts)	4.47	5.35
Compliance Equivalent Volume (Vas)	48.71 liters	37.47 liters
Peak Diaphragm Displacement Volume (Vd)	24.42 cc	24.42 cc
Mechanical Compliance of Suspension (Cms)	0.13 mm/N	0.10 mm/N
BL Product (BL)	3.76 T-M	3.62 T-M
Diaphragm Mass Inc. Airload (Mms)	28.2 grams	30.15 grams
Efficiency Bandwidth Product (EBP)	13.4	11.65
Maximum Linear Excursion (Xmax)	.047 mm	0.47 mm
Surface Area of Cone (Sd)	519.5 cm ²	519.5 cm ²
Maximum Mechanical Limit (Xlim)	N/A	N/A

**A FULL TURN RESULTS
IN HIGHER VOLUME
AND BRIGHTER TONES**



MAVERICK™ REIGNMAKER™

Resonant Frequency (fs)	82.45 Hz	91.00 Hz
DC Resistance (Re)	5.99	5.98
Coil Inductance (Le)	0.48 mH	0.50 mH
Mechanical Q (Qms)	16.77	20.19
Electromagnetic Q (Qes)	1.17	1.37
Total Q (Qts)	1.09	1.29
Compliance Equivalent Volume (Vas)	48.71 liters	37.47 liters
Peak Diaphragm Displacement Volume (Vd)	24.42 cc	24.42 cc
Mechanical Compliance of Suspension (Cms)	0.13 mm/N	0.10 mm/N
BL Product (BL)	8.71 T-M	8.74 T-M
Diaphragm Mass Inc. Airload (Mms)	28.5 grams	30.65 grams
Efficiency Bandwidth Product (EBP)	70.73	66.31
Maximum Linear Excursion (Xmax)	0.47 mm	0.47 mm
Surface Area of Cone (Sd)	519.5 cm ²	519.5 cm ²
Maximum Mechanical Limit (Xlim)	N/A	N/A

SPECIFICATION

	MAVERICK™	REIGNMAKER™
Nominal Basket Diameter	12", 304.8mm	12", 304.8mm
Nominal Impedance*	8 ohms	8 ohms
Power Rating**		
Watts	75W	75W
Music Program	N/A	N/A
Resonance	82.45 Hz	91.0 Hz
Usable Frequency Range	75 Hz - 5.2 kHz	80 Hz - 6.2 kHz
Sensitivity***		
Max Attenuation	91.5 dB	91.5 dB
No Attenuation	100 dB	100 dB
Magnet Weight	38 oz	38 oz
Gap Height	7.92 mm	7.92 mm
Voice Coil Diameter	1.75", 44.5 mm	1.75", 44.5 mm

MOUNTING INFORMATION

	MAVERICK™	REIGNMAKER™
Recommended Enclosure Volume		
Sealed	N/A	N/A
Open Back	Acceptable	Acceptable
Driver Volume Displaced	134.25 cu.in., 2.2 liters	134.25 cu.in., 2.2 liters
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Net Weight	7.8 lbs., 3.54 kg	7.8 lbs., 3.54 kg
Shipping Weight	9.7 lbs., 3.39 kg	9.7 lbs., 3.39 kg

MATERIALS OF CONSTRUCTION

Coil Construction	Copper	Copper
Coil Former	Polyimide	Polyimide
Magnet Composition	Ferrite	Ferrite
Core Details	FDM™ Technology	FDM™ Technology
Basket Materials	Pressed steel	Pressed steel
Cone Composition	Full molded paper	Full molded paper
Cone Edge Composition	Paper cone	Paper cone
Dust Cap Composition	Zurette	Zurette