EMINENCE®
The Art and Science of Sound

THE REIGNMAKER™

RED COAT™

The ReignMaker™ 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	91 Hz
Usable Frequency Range***	80 Hz - 6.2 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

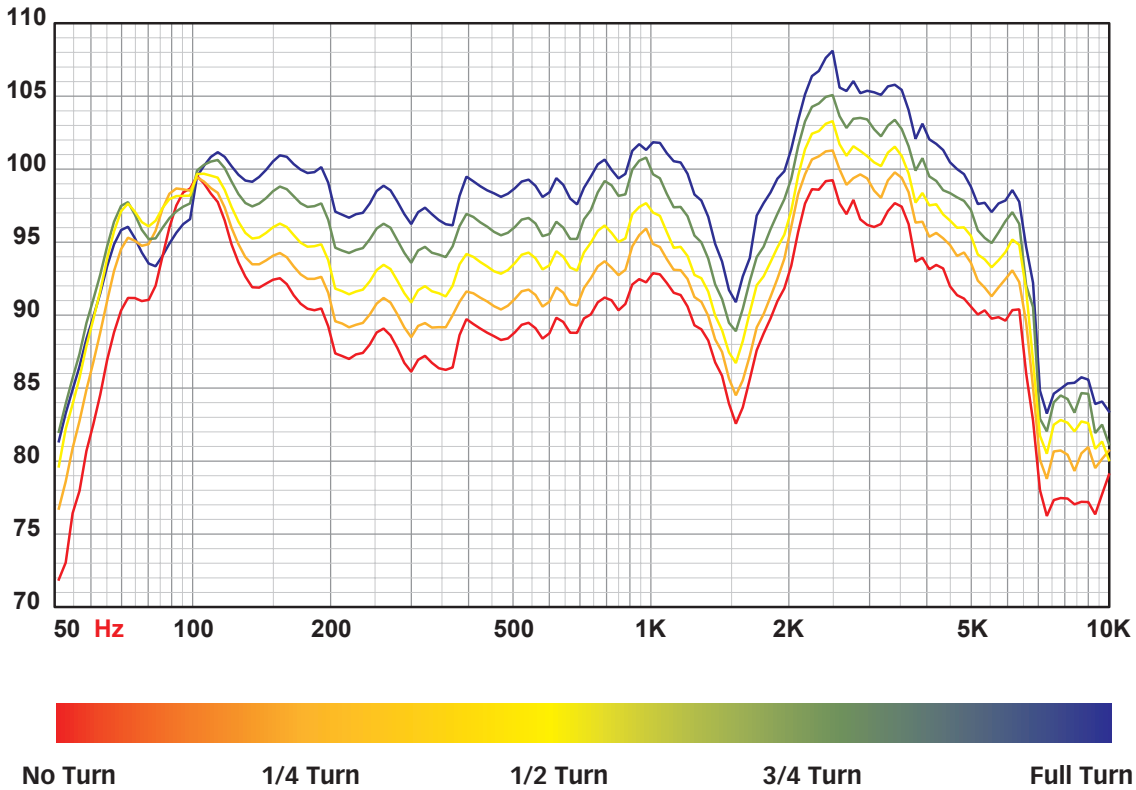
Mounting Information

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

dBSPL **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. Ie: 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

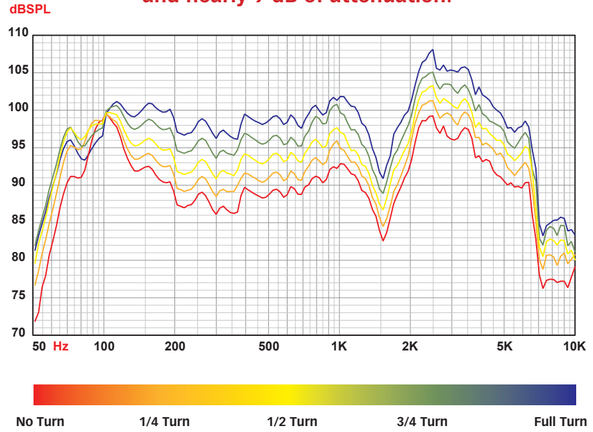
A FULL TURN RESULTS IN HIGHER VOLUME AND BRIGHTER TONES

	NO TURN
Resonant Frequency (fs)	91.25 Hz
DC Resistance (Re)	5.94
Coil Inductance (Le)	0.44 mH
Mechanical Q (Qms)	16.82
Electromagnetic Q (Qes)	7.84
Total Q (Qts)	5.35
Compliance Equivalent Volume (Vas)	37.47 liters
Peak Diaphragm Displacement Volume (Vd)	24.42 cc
Mechanical Compliance of Suspension (Cms)	0.10 mm/N
BL Product (BL)	3.62 T-M
Diaphragm Mass Inc. Airload (Mms)	30.15 grams
Efficiency Bandwidth Product (EBP)	11.65
Maximum Linear Excursion (Xmax)	0.47 mm
Surface Area of Cone (Sd)	519.5 cm2
Maximum Mechanical Limit (Xlim)	N/A

	FULL TURN
Resonant Frequency (fs)	91.00 Hz
DC Resistance (Re)	5.98
Coil Inductance (Le)	0.50 mH
Mechanical Q (Qms)	20.19
Electromagnetic Q (Qes)	1.37
Total Q (Qts)	1.29
Compliance Equivalent Volume (Vas)	37.47 liters
Peak Diaphragm Displacement Volume (Vd)	24.42 cc
Mechanical Compliance of Suspension (Cms)	0.10 mm/N
BL Product (BL)	8.74 T-M
Diaphragm Mass Inc. Airload (Mms)	30.65 grams
Efficiency Bandwidth Product (EBP)	66.31
Maximum Linear Excursion (Xmax)	0.47 mm
Surface Area of Cone (Sd)	519.5 cm2
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

A FULL TURN RESULTS IN HIGHER VOLUME AND BRIGHTER 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 cm2	519.5 cm2
Maximum Mechanical Limit (Xlim)	N/A	N/A

	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 cm2	519.5 cm2
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

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
Overall Diameter	12.03”, 305.5 mm	12.03”, 305.5 mm
Baffle Hole Diameter	10.95”, 278.1 mm	10.95”, 278.1 mm
Front Sealing Gasket	YES	YES
Rear Sealing Gasket	YES	YES
Mounting Holes Diameter	0.25”, 6.4 mm	0.25”, 6.4 mm
Mounting Holes B.C.D.	11.59”, 294.3 mm	11.59”, 294.3 mm
Depth	6.562”, 166.6 mm	6.562”, 166.6 mm
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

Thank you for choosing a Genuine Eminence product. We are proud of our long history of manufacturing loudspeakers here in Eminence, Kentucky. Each product is made by hand with quality, value and service in mind. We know that real performance and tone only come from pride, passion and attention to detail. We thank you for helping to keep us doing what we love, and for keeping the American dream alive!

Visit us online at www.eminence.com

Genuine Eminence Limited Warranty

The Genuine Eminence warranty remains in effect for seven years from the date of the first consumer purchase (in the US) with the original bill of sale. Without an original bill of sale, the manufacturing date will establish the beginning of the warranty period.

Your warranty covers all defects in material and workmanship except: damage caused by accident, misuse, abuse, product modification or neglect, or damage incurred during shipment; damage resulting from the performance of repairs by unauthorized Genuine Eminence recone/repair centers; claims based upon any misrepresentation by the seller; any Genuine Eminence product on which the date code/serial number has been defaced, modified or removed.

Eminence will pay all labor and material expenses for all repairs covered by this warranty. Please be sure to save the original shipping cartons. A charge will be made if replacement cartons are requested. You are responsible for transporting your product for repair or arranging for its transportation and for payment of any initial shipping charges. We will pay the return shipping charges if repairs are covered by the warranty.

Eminence's liability is limited to the repair or replacement, at our option, of any defective product and shall not include incidental or consequential damage of any kind.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

If your Genuine Eminence product ever needs service, contact us at Eminence Speaker LLC, 838 Mulberry Pike, P. O. Box 360, Eminence, KY. 40019, (502)845-5622 phone, (502)845-5653 fax, warranty@eminence.com or contact the distributor or dealer where you purchased the product. Please do not ship your product to the factory without prior authorization.

Use the e-mail address, warranty@eminence.com, for warranty issues only. For all non-warranty issues, please contact Eminence at info@eminence.com.

Footnotes

* Please consult www.eminence.com for specifications of models with 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. Ie: 2.83 V/8 ohms, 4 V/16 ohms. 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 | 2 ft. x 2 ft. 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).

EMINENCE®

The Art and Science of Sound

We've put a new twist on guitar tone.

You are about to experience the revolutionary, patent-pending Flux Density Modulation (FDM™) Technology.

From everyone here at Eminence,

thank you.