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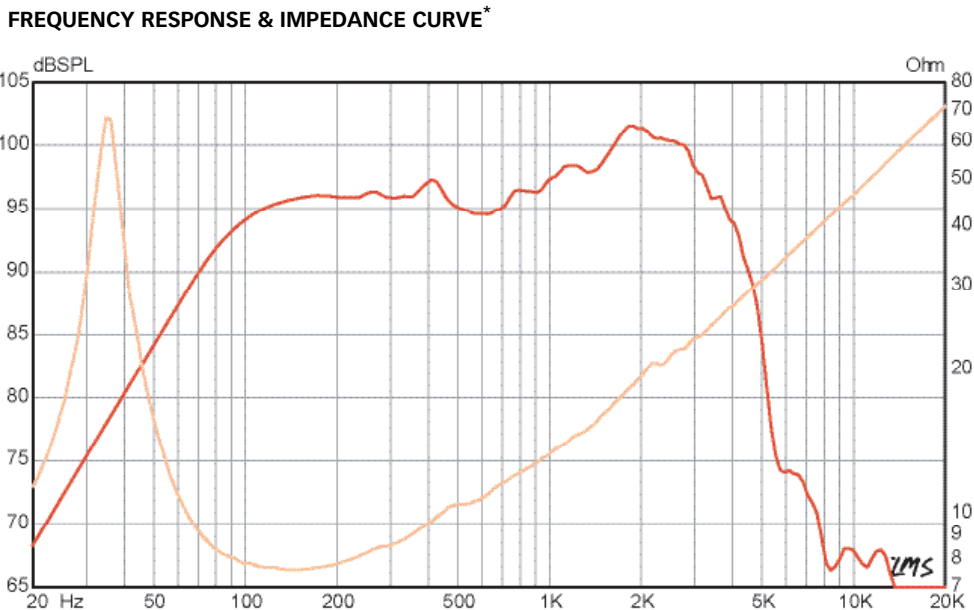


15"

Bass guitar driver producing smooth and tight bass in sealed cabinets, or thick, rich, low bass in vented cabinets. 15" Bass Speaker, 8 ohm, 2" Voice Coil, Stamped Frame, 200W

SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	15", 381 mm	Fs	35 Hz	Recommended Enclosure Volume	
Nominal Impedance*	8 Ω	Re	6 Ω	Sealed	40–142 liters, 1.4–5 cu.ft.
Power Rating**		Le	0.89 mH	Vented	96–195 liters, 3.4–6.9 cu.ft.
Watts	200 W	Qms	6.38		
Music Program	400 W	Qes	0.63	Driver Volume Displaced	0.118 cu.ft., 3.33 liters
Resonance	35 Hz	Qts	0.57	Overall Diameter	15.15", 384.8 mm
Usable Frequency Range	43 Hz – 4 kHz	Vas	11.72 cu.ft., 331.75 liters	Baffle Hole Diameter	13.84", 351.5 mm
Sensitivity***	97 dB	Vd	342.4 cc	Front Sealing Gasket	Yes
Magnet Weight	38 oz.	Cms	0.32 mm/N	Rear Sealing Gasket	Yes
Gap Height	0.31", 7.9 mm	BL	11.6 T-M	Mounting Holes Diameter	0.25", 6.4 mm
Voice Coil Diameter	2", 51 mm	Mms	64 grams	Mounting Holes B.C.D.	14.56", 369.8 mm
		EBP	56	Depth	6", 152.4 mm
		Xmax	4 mm	Net Weight	9.02 lbs , 4.09 kg
		Sd	864.6 cm2	Shipping Weight	11.77 lbs , 5.34 kg
		Xlim	10 mm		

- MATERIALS OF CONSTRUCTION
- Copper voice coil
 - Polyimide former
 - Ferrite magnet
 - Vented w/extended core and bumped backplate
 - Pressed steel basket
 - Treated paper cone
 - Sealed cloth cone edge
 - Treated paper dust cap





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RETROBASS-S2515



15" 15 inch pro audio driver for bass guitar or PA mid/bass. Extended top end performance.
8 ohm, Ferrite Magnet, 2.5" Aluminum Voice Coil, Stamped Frame, 250W

SPECIFICATION

Nominal Basket Diameter	15", 381 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	250 W
Music Program	500 W
Resonance	50 Hz
Usable Frequency Range	57 Hz – 5.5 kHz
Sensitivity***	100 dB
Magnet Weight	56 oz.
Gap Height	0.39", 9.9 mm
Voice Coil Diameter	2.5", 64 mm

THIELE & SMALL PARAMETERS*

Fs	50 Hz
Re	5.7 Ω
Le	0.57 mH
Qms	7.65
Qes	0.73
Qts	0.67
Vas	5.9 cu.ft., 167.2 liters
Vd	121 cc
Cms	0.16 mm/N
BL	12.5 T-M
Mms	63 grams
EBP	69
Xmax	1.4 mm
Sd	864.6 cm2
Xlim	8 mm

MOUNTING INFORMATION

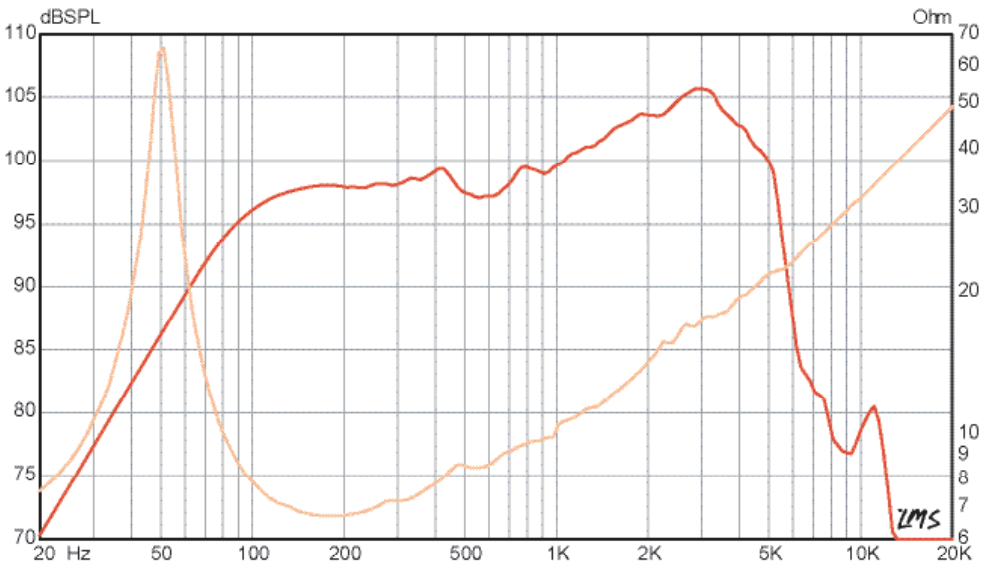
Recommended Enclosure Volume	
Sealed	42–85 liters, 1.5–3 cu.ft.
Vented	48–122 liters, 1.7–4.3 cu.ft.
Driver Volume Displaced	0.128 cu.ft., 3.62 liters
Overall Diameter	15.15", 384.8 mm
Baffle Hole Diameter	13.84", 351.5 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	14.56", 369.8 mm
Depth	6.63", 168.4 mm
Net Weight	15.06 lbs , 6.83 kg
Shipping Weight	17.24 lbs , 7.82 kg

MATERIALS OF CONSTRUCTION

- Aluminum voice coil
- Polyimide former
- Ferrite magnet
- Vented core
- Pressed steel basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*





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PA-S1506



6" Medium power pro audio and MI driver. Works well as a mid in small sealed boxes, or as a mid/bass driver in vented box. Ferrite Magnet, Stamped Frame, 1.5' Copper Voice Coil, 100 Watts, 95.3db Sensitivity

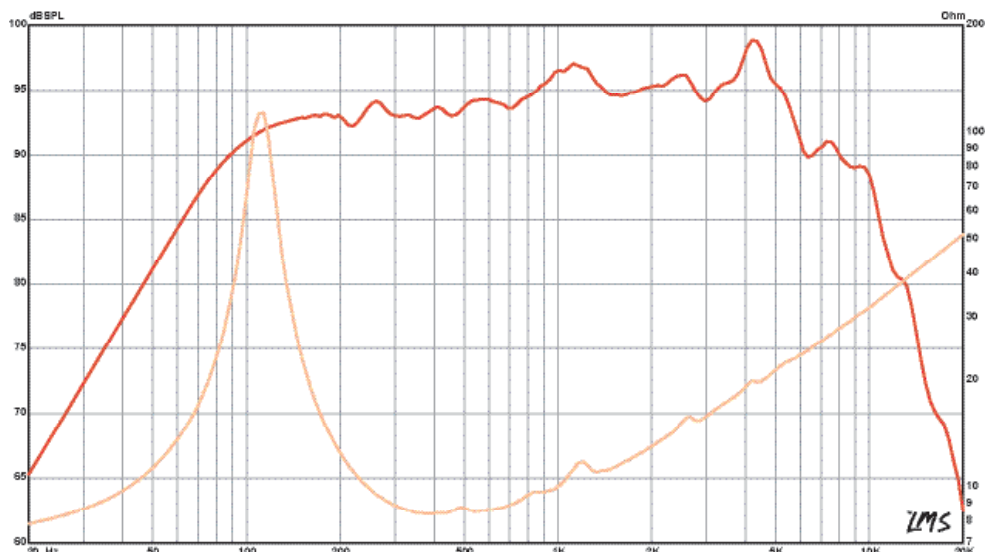
SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	6.5", 165 mm	Fs	111 Hz	Recommended Enclosure Volume	
Nominal Impedance*	8 Ω	Re	6.7 Ω	Sealed	2–5 liters, 0.1–0.2 cu.ft.
Power Rating**		Le	0.55 mH	Vented	-5–7 liters, 0.2–0.3 cu.ft.
Watts	100 W	Qms	9.57	Driver Volume Displaced	0.014 cu.ft., 0.41 liters
Music Program	200 W	Qes	0.49	Overall Diameter	6.58", 167.1 mm
Resonance	111 Hz	Qts	0.47	Baffle Hole Diameter	5.6", 142.2 mm
Usable Frequency Range	103 Hz – 6 kHz	Vas	0.16 cu.ft., 4.49 liters	Front Sealing Gasket	Yes
Sensitivity***	94.7 dB	Vd	22.3 cc	Rear Sealing Gasket	Yes
Magnet Weight	20 oz.	Cms	0.2 mm/N	Mounting Holes Diameter	0.22", 5.6 mm
Gap Height	0.24", 6.1 mm	BL	9.8 T-M	Mounting Holes B.C.D.	6.14", 156 mm
Voice Coil Diameter	1.5", 38 mm	Mms	10 grams	Depth	2.88", 73.2 mm
		EBP	225	Net Weight	3.84 lbs , 1.74 kg
		Xmax	1.8 mm	Shipping Weight	4.41 lbs , 2 kg
		Sd	126.7 cm2		
		Xlim	5 mm		

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Vented core, bumped backplate
- Pressed steel basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



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PA-S1510



10" Medium power pro audio and MI driver. Works well as a mid in small sealed boxes, as a mid/bass driver in vented box, or for Bass Guitar in medium sized vented cabinets. Ferrite Magnet, Stamped Frame, 1.5" Copper Voice Coil, 125 Watts, 95.3db Sensitivity

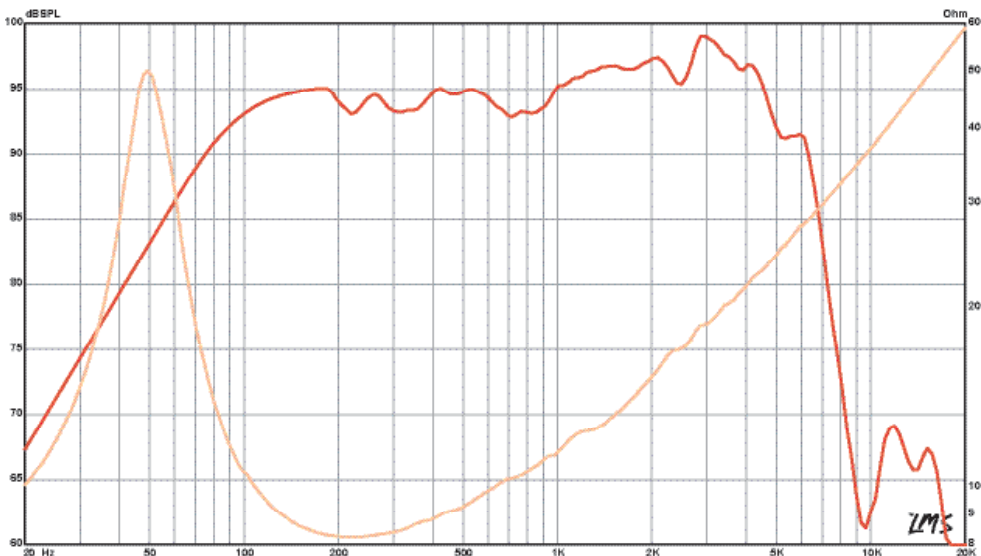
SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	10", 254 mm	Fs	50 Hz	Recommended Enclosure Volume	
Nominal Impedance*	8 Ω	Re	6.6 Ω	Sealed	8–35 liters, 0.3–1.3 cu.ft.
Power Rating**		Le	0.66 mH	Vented	37–61 liters, 1.3–2.2 cu.ft.
Watts	125 W	Qms	3.81	Driver Volume Displaced	0.034 cu.ft., 0.95 liters
Music Program	250 W	Qes	0.58	Overall Diameter	10.11", 256.8 mm
Resonance	50 Hz	Qts	0.5	Baffle Hole Diameter	9.13", 231.9 mm
Usable Frequency Range	84 Hz – 5 kHz	Vas	2.83 cu.ft., 80.23 liters	Front Sealing Gasket	Yes
Sensitivity***	95.3 dB	Vd	113 cc	Rear Sealing Gasket	Yes
Magnet Weight	20 oz.	Cms	0.46 mm/N	Mounting Holes Diameter	0.23", 5.8 mm
Gap Height	0.24", 6.1 mm	BL	9 T-M	Mounting Holes B.C.D.	9.69", 246.1 mm
Voice Coil Diameter	1.5", 38 mm	Mms	23 grams	Depth	3.8", 96.5 mm
		EBP	86	Net Weight	4.85 lbs , 2.2 kg
		Xmax	3.2 mm	Shipping Weight	5.82 lbs , 2.64 kg
		Sd	355.4 cm2		
		Xlim	9 mm		

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Vented core, bumped backplate
- Pressed steel basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



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PA-S1512



12" Medium power pro audio and MI driver. Works well as a mid in small sealed boxes, as a mid/bass driver in vented box, or for Bass Guitar in medium sized vented cabinets.
 Ferrite Magnet, Stamped Frame, 1.5" Copper Voice Coil, 125 Watts, 96.5dB

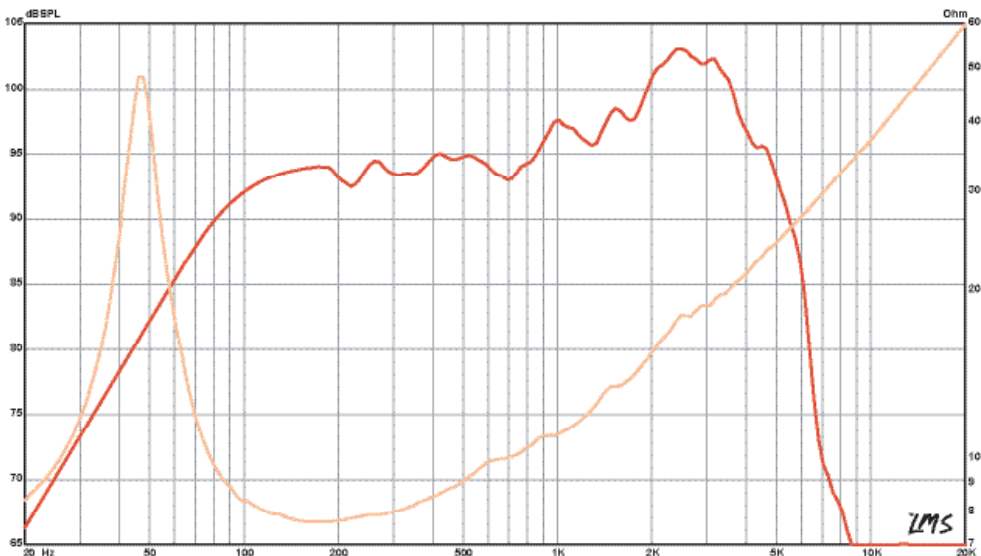
SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	12", 305 mm	Fs	47 Hz	Recommended Enclosure Volume	
Nominal Impedance*	8 Ω	Re	6.7 Ω	Sealed	20–51 liters, 0.7–1.8 cu.ft.
Power Rating**		Le	0.67 mH	Vented	93–147 liters, 3.3–5.2 cu.ft.
Watts	125 W	Qms	5.9		
Music Program	250 W	Qes	0.92	Driver Volume Displaced	0.063 cu.ft., 1.78 liters
Resonance	47 Hz	Qts	0.79	Overall Diameter	12.25", 311.2 mm
Usable Frequency Range	40 Hz – 5 kHz	Vas	4 cu.ft., 113.23 liters	Baffle Hole Diameter	11", 279.4 mm
Sensitivity***	96.5 dB	Vd	167.2 cc	Front Sealing Gasket	Yes
Magnet Weight	20 oz.	Cms	0.29 mm/N	Rear Sealing Gasket	Yes
Gap Height	0.24", 6.1 mm	BL	9.2 T-M	Mounting Holes Diameter	0.25", 6.4 mm
Voice Coil Diameter	1.5", 38 mm	Mms	39 grams	Mounting Holes B.C.D.	11.72", 297.7 mm
		EBP	51	Depth	4.63", 117.6 mm
		Xmax	3.2 mm	Net Weight	4.87 lbs , 2.21 kg
		Sd	525.9 cm2	Shipping Weight	6.28 lbs , 2.85 kg
		Xlim	6.7 mm		

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Vented core, bumped backplate
- Pressed steel basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



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PA-S1515



15" Medium power pro audio and MI driver. Works well in medium to large sealed cabinets, or in large vented cabinets. Ferrite Magnet, Stamped Frame, 1.75" Copper Voice Coil, 125 Watts, 97.7dB sensitivity

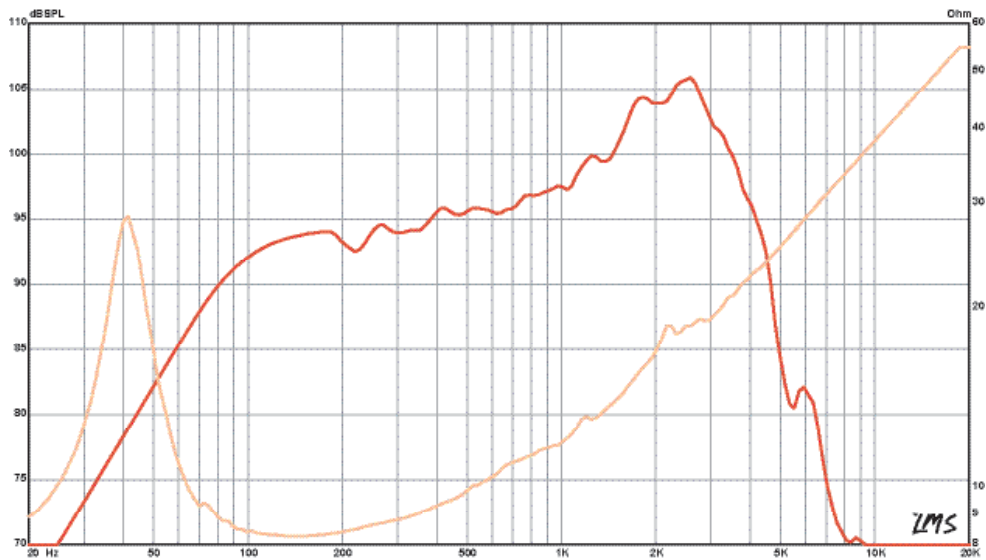
SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	15", 381 mm	Fs	41 Hz	Recommended Enclosure Volume	
Nominal Impedance*	8 Ω	Re	6.7 Ω	Sealed	54–117 liters, 1.9–4.1 cu.ft.
Power Rating**		Le	0.68 mH	Vented	119–172 liters, 4.2–6.1 cu.ft.
Watts	125 W	Qms	3.48	Driver Volume Displaced	0.113 cu.ft., 3.21 liters
Music Program	250 W	Qes	1.19	Overall Diameter	15.15", 384.8 mm
Resonance	41 Hz	Qts	0.89	Baffle Hole Diameter	13.84", 351.5 mm
Usable Frequency Range	47 Hz – 4.2 kHz	Vas	9.61 cu.ft., 272.17 liters	Front Sealing Gasket	Yes
Sensitivity***	97.7 dB	Vd	280.2 cc	Rear Sealing Gasket	Yes
Magnet Weight	20 oz.	Cms	0.25 mm/N	Mounting Holes Diameter	0.25", 6.4 mm
Gap Height	0.24", 6.1 mm	BL	9.3 T-M	Mounting Holes B.C.D.	14.56", 369.8 mm
Voice Coil Diameter	1.5", 38 mm	Mms	59 grams	Depth	5.62", 142.8 mm
		EBP	35	Net Weight	5.95 lbs , 2.7 kg
		Xmax	3.2 mm	Shipping Weight	8.49 lbs , 3.85 kg
		Sd	881.2 cm2		
		Xlim	6.5 mm		

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Vented core, bumped backplate
- Pressed steel basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



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10"

High power pro audio or MI mid/bass driver. Works well as a midrange in a small sealed box or as a mid/bass driver in small vented boxes.

Ferrite Magnet, Stamped Frame, 2.5" Aluminum Voice Coil, 98dB Sensitivity

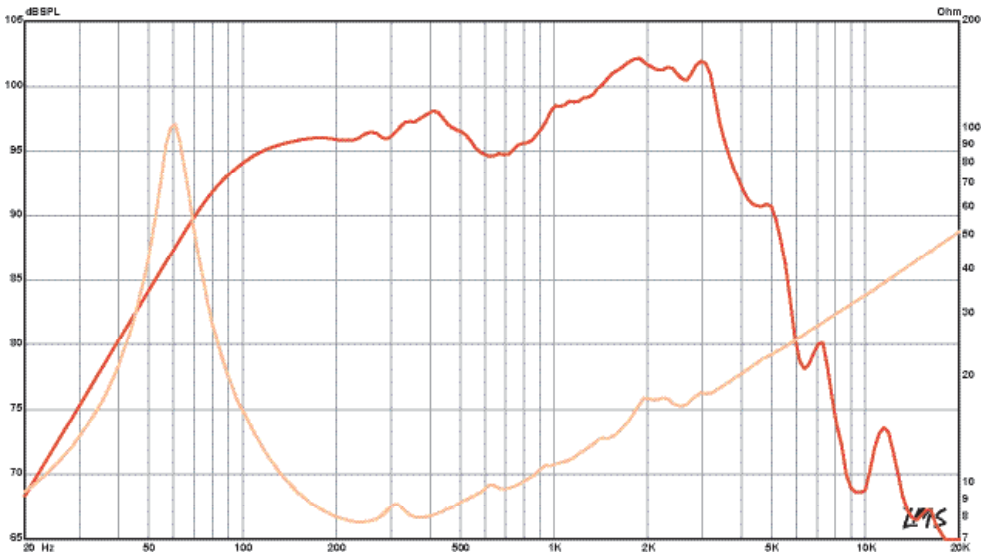
SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	10", 254 mm	Fs	60 Hz	Recommended Enclosure Volume	
Nominal Impedance*	8 Ω	Re	5.7 Ω		Sealed 5–17 liters, 0.2–0.6 cu.ft.
Power Rating**		Le	0.6 mH	Vented	16–33 liters, 0.6–1.2 cu.ft.
	Watts 275 W	Qms	7.35		
	Music Program 550 W	Qes	0.36	Driver Volume Displaced	0.05 cu.ft., 1.42 liters
Resonance	60 Hz	Qts	0.35	Overall Diameter	10.13", 257.3 mm
Usable Frequency Range	70 Hz – 3.7 kHz	Vas	1.5 cu.ft., 42.43 liters	Baffle Hole Diameter	9.05", 229.9 mm
Sensitivity***	98 dB	Vd	56.9 cc	Front Sealing Gasket	Yes
Magnet Weight	56 oz.	Cms	0.24 mm/N	Rear Sealing Gasket	Yes
Gap Height	0.39", 9.9 mm	BL	13.2 T-M	Mounting Holes Diameter	0.25", 6.4 mm
Voice Coil Diameter	2.5", 64 mm	Mms	29 grams	Mounting Holes B.C.D.	9.69", 246.1 mm
		EBP	165	Depth	4", 101.6 mm
		Xmax	1.6 mm	Net Weight	11.18 lbs , 5.07 kg
		Sd	355.4 cm2	Shipping Weight	12.21 lbs , 5.54 kg
		Xlim	8 mm		

MATERIALS OF CONSTRUCTION

- Aluminum voice coil
- Polyimide former
- Ferrite magnet
- Vented core
- Pressed steel basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



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PA-S25 15



15" High power for pro audio and MI applications. Great for small sealed floor wedges or medium sized vented boxes for mains, monitors, or bass guitar. Ferrite Magnet, Stamped Frame, 2.5" Copper Voice Coil, 99.5dB Sensitivity, 300 Watts

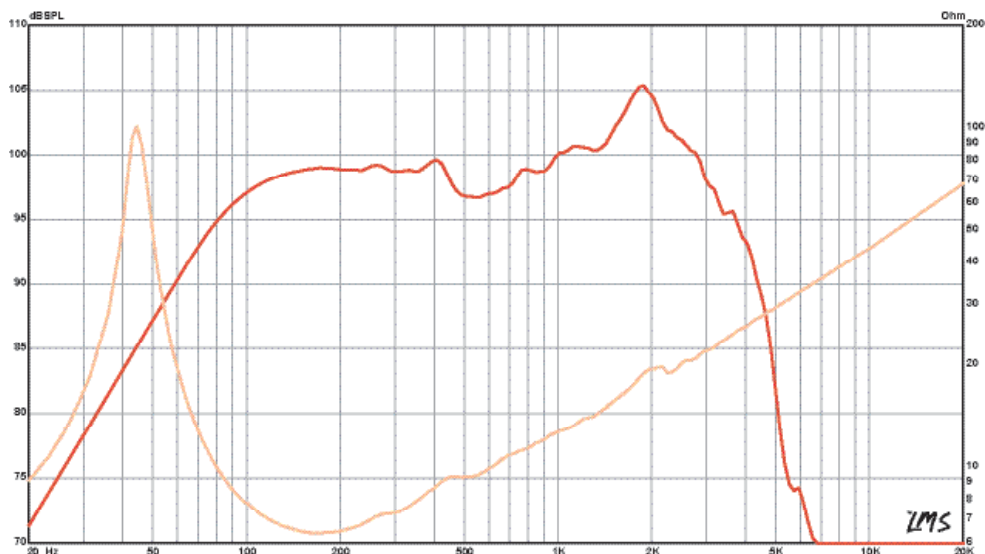
SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	15", 381 mm	Fs	44 Hz	Recommended Enclosure Volume	
Nominal Impedance*	8 Ω	Re	5.1 Ω	Sealed	28–64 liters, 1–2.3 cu.ft.
Power Rating**		Le	0.86 mH	Vented	57–130 liters, 2–4.6 cu.ft.
Watts	300 W	Qms	9.97	Driver Volume Displaced	0.128 cu.ft., 3.62 liters
Music Program	600 W	Qes	0.45	Overall Diameter	15.15", 384.8 mm
Resonance	44 Hz	Qts	0.44	Baffle Hole Diameter	13.84", 351.5 mm
Usable Frequency Range	52 Hz – 3.6 kHz	Vas	6.81 cu.ft., 192.81 liters	Front Sealing Gasket	Yes
Sensitivity***	99.5 dB	Vd	274.9 cc	Rear Sealing Gasket	Yes
Magnet Weight	56 oz.	Cms	0.19 mm/N	Mounting Holes Diameter	0.25", 6.4 mm
Gap Height	0.39", 9.9 mm	BL	14.7 T-M	Mounting Holes B.C.D.	14.56", 369.8 mm
Voice Coil Diameter	2.5", 64 mm	Mms	70 grams	Depth	6", 152.4 mm
		EBP	97	Net Weight	12.48 lbs , 5.66 kg
		Xmax	3.2 mm	Shipping Weight	14.66 lbs , 6.65 kg
		Sd	864.6 cm2		
		Xlim	10 mm		

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Vented core
- Pressed steel basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*





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RETRO GT75-8



12"

Guitar Speaker, 8 ohm, Vintage Voiced, 75 Watts, 56oz Ferrite Magnet

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	75 W
Music Program	N/A
Resonance	90.8 Hz
Usable Frequency Range	80 Hz – 4.5 kHz
Sensitivity***	98.6dB
Magnet Weight	67 oz.
Gap Height	0.32", 8.1 mm
Voice Coil Diameter	1.75", 44 mm

THIELE & SMALL PARAMETERS*

Fs	90.8 Hz
Re	6.4 Ω
Le	0.91 mH
Qms	8.8
Qes	0.74
Qts	0.69
Vas	1.65 cu.ft., 46.6 liters
Vd	60.8 cc
Cms	0.116 mm/N
BL	16.67 T-M
Mms	26.5 grams
EBP	122.2
Sd	532.4 cm2

MOUNTING INFORMATION

Enclosure Type	
Sealed	Acceptable
Vented	Acceptable
Driver Volume Displaced	0.071 cu.ft., 2 liters
Overall Diameter	12.25", 311.2 mm
Baffle Hole Diameter	11", 279.4 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.72", 297.7 mm
Depth	5.1", 129.5 mm
Net Weight	9.59 lbs , 4.35 kg
Shipping Weight	11 lbs , 4.99kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Nomex former
- Ferrite magnet
- Standard core
- Pressed steel basket
- Full molded paper cone
- Paper cone edge
- Zurette dust cap





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RETRO GT75-16



12" Guitar Speaker, 16 ohm, Vintage Voiced, 75 Watts, 56oz Ferrite Magnet

SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	12", 305 mm	Fs	90.8 Hz	Enclosure Type	
Nominal Impedance*	16 Ω	Re	13.64 Ω	Sealed	Acceptable
Power Rating**		Le	0.91 mH	Vented	Acceptable
Watts	75 W	Qms	8.8	Driver Volume Displaced	0.071 cu.ft., 2 liters
Music Program	N/A	Qes	0.74	Overall Diameter	12.25", 311.2 mm
Resonance	90.8 Hz	Qts	0.69	Baffle Hole Diameter	11", 279.4 mm
Usable Frequency Range	80 Hz – 4.5 kHz	Vas	1.65 cu.ft., 46.6 liters	Front Sealing Gasket	Yes
Sensitivity***	98.6dB	Vd	60.8 cc	Rear Sealing Gasket	Yes
Magnet Weight	67 oz.	Cms	0.116 mm/N	Mounting Holes Diameter	0.25", 6.4 mm
Gap Height	0.32", 8.1 mm	BL	16.67 T-M	Mounting Holes B.C.D.	11.72", 297.7 mm
Voice Coil Diameter	1.75", 44 mm	Mms	26.5 grams	Depth	5.1", 129.5 mm
		EBP	122.2	Net Weight	9.59 lbs , 4.35 kg
		Sd	532.4 cm2	Shipping Weight	11 lbs , 4.99kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Nomex former
- Ferrite magnet
- Standard core
- Pressed steel basket
- Full molded paper cone
- Paper cone edge
- Zurette dust cap





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RETRO GT30-8



12"


Guitar Speaker, 8 ohm, Vintage Voiced, 50 Watts, 56oz Ferrite Magnet

SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	12", 305 mm	Fs	82.9 Hz	Enclosure Type	
Nominal Impedance*	8 Ω	Re	5.8 Ω	Sealed	Acceptable
Power Rating**		Le	0.73 mH	Vented	Acceptable
Watts	50 W	Qms	13.40	Driver Volume Displaced	0.071 cu.ft., 2 liters
Music Program	N/A	Qes	0.61	Overall Diameter	12.25", 311.2 mm
Resonance	82.9 Hz	Qts	0.58	Baffle Hole Diameter	11", 279.4 mm
Usable Frequency Range	80 Hz – 4.5 kHz	Vas	1.85 cu.ft., 52.4 liters	Front Sealing Gasket	Yes
Sensitivity***	98.8 dB	Vd	64 cc	Rear Sealing Gasket	Yes
Magnet Weight	56 oz.	Cms	0.137 mm/N	Mounting Holes Diameter	0.25", 6.4 mm
Gap Height	0.32", 8.1 mm	BL	17.67 T-M	Mounting Holes B.C.D.	11.72", 297.7 mm
Voice Coil Diameter	1.75", 44 mm	Mms	26.9 grams	Depth	5", 127 mm
		EBP	135.7	Net Weight	8.8 lbs , 3.9 kg
		Sd	519.5 cm2	Shipping Weight	10.31 lbs , 4.67 kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Standard core
- Pressed steel basket
- Full molded paper cone
- Paper cone edge
- Zurette dust cap





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RETRO GT30-16



12"

Guitar Speaker, 16 ohm, Vintage Voiced, 50 Watts, 56oz Ferrite Magnet

SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	12", 305 mm	Fs	82.9 Hz	Enclosure Type	
Nominal Impedance*	16 Ω	Re	13.58 Ω	Sealed	Acceptable
Power Rating**		Le	0.73 mH	Vented	Acceptable
Watts	50 W	Qms	13.40	Driver Volume Displaced	0.071 cu.ft., 2 liters
Music Program	N/A	Qes	0.61	Overall Diameter	12.25", 311.2 mm
Resonance	82.9 Hz	Qts	0.58	Baffle Hole Diameter	11", 279.4 mm
Usable Frequency Range	80 Hz – 4.5 kHz	Vas	1.85 cu.ft., 52.4 liters	Front Sealing Gasket	Yes
Sensitivity***	98.8 dB	Vd	64 cc	Rear Sealing Gasket	Yes
Magnet Weight	56 oz.	Cms	0.137 mm/N	Mounting Holes Diameter	0.25", 6.4 mm
Gap Height	0.32", 8.1 mm	BL	17.67 T-M	Mounting Holes B.C.D.	11.72", 297.7 mm
Voice Coil Diameter	1.75", 44 mm	Mms	26.9 grams	Depth	5", 127 mm
		EBP	135.7	Net Weight	8.8 lbs , 3.9 kg
		Sd	519.5 cm2	Shipping Weight	10.31 lbs , 4.67 kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Standard core
- Pressed steel basket
- Full molded paper cone
- Paper cone edge
- Zurette dust cap





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RETRO SE50-8



12" Guitar Speaker, 8 ohm, Classic Voicing, 50 Watts, 24oz Ferrite Magnet

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	50 W
Music Program	N/A
Resonance	93.6 Hz
Usable Frequency Range	80 Hz – 4.5 kHz
Sensitivity***	97.5 dB
Magnet Weight	24 oz.
Gap Height	0.24", 6.1 mm
Voice Coil Diameter	1.75", 44 mm

THIELE & SMALL PARAMETERS*

Fs	93.6 Hz
Re	6.4 Ω
Le	0.43 mH
Qms	19.53
Qes	0.89
Qts	0.85
Vas	1.5 cu.ft., 42.5 liters
Vd	114.9 cm³
Cms	0.106 mm/N
BL	10.79 T-M
Mms	27.4 grams
EBP	105.8
Sd	532.4 cm²

MOUNTING INFORMATION

Enclosure Type	Acceptable
Sealed	Acceptable
Vented	Acceptable
Driver Volume Displaced	0.071 cu.ft., 2 liters
Overall Diameter	12.25", 311.2 mm
Baffle Hole Diameter	11", 279.4 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.72", 297.7 mm
Depth	5", 127 mm
Net Weight	6.9 lbs , 3.13 kgg
Shipping Weight	8.28 lbs , 3.75 kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Ferrite magnet
- Standard core
- Pressed steel basket
- Full molded paper cone
- Paper cone edge
- Zurette dust cap





EMINENCE®

GLOBAL

Standard

SERIES

International Accessibility
Engineered in the USA

RETRO SE50-16



12" Guitar Speaker, 16 ohm, Classic Voicing, 50 Watts, 24oz Ferrite Magnet

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	16 Ω
Power Rating**	
Watts	50 W
Music Program	N/A
Resonance	93.6 Hz
Usable Frequency Range	80 Hz – 4.5 kHz
Sensitivity***	97.5 dB
Magnet Weight	24 oz.
Gap Height	0.24", 6.1 mm
Voice Coil Diameter	1.75", 44 mm

THIELE & SMALL PARAMETERS*

Fs	93.6 Hz
Re	13.58 Ω
Le	0.43 mH
Qms	19.53
Qes	0.89
Qts	0.85
Vas	1.5 cu.ft., 42.5 liters
Vd	114.9 cm³
Cms	0.106 mm/N
BL	10.79 T-M
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From design and manufacturing to the stage or studio. Once you've experienced the performance of Eminence, you'll never accept anything else.

MISSION STATEMENT

Eminence is dedicated to providing the best Quality, Value and Service to meet our customers' needs.

FOOTNOTES

- * Please consult www.eminence.com or www.eminence.com.cn for specifications of models with alternative impedances.
- ** Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment.
- *** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. 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 | Carver PM-120 amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

Prices, specifications and product cosmetics are subject to change without notice.



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