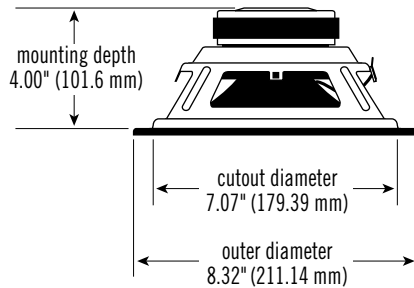


SPECIFICATIONS

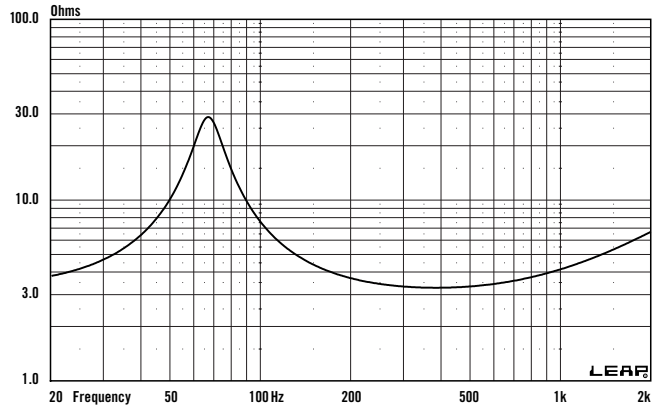
DIAMETER:	8" (0.32 MM)
SENSITIVITY (2.83 V @ 1 m):	90 dB
POWER HANDLING:	300 W _{RMS}
FREQUENCY RESPONSE:	30 Hz ~ 1 kHz
NOMINAL IMPEDANCE:	4 OHMS
VOICE-COIL DIAMETER:	3.0" (76 MM)
DIMENSIONS:	



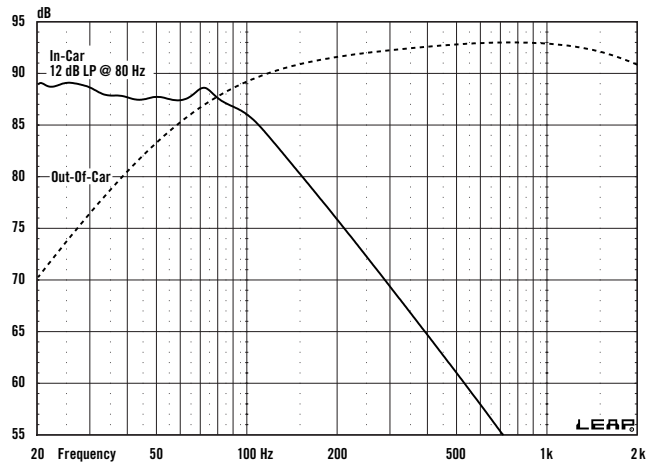
THIELE-SMALL PARAMETERS

VOICE COIL DC RESISTANCE:	R_{EVC} (OHMS)	3.20
VOICE COIL INDUCTANCE @ 1 kHz:	L_{EVC} (MH)	0.49
DRIVER RADIATING AREA:	S_D (IN ²)	32.41
	S_D (CM ²)	210.00
MOTOR FORCE FACTOR:	BL (TM)	10.09
COMPLIANCE VOLUME:	V_{AS} (FT ³)	0.33
	V_{AS} (LITERS)	7.79
SUSPENSION COMPLIANCE:	C_{MS} (μM/N)	124.39
MOVING MASS, AIR LOAD:	M_{MS} (GRAMS)	45.36
MOVING MASS, DIAPHRAGM:	M_{MD} (GRAMS)	43.61
FREE-AIR RESONANCE:	F_S (Hz)	67.00
MECHANICAL Q:	Q_{MS}	4.80
ELECTRICAL Q:	Q_{ES}	0.60
TOTAL Q:	Q_{TS}	0.53
MAGNETIC-GAP HEIGHT:	H_{AG} (IN)	0.28
	H_{AG} (MM)	7.11
VOICE-COIL HEIGHT:	H_{VC} (IN)	0.75
	H_{VC} (MM)	19.05
MAXIMUM EXCURSION:	X_{MAX} (IN)	0.23
	X_{MAX} (MM)	5.97

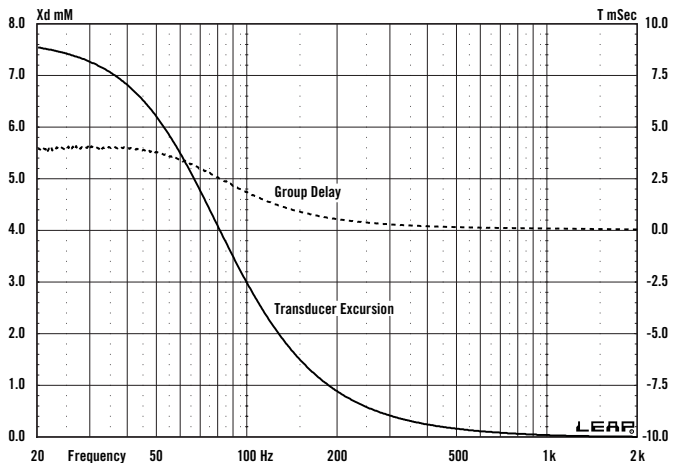
IMPEDANCE CURVE



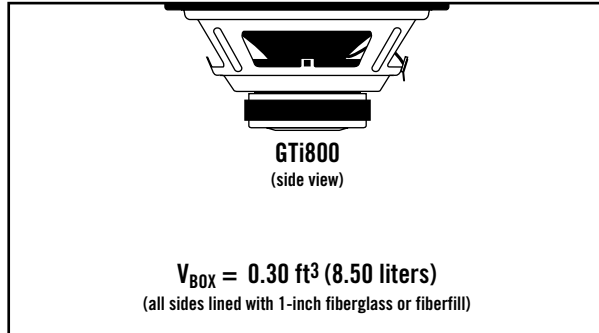
INFINITE Baffle FREQUENCY RESPONSE @ 2.83 V



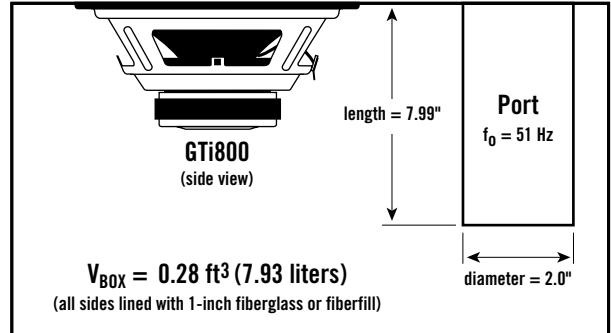
INFINITE Baffle EXCURSION/GROUP DELAY @ 75 W



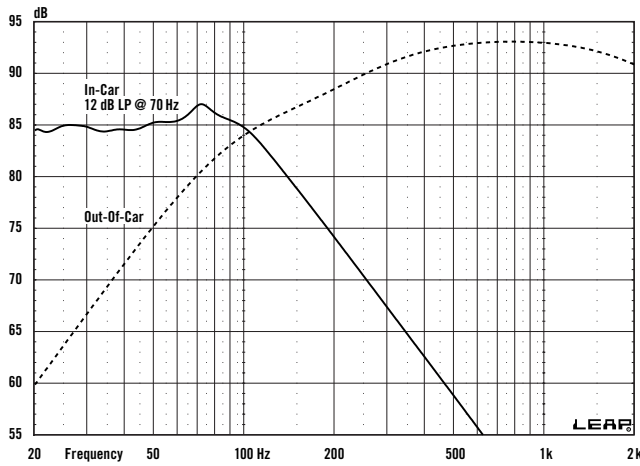
SEALED BOX VOLUME



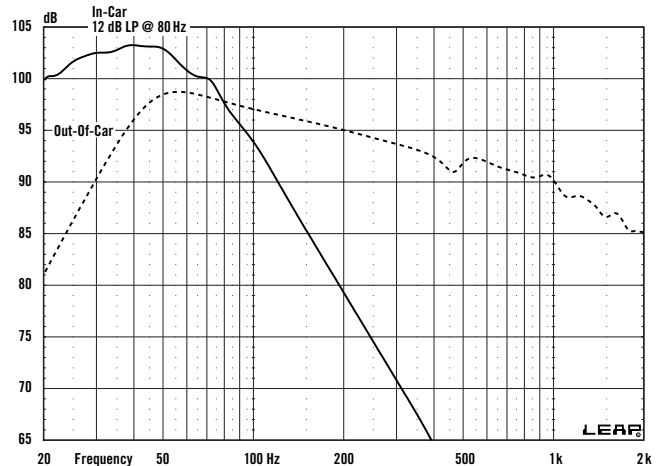
VENTED BOX VOLUME



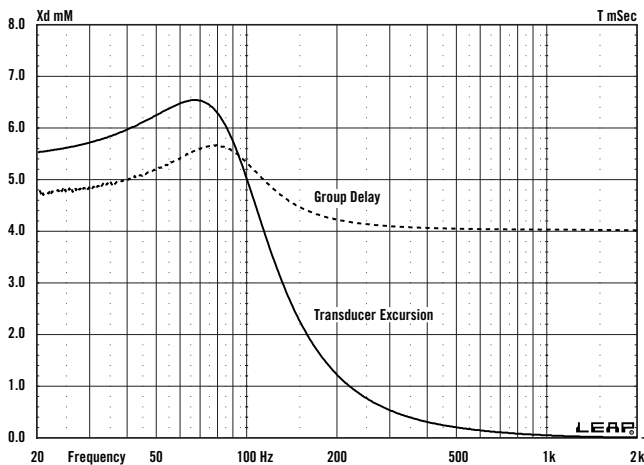
SEALED FREQUENCY RESPONSE @ 2.83 V



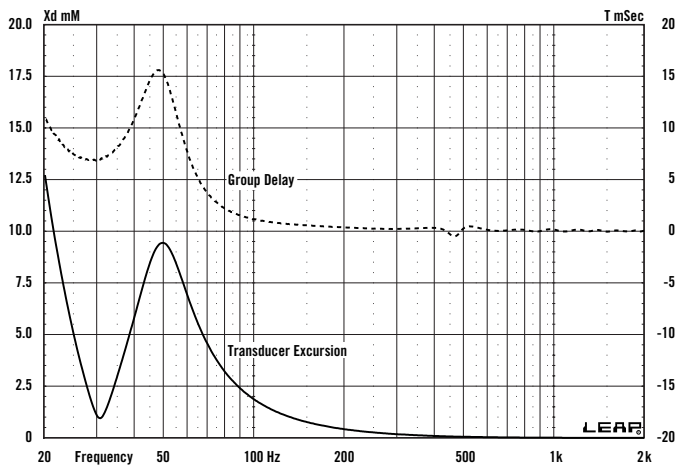
VENTED FREQUENCY RESPONSE @ 2.83 V



SEALED EXCURSION/GROUP DELAY @ 200 W



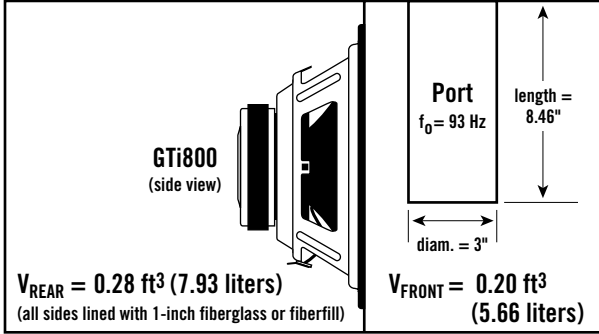
VENTED EXCURSION/GROUP DELAY @ 375 W



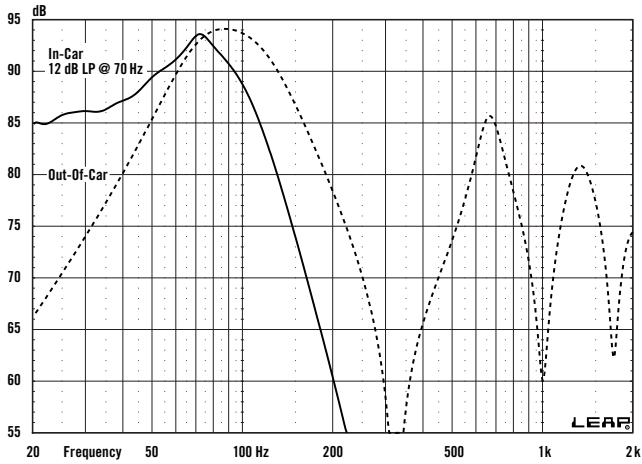


800GTi 8" Woofer – Technical Data

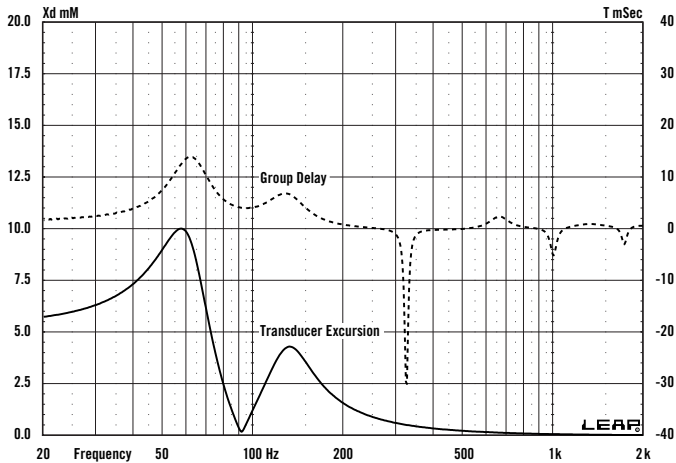
SEALED BANDPASS BOX VOLUME



SEALED BANDPASS FREQUENCY RESPONSE @ 2.83 V



SEALED BANDPASS EXCURSION/GROUP DELAY @ 300 W



NOTES

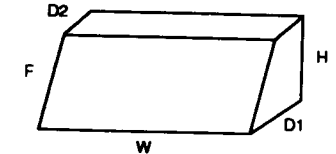
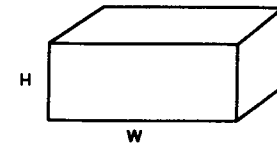


SUGGESTED ENCLOSURES FOR THE JBL 800GTI SUBWOOFER

ENCLOSURE VOLUME	PORT DIAMETER	PORT LENGTH	PORT TUNED FREQ.	*-3dB LOW CUTOFF	**INTERNAL DIMENSIONS	
					RECTANGULAR BOX H x W x D	WEDGE SHAPED BOX H x W x D1 x D2 x F
.75 cu. ft.	3" dual 2"	8.1" 7.7"	50Hz	43Hz	11.4" x 18.4" x 7.0"	9.9" x 16.1" x 12.3" x 6.2" x 11.7"
1 cu. ft.	4" dual 2"	12.5" 6.2"	47Hz	40Hz	12.4" x 20.1" x 7.7"	10.8" x 17.5" x 13.4" x 6.7" x 12.7"
1 cu. ft. Isobarik	3" dual 2"	8.1" 7.7"	43Hz	36Hz	12.4" x 20.0" x 7.7"	10.8" x 17.5" x 13.4" x 6.7" x 12.7"

* Frequency at which speaker's output begins to diminish when measured in an open air environment. Actual in-car frequency response will yield a much lower -3dB point due to the effects of the car's interior.

** Box dimensions are adjusted to allow for the volume displaced by the speaker and the port tubes. Enclosure volumes are net box volumes.



Thiele/Small Parameters Fs: 67 Hz Qts: .533 Vas: .275 cu.ft. Eff: .56% Pe: 300 w Xmax .30" Dia 6.45"

Qes: .60 Qms: 4.8 Re: 3.2 Ohms Le: .49 mh Vd: 9.81 cu. in. Sd: 32.7 sq. in. Nom Z: 4.0 Ohms Min Z: 3.8 Ohms @ 20Hz

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