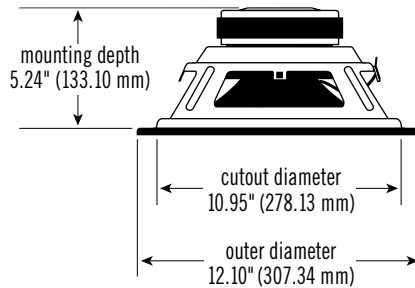


## SPECIFICATIONS

DIAMETER:	12" (304.8 mm)
SENSITIVITY (2.83 V @ 1 m):	93 dB
POWER HANDLING:	250 W <sub>RMS</sub>
FREQUENCY RESPONSE:	30 ~ 500 Hz
NOMINAL IMPEDANCE:	4 OHMS
VOICE-COIL DIAMETER:	2.0" (50.0 mm)

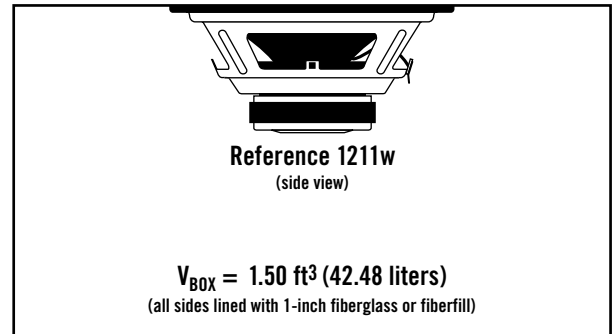
### DIMENSIONS:



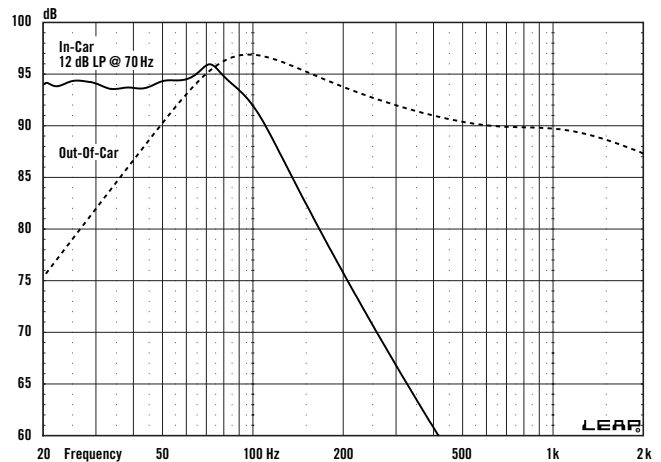
## THIELE-SMALL PARAMETERS

VOICE COIL DC RESISTANCE:	$R_{EVC}$ (OHMS) . . . . .	3.17
VOICE COIL INDUCTANCE @ 1 kHz:	$L_{EVC}$ (MH) . . . . .	1.68
DRIVER RADIATING AREA:	$S_D$ (IN <sup>2</sup> ) . . . . .	78.70
	$S_D$ (CM <sup>2</sup> ) . . . . .	510.00
MOTOR FORCE FACTOR:	$BL$ (TM) . . . . .	10.08
COMPLIANCE VOLUME:	$V_{AS}$ (FT <sup>3</sup> ) . . . . .	5.23
	$V_{AS}$ (LITERS) . . . . .	123.30
SUSPENSION COMPLIANCE:	$C_{MS}$ (μM/N) . . . . .	333.91
MOVING MASS, AIR LOAD:	$M_{MS}$ (GRAMS) . . . . .	61.48
MOVING MASS, DIAPHRAGM:	$M_{MD}$ (GRAMS) . . . . .	54.86
FREE-AIR RESONANCE:	$F_S$ (Hz) . . . . .	35.13
MECHANICAL Q:	$Q_{MS}$ . . . . .	7.31
ELECTRICAL Q:	$Q_{ES}$ . . . . .	0.42
TOTAL Q:	$Q_{TS}$ . . . . .	0.40
MAGNETIC-GAP HEIGHT:	$H_{AG}$ (IN) . . . . .	0.31
	$H_{AG}$ (MM) . . . . .	8.00
VOICE-COIL HEIGHT:	$H_{VC}$ (IN) . . . . .	0.67
	$H_{VC}$ (MM) . . . . .	17.00
MAXIMUM EXCURSION:	$X_{MAX}$ (IN) . . . . .	0.18
	$X_{MAX}$ (MM) . . . . .	4.50

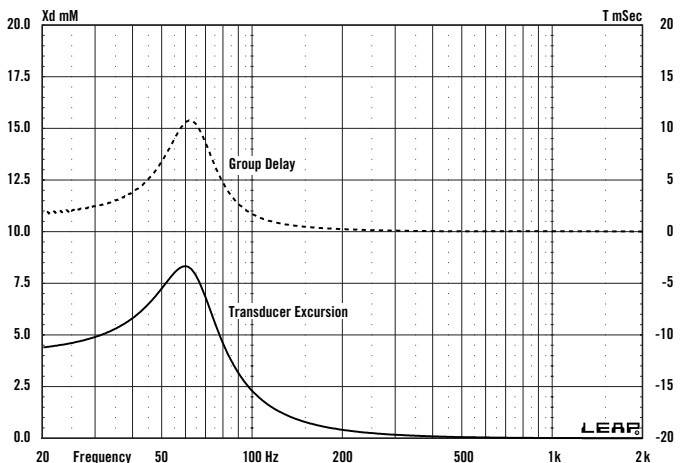
## SEALED BOX VOLUME



## SEALED FREQUENCY RESPONSE @ 2.83 V



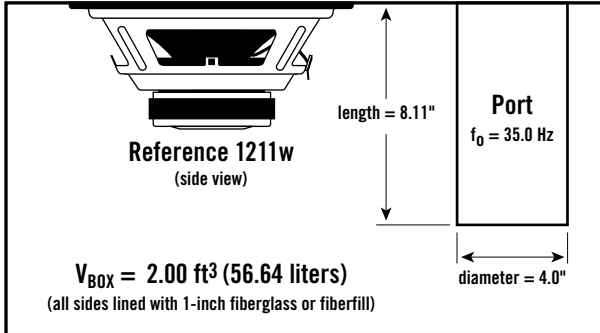
## SEALED EXCURSION/GROUP DELAY @ 250 W



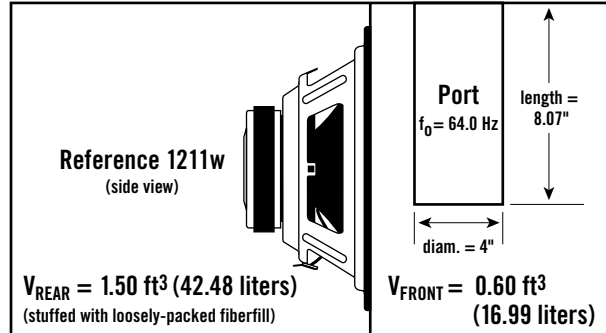
# Infinity *Reference 1211w 12" Woofer – Technical Data*

**CAR AUDIO**

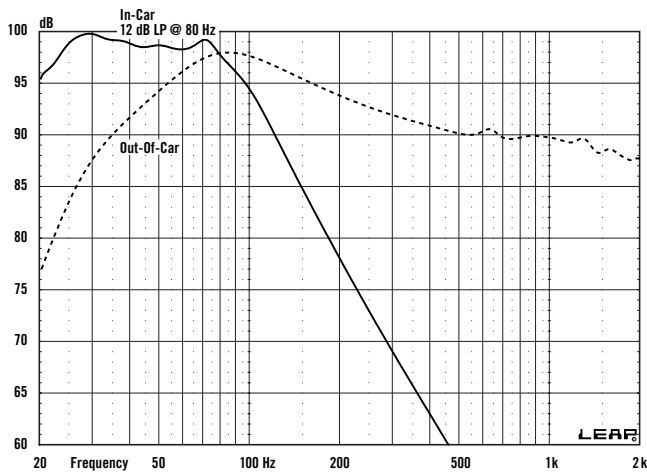
## VENTED BOX VOLUME



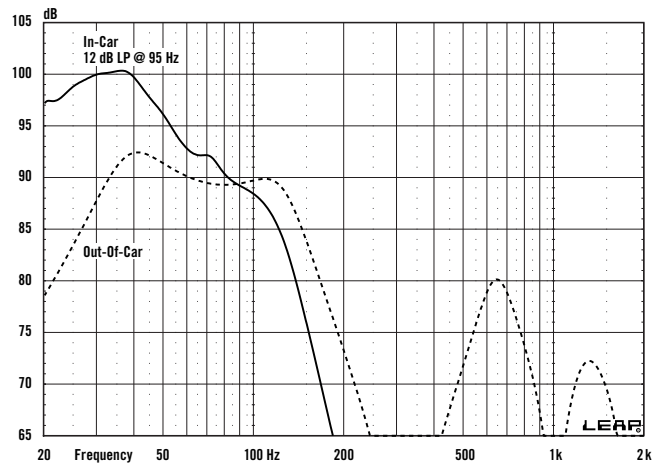
## SEALED BANDPASS BOX VOLUME



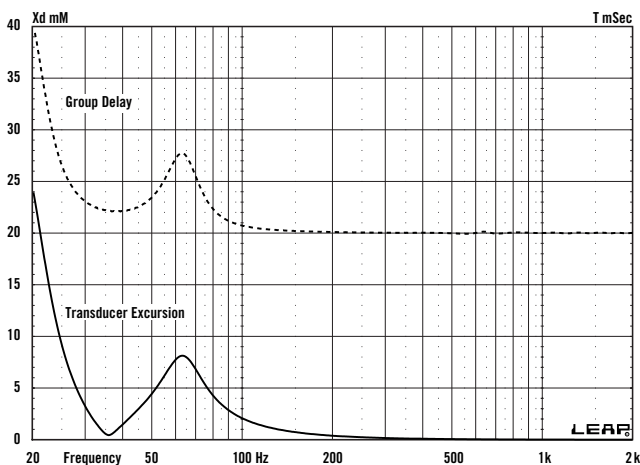
## VENTED FREQUENCY RESPONSE @ 2.83 V



## SEALED BANDPASS FREQUENCY RESPONSE @ 2.83 V



## VENTED EXCURSION/GROUP DELAY @ 300 W



## SEALED BANDPASS EXCURSION/GROUP DELAY @ 225 W

