Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for JBL GTO 1514. You'll find the answers to all your questions on the JBL GTO 1514 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

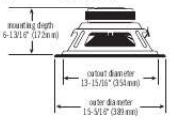
User manual JBL GTO 1514
User guide JBL GTO 1514
Operating instructions JBL GTO 1514
Instructions for use JBL GTO 1514
Instruction manual JBL GTO 1514

JBL

GTO1514 15" Woofer – Technical Data

SPECIFICATIONS

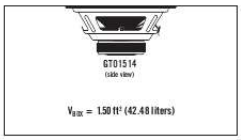
Diameter:	15" (381mm)
Sensitivity (2.83V @ 1m):	93dB
Power Handling:	350W_{RMS} (1400W_{PEAK})
Frequency Response:	23Hz ~ 400Hz
Nominal Impedance:	4 Ohms
Voice Coil Diameter:	2.0" (51.0mm)
Dimensions:	



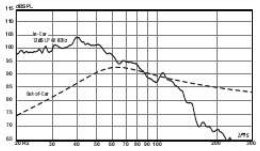
THIELE-SMALL PARAMETERS

Voice Coil DC Resistance:	R_{EVC} (ohms)	3.80
Voice Coil Inductance @ 1kHz:	L_{EVC} (mH)	3.05
Driver Radiating Area:	S_D (in²)	128.7
	S_D (m²)	830.00
Motor Force Factor:	Bl (Tm)	17.13
Compliance Volume:	V_{AS} (ft³)	5.42
	V_{AS} (liters)	153.50
Suspension Compliance:	C_{MS} (µm/N)	156.00
Moving Mass, Air Load:	M_{MS} (grams)	257.00
Moving Mass, Diaphragm:	M_{MD} (grams)	243.00
Free-Air Resonance:	F_S (Hz)	25.10
Mechanical Q:	Q_{MS}	7.08
Electrical Q:	Q_{ES}	0.52
Total Q:	Q_{TS}	0.49
Magnetic-Gap Height:	H_{AG} (in)	0.31
	H_{AG} (mm)	8.00
Voice Coil Height:	H_{VC} (in)	1.45
	H_{VC} (mm)	37
Maximum Excursion:	X_{MAX} (in)	0.57
	X_{MAX} (mm)	14.50

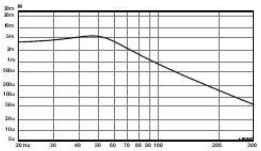
SEALED BOX VOLUME (INCLUDES DRIVER DISPLACEMENT)



SEALED ENCLOSURE FREQUENCY RESPONSE @ 2.83V



SEALED ENCLOSURE CONE EXCURSION @ 350W



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Manual abstract:

. . . . 3.80 VOICE COIL INDUCTANCE @ 1KHZ: L EVC (MH) . . . . .
. . 3.05 DRIVER RADIATING AREA: S D (IN 2) . .
. . . . .
. 128.7 S D (M2) . . . . . 830.

00 BL (TM) . . . . . 17.13 MOTOR FORCE FACTOR: COMPLIANCE VOLUME: VAS (FT3).
. . . . .
. . . 5.42 VAS (LITERS).
. . . . 153.50 SUSPENSION COMPLIANCE: C MS (µM/N) . . . . 156.

00 MOVING MASS, AIR LOAD: M MS (GRAMS) . . . 257.00 MOVING MASS, DIAPHRAGM: M MD (GRAMS) . . . 243.00 FS (HZ) . .
. . . . .
. 25.10 FREE-AIR RESONANCE: MECHANICAL Q: QMS . . .
. . . . . 7.08 ELECTRICAL Q: Q ES .

. . . . . .
0.52 Q TS . . . .
. . . . .
. . 0.49 TOTAL Q: HAG (IN) . . . . . .

. . 0.31 MAGNETIC-GAP HEIGHT: HAG (MM) . . . . . .
. 8.00 VOICE COIL HEIGHT: HVC (IN) . . .
. . . . .
. 1.45 HVC (MM). . . . . .

. . 37 MAXIMUM EXCURSION: XMAX (IN). . . . . .
.0.57 X MAX (MM) . . .
. . . @@.

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