



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for JBL GT5-12. You'll find the answers to all your questions on the JBL GT5-12 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

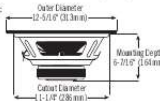
User manual JBL GT5-12  
User guide JBL GT5-12  
Operating instructions JBL GT5-12  
Instructions for use JBL GT5-12  
Instruction manual JBL GT5-12

**JBL** **GT5-12 12" Woofer – Technical Data**


**SPECIFICATIONS**

DIAMETER: 12" (305mm)  
 SENSITIVITY (2.83V @ 1m): 90dB  
 POWER HANDLING: 275W<sub>avg</sub>, 11,000W<sub>peak</sub>  
 FREQUENCY RESPONSE: 27Hz – 450Hz  
 NOMINAL IMPEDANCE: 4 Ohms  
 VOICE-COIL DIAMETER: 2" (51mm)

**DIMENSIONS:**

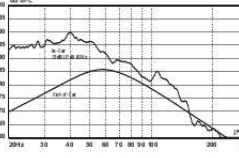


**SEALED BOX VOLUME (INCLUDES DRIVER DISPLACEMENT)**



$V_{box} = 1.00 \text{ ft}^3 (28.32 \text{ liters})$

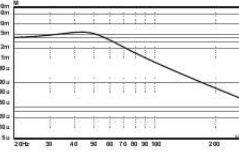
**SEALED ENCLOSURE FREQUENCY RESPONSE @ 2.83V**



**THIELE-SMALL PARAMETERS**

VOICE-COIL DC RESISTANCE:  $R_{EVC}$  (OHMS) ..... 4.00  
 VOICE-COIL INDUCTANCE @ 1kHz:  $L_{EVC}$  (MH) ..... 1.26  
 DRIVER RADIATING AREA:  $S_D$  (m<sup>2</sup>) ..... 82.15  
 $S_D$  (in<sup>2</sup>) ..... 530.00  
 MOTOR FORCE FACTOR:  $Bl$  (Tm) ..... 15.2  
 COMPLIANCE VOLUME:  $V_{AS}$  (ft<sup>3</sup>) ..... 1.9  
 $V_{AS}$  (liters) ..... 54.2  
 SUSPENSION COMPLIANCE:  $C_{MS}$  (mm/N) ..... 135.00  
 MOVING MASS, AIR LOAD:  $M_{ME}$  (GRAMS) ..... 223.00  
 MOVING MASS, DIAPHRAGM:  $M_{MD}$  (GRAMS) ..... 216.00  
 FREE-AIR RESONANCE:  $F_S$  (Hz) ..... 29.00  
 MECHANICAL Q:  $Q_{MS}$  ..... 6.39  
 ELECTRICAL Q:  $Q_{ES}$  ..... 0.64  
 TOTAL Q:  $Q_{TS}$  ..... 0.58  
 MAGNETIC GAP HEIGHT:  $H_{MG}$  (mm) ..... 0.315  
 $H_{MG}$  (in) ..... 0.0124  
 VOICE-COIL HEIGHT:  $H_{VC}$  (mm) ..... 1.43  
 $H_{VC}$  (in) ..... 0.0563  
 MAXIMUM EXCURSION:  $X_{MAX}$  (mm) ..... 0.56  
 $X_{MAX}$  (in) ..... 0.0221

**SEALED ENCLOSURE CONE EXCURSION @ 275W**



Harman Consumer Group, Inc. 230 Crossways Park Drive, Woodbury, NY 11797 • 516.233.6225 • www.jbl.com

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*Manual abstract:*

..... 4.00 VOICE-COIL INDUCTANCE @ 1KHZ: L EVC (MH) .....  
.. 1.26 DRIVER RADIATING AREA: S D (IN 2) ..  
.....  
. 82.15 S D (M2) ..... 530.  
  
00 MOTOR FORCE FACTOR: BL (TM) ..... 15.  
2 COMPLIANCE VOLUME: VAS (FT3) .....  
..... 1.  
9 VAS (LITERS) ..... 54.2 SUSPENSION COMPLIANCE: C MS ( $\mu$ M/N) ...  
  
. 135.00 MOVING MASS, AIR LOAD: MMS (GRAMS) ... 223.00 MMD (GRAMS) ...  
216.00 MOVING MASS, DIAPHRAGM: FREE-AIR RESONANCE: FS (HZ) ....  
..... 29.  
00 MECHANICAL Q: Q MS .....  
  
. 6.39 ELECTRICAL Q: Q ES .....  
... 0.64 TOTAL Q: Q TS .  
.....  
..... 0.58 MAGNETIC-GAP HEIGHT: HAG (IN) ...  
  
..... 0.315 HAG (MM) ....  
..... 8.  
00 HVC (IN) .....  
.... 1.43 VOICE-COIL HEIGHT: HVC (MM) .....  
  
... 36.4 MAXIMUM EXCURSION: X MAX (IN) .....  
.. 0.56 X MAX (MM) ..  
.....  
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