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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

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Manual abstract:

@@If you lack the tools or necessary skills, have your subwoofer installed by an authorized JBL dealer. CHOOSING AN ENCLOSURE WARNING: Playing loud music in an automobile can permanently damage your hearing, as well as hinder your ability to hear traffic. We recommend listening at low levels while driving. @@@@While infinite-baffle mounting of GT Series subs is possible, power handling will be greatly compromised because there's no enclosed volume of air to prevent the speaker's cone from moving past its limit. For this reason, we do not recommend infinite-baffle mounting for GT Series subwoofers. You should choose the enclosure you will use based on the type of music you listen to, how much amplifier power you will use for the subwoofer and how much space inside the vehicle you can devote to a subwoofer enclosure. Because a sealed enclosure provides the most control over the woofer's movement, a woofer mounted in a sealed enclosure will handle more power than a woofer mounted in another enclosure type. @@@@@@@If you are using a small amplifier, a vented box will provide more perceived bass output from less power. Vented enclosures are also well suited to a variety of music types. Because vented enclosures require the volume of the enclosure and the size of the port to have a specific relationship with the characteristics of the woofer, the enclosure must be built exactly to the specifications provided.

While there are some prefabricated vented boxes available, matching a prefabricated box to a particular woofer is difficult. If you wish to use a vented enclosure, we strongly recommend having your authorized JBL dealer build it or verify that your design is correct if you wish to build it yourself. An optimum vented enclosure is always larger than the optimum sealed box for the same woofer and will require more space inside the vehicle.

@@@@@@@@@@@@@@@@@@When designing a subwoofer system, consider the following rules: 1. @@@@@@2.

Most amplifiers deliver exactly the same amount of power bridged into a 4-ohm load as they do driving a 2-ohm stereo load. 3. If you are designing a multiplewoofer system, be sure to configure the woofers so that they each receive the same amount of power from the amplifier. Never connect two identical woofers in series and then connect that pair to another woofer in parallel. @@@@b.

@@w1 2 3 where w is the nominal impedance of the woofer. @@Connecting two woofers in series to the amplifier (8 ohms) Red Positive Red Positive Black Negative Black Negative Red Positive Red Positive Black Negative Black Negative Series connection o Series connection o To Amp Positive To Amp Positive To Amp Negative To Amp Negative Figure 2. Connecting two woofers in parallel to the amplifier (2 ohms) Red Black Positive Red Positive Negative Black Negative Red Positive Red Positive Black Negative Black Negative Parallel Connection of tw Parallel Connection of tw To Amp To Amp Positive Negative To Amp To Amp Positive Negative 3 SPECIFICATIONS GT5-10 Power Handling, RMS Power Handling, Peak Sensitivity (2.83V/1m) Frequency Response Impedance Mounting Depth Cutout Diameter Overall Diameter 250W 1000W 91dB 30Hz – 500Hz 4 Ohms 5-15/16" (151mm) 9-3/16" (233mm) 10-3/8" (264mm) GT5-12 275W 1100W 93dB 23Hz – 450Hz 4 Ohms 6-7/16" (164mm) 11-1/4" (286mm) 12-5/16" (313mm) GT5-15 300W 1200W 96dB 20Hz – 400Hz 4 Ohms 7-5/16" (185mm) 14" (355mm) 15-7/16" (391mm) 10" (250mm) Single 4-Ohm Subwoofer 12" (300mm) Single 4-Ohm Subwoofer 15" (380mm) Single 4-Ohm Subwoofer A valid serial number is required for warranty coverage. Features, specifications and appearance are subject to change without notice. These products are designed for mobile applications and are not intended for connection to the mains. Declaration of Conformity Harman Consumer Group, Inc. @@All rights reserved. @@@@Part No. GT5SUBOM1/08 We, Harman Consumer Group, Inc.

2, route de Tours 72500 Château du Loir France declare in own responsibility that the products described in this owner's manual are in compliance with technical standards: EN 61000-6-3:2001 EN 61000-6-1:2001 Klaus Lebherz Harman Consumer Group, Inc. Château du Loir, France 1/08 www.jbl.com .

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