



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for JBL LCS 1250W. You'll find the answers to all your questions on the JBL LCS 1250W in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual JBL LCS 1250W
User guide JBL LCS 1250W
Operating instructions JBL LCS 1250W
Instructions for use JBL LCS 1250W
Instruction manual JBL LCS 1250W

S u b w o o f e r

Choosing an Enclosure

Loud + Clear subwoofers are optimized to perform best in small, sealed, vented and prefabricated bandpass enclosures. While infinite-baffle mounting of Loud + Clear subs is possible, power handling will be greatly compromised because there will be 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 Loud + Clear subwoofers.

You should choose an enclosure 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 woofer movement, a woofer mounted in a sealed enclosure will handle more power than a woofer mounted in another enclosure type. Sealed enclosures also provide more accurate sonic reproduction than other enclosure types so they are well suited to all types of music. Sealed-enclosure construction is straightforward, and there are many prefabricated sealed enclosures available. An optimum sealed enclosure is always smaller than other types of enclosures optimized for a particular speaker, so it requires the least amount of space inside the vehicle.

Vented enclosures provide better efficiency in the 40Hz–50Hz range, but this efficiency comes at the expense of sound in the lowest octave (below 40Hz) and at the expense of some control and power handling. If you are using a small amplifier, a vented box will provide more 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 to the characteristics of the woofer, they 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 at least 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.

Bandpass enclosures often provide the greatest output available from any amplifier/subwoofer combination, albeit at the expense of sonic accuracy. If sheer SPL (sound pressure level) is what you desire most, choose a bandpass enclosure. Because bandpass-enclosure design is tricky, using a computer and enclosure-design software is necessary. If you are an experienced installer or have some woodworking skill, you may wish to build the enclosure described in the "Specifications" chart in this manual. Fortunately, however, there are many prefabricated bandpass boxes available and they are all optimized to extract the greatest possible output from any woofer. Be aware that bandpass enclosures can be quite large and may require a lot of space inside your vehicle.



[You're reading an excerpt. Click here to read official JBL LCS 1250W user guide](http://yourpdfguides.com/dref/3930256)
<http://yourpdfguides.com/dref/3930256>

Manual abstract:

Subwoofer installation often requires woodworking skills and some experience disassembling and reassembling automotive interiors. If you lack the necessary tools or know-how, have your subwoofer installed by an authorized JBL dealer. You should choose an enclosure 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.

An optimum sealed enclosure is always smaller than other types of enclosures optimized for a particular speaker, so it requires the least amount of space inside the vehicle. Vented enclosures provide better efficiency in the 40Hz-50Hz range, but this efficiency comes at the expense of sound in the lowest octave (below 40Hz) and at the expense of some control and power handling. Vented enclosures are also well suited to a variety of music types.

If you are an experienced installer or have some woodworking skill, you may wish to build the enclosure described in the "Specifications" chart in this manual. Fortunately, however, there are many prefabricated bandpass boxes available and they are all optimized to extract the greatest possible output from any woofer. We recommend listening at low levels while driving.

(28.31 Liters) 1.25 cu. ft.

(42.46 Liters) 3" (76.2mm) 7" (177.8mm) 1.75 cu.

ft. (49.54 Liters) 4" (101.6mm) 10-3/4" (273mm) Enclosure Volume Port Diameter Port Length Bandpass-Enclosure Specifications 1 cu. ft. (28.31 Liters) .7 cu. ft. (19.

82 Liters) 4" (101.6mm) 8" (203.2mm) 1.25 cu. ft. (35.88 Liters) 1 cu. ft. Part No. LC-S1050/1250OM 1/00 RECYCLABLE.



[You're reading an excerpt. Click here to read official JBL LCS 1250W user guide](http://yourpdfguides.com/dref/3930256)
<http://yourpdfguides.com/dref/3930256>