

*Definitive Technology*®  
*The Leader in High-Performance Loudspeakers*®

# BP 10B

Bipolar Loudspeaker

## **Owner's Manual**

### *Congratulations*

Congratulations on your purchase of the Definitive Technology BP 10B Bipolar Loudspeaker System. This revolutionary loudspeaker utilizes state-of-the-art components (cast basket homopolymer-coned bass/midrange drivers, moving coil ferrofluid-cooled pure aluminum dome high frequency radiators, uniphase crossover networks, etc.), a non-resonant monocoque cabinet and unique bipolar (front and rear) radiation in order to achieve the most life-like sound possible in your listening room for many years to come.

### Please Inspect For Shipping Damage

Each loudspeaker leaves our plant in perfect condition. Any visible or concealed damage most likely occurred in handling after it left our plant and should be reported at once to your Definitive dealer or the shipping company which delivered your loudspeaker.

## CAUTION Important Safety Instructions

To reduce the risk of the product inadvertently tipping over, two stabilizer brackets, with mounting screws, have been supplied. These must be installed in the base of the product, in the slots provided.

### Installation Instructions:

Tools required:

Philips screw driver (not supplied)

Parts required:

Two stabilizer brackets (supplied)

Four screws (supplied)

### Instructions:

1. Carefully lay the speaker on its front surface.
2. Place one of the stabilizer brackets in the rear slot provided. (Note: Stabilizer bracket will be flush with bottom of base.)
3. Insert two screws provided and tighten them securely, being careful not to strip out material.
4. Repeat steps #2 and #3 for the other stabilizer bracket.
5. Remove the two supporting feet closest to the stabilizer brackets and thread them into the brass insert in the stabilizer brackets.
6. Carefully return the speaker to the upright position and adjust the glides (supporting feet) to level the speaker.

**Note:** If desired, the four glides (support feet) may be replaced and the four spikes provided may be installed. The four spikes or glides must be fully threaded into the brass inserts on the stabilizer brackets, as well as threaded into the two brass inserts at the front of the speaker enclosure.

## AVERTISSEMENT Mesures de Sécurité Importantes

Pour réduire les risques que le produit se renverse par inadvertance, deux supports stabiliseurs avec vis de montage ont été fournis. Ceux-ci doivent être installés sur la base du produit, dans les rainures appropriées.

### Procédures d'installation:

Outils requis:

Tournevis étoile (non fourni)

Pièces requises:

Deux supports stabiliseurs (fournis)

Quatre vis (fournies)

### Instructions:

1. Coucher soigneusement le haut-parleur sur la face avant.
2. Placer un des supports stabiliseurs dans la rainure appropriée arrière. (Note : le support stabilisateur sera égal au bas de la base)
3. Insérer deux des vis prévues à cet effet et serrer de façon ajustée en prenant garde de ne pas éliminer les parois du matériel.
4. Répéter les étapes #2 et #3 pour l'autre support stabilisateur.
5. Retirer les deux niveleurs (pieds de support) les plus rapprochés des supports stabiliseurs et visser les niveleurs, dans l'encolure de cuivre des supports stabiliseurs.
6. Relever soigneusement le haut-parleur dans sa position fonctionnelle et ajuster les niveleurs (pieds de support) pour égaliser le haut-parleur.

**Note:** Les quatre niveleurs (pieds de support) peuvent être remplacés, si désiré, par les quatre pointes fournies à cet effet. Les quatre pointes doivent être entièrement vissées à même les encolures de cuivre des supports stabiliseurs, et celles sur la façade avant du haut-parleur.

## Connecting Your Loudspeakers

It is critical for proper performance that both speakers (left and right) be connected in proper phase. Note that one terminal on each speaker (the +) is colored red and the other (the -) is colored black. Please make certain that you connect the red (+) terminal on each speaker to the red (+) terminal of its channel on your amplifier or receiver, and the black (-) terminal to the black (-) terminal. It is essential that both speakers be connected in the same way to the amplifier (in phase). If you experience a great lack of bass, it is likely that one speaker is out of phase with the other.

Usually if distortion is heard when the speakers are being driven at loud levels, it is caused by driving (turning up) the amplifier too loud and not driving the speakers with more power than they can handle. Remember, most amplifiers put out their full rated power well before the volume control is turned all the way up! If your speakers distort when you play them loud, turn down the amplifier or get a bigger one.

## "Spiking" Your Loudspeakers

An optional "spiking" kit has been provided should you desire to "spike" your loudspeakers. "Spiking" your loudspeakers will provide greater stability when placing your loudspeakers on carpeting and will also, according to many experts, result in an overall improvement in sonic performance. Care should be taken when using spikes as they may cause damage to wooden or other floors which are susceptible to being scratched. Definitive Technology is specifically not responsible for damage which may result from the use of spikes.

The spike kit contains 4 spikes. To install, unscrew the plastic guides on the bottoms of the speakers. Then screw the 4 spikes into the T nuts. Then (preferably with the help of another person) lift the speaker upright and lower it down to its exact desired position on the floor. You must lower the speaker to the exact position you want because once the spikes are in place you cannot move the speakers sideways on the rug or floor – this may damage the floor or the speakers. Next, adjust the spikes so the speaker sits solidly (and does not rock).

Please note that you can adjust the feet or spikes to tilt the speakers back (front to back approximately 1/2" to 1" higher than rear) for even better sound.

## Speaker Break-In

Your BP 10Bs should sound good right out of the box; however, an extended break-in period of 20-40 hours or more of fairly loud playing is required to reach full performance capability. Break-in allows the suspensions to work in and results in fuller bass, a more open “blossoming” midrange and smoother high frequency reproduction.

## Positioning the BP 10Bs in Your Room

It is important, because of the BP 10B’s unique bipolar (front and rear) radiation pattern, that some simple set-up recommendations be followed in order to assure optimum performance in your room. Please remember that although these recommendations are usually valid, all rooms and listening set-ups are somewhat unique, so do not be afraid to experiment with the speakers. Remember, whatever sounds best to you is correct.

In most rooms the speakers should be placed 6 to 12 inches from the rear wall in order to allow the rear radiated sound to freely reflect off the back wall. Placement closer to the rear wall will increase the bass output while placement further from the rear wall will decrease the bass output.

The speakers should usually be placed 6 to 8 feet apart and kept away from the side walls and corners. A good rule of thumb is to place the speakers separated by one half the length of the wall they are positioned along, and each speaker one quarter the length of the back wall away from the side wall.

Speakers may be angled in towards the listening position or left parallel with the rear wall. Generally, we recommend angling the speakers in which will result in a somewhat brighter, clearer, more detailed sound with a more focused central image. Leaving the speakers parallel with the wall will result in a less bright, more diffuse sound. Try to leave the space on the sides of the speakers as open and as unobstructed as possible so that there will be no interference with the rear radiated sound.

## Technical Assistance

It is our pleasure to offer assistance if you have any questions regarding your BP 10Bs or their set-up. Please contact your nearest Definitive Technology dealer or contact us directly at 410-363-7148.

## Service

Service and warranty work on your Definitive loudspeakers will normally be performed by your local Definitive Technology dealer. If, however, you wish to return the speaker to us, please contact us first, describing the problem and requesting authorization as well as the location of the nearest factory service center. **Please note that the address given in this booklet is the address of our offices only. Under no circumstances should loudspeakers be shipped to our offices or returned without contacting us first and obtaining return authorization.**

Definitive Technology Offices  
11433 Cronridge Drive  
Owings Mills, Maryland 21117  
Phone: 410-363-7148

## BP 10B Specifications

<b>Dimensions</b>	8"W x 12 1/4"D x 42"H
<b>Frequency Response</b>	20 Hz – 30 kHz
<b>Efficiency</b>	90 dB
<b>Nominal Impedance</b>	Compatible with 8 ohm outputs.
<b>Driver Complement</b>	Two 25 mm moving coil aperiodic pure aluminum dome tweeters and two 17 cm mineral-filled homopolymer-coned cast-magnesium basket bass-midranges
<b>Recommended</b>	
<b>Associated Amplification</b>	20 – 300 watts/channel
<b>Weight</b>	60 lbs. each

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## **Limited Warranty: 5-Years for Drivers and Cabinets, 3-Years for Electronic Components**

Definitive Technology warrants to the original retail purchaser only that this Definitive Technology Loudspeaker Product (the "Product") will be free from defects in materials and workmanship for a period of five (5) years covering the drivers and cabinets, and three (3) years for the electronic components from the date of the original purchase from a Definitive Technology Authorized Dealer. However, this warranty will automatically terminate prior to the expiration of five (5) years for the drivers and cabinets and three (3) years for the electronic components if the original retail purchaser sells or otherwise transfers the Product to any other party. The original retail purchaser shall hereinafter be referred to as "you."

Defective Products must be shipped, together with proof of date of purchase, prepaid insured to the Authorized Dealer from whom you purchased the Product, or to the nearest factory service center. Product(s) must be shipped in the original shipping container or its equivalent; in any case the risk of loss or damage in transit is to be borne by you. If, upon examination at the Factory or a Definitive Technology Authorized Dealer, it is determined that the unit was defective in materials or workmanship at any time during this Warranty period, Definitive Technology or the Definitive Technology Authorized Dealer will, at its option, repair or replace this Product at no additional charge, except as set forth below. All replaced parts and Product(s) become the property of Definitive Technology. Product(s) replaced or repaired under this Warranty will be returned to you, within a reasonable time, freight collect.

*This Warranty does not include service or parts to repair damage caused by accident, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage in excess of the rated maximum of the unit, cosmetic appearance of cabinetry not directly attributable to defects in materials or workmanship, or service, or repair or modification of the Product which has not been authorized by Definitive Technology. Definitive Technology makes no Warranty with respect to its Products purchased from dealers or outlets other than Definitive Technology Authorized Dealers. This Warranty is in lieu of all other expressed Warranties. If this Product is defective in material or workmanship as warranted above, your sole remedy shall be repair or replacement as provided above. In no event will Definitive Technology be liable to you for any incidental or consequential damages arising out of the use or inability to use the Product, even if Definitive Technology or a Definitive Technology Authorized Dealer has been advised of the possibility of such damages, or for any claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation may not apply to you.*

*All implied warranties on the Product are limited to the duration of this expressed Warranty. Some states do not allow limitation on how long an implied Warranty lasts, so the above limitations may not apply to you. This Warranty gives you specific legal rights, and you also may have other rights which vary from state to state.*



**This product complies with the essential  
requirements of the EMC directive 89/336/EEC.**