

# VB-125-LR

380 mm (15 inch)

## Vented Bass Reproducer



### Introduction

Until now, vented box cabinets have usually presented the user with unpalatable compromises. If the box were optimally tuned to the characteristics of a particular driver, then it would be difficult to use that box with another, different driver at a later date. In order to get around this, speaker designers developed cabinets which were tuned to a more general, all encompassing set of specifications; hoping the box would be usable in a greater number of circumstances. All they got was a cabinet which sounded mediocre, most of the time. Eastern Acoustic Works has solved this problem by developing an innovative, interchangeable tuning assembly which allows a single cabinet to be used with most of the commercially available bass drivers, while providing optimum performance and response for each of those drivers.

### Construction

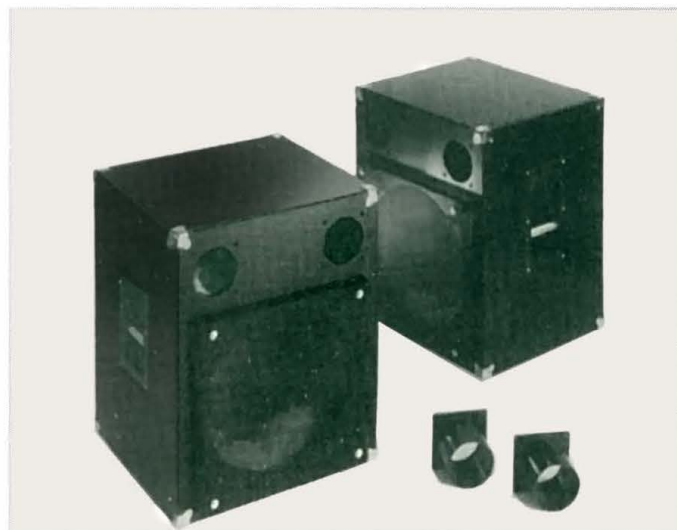
Our cabinet construction is simple in appearance, meticulous in nature. The use of cross-grain, laminated birch with 18 plies to the inch, is unusual for this industry. Most manufacturers use four ply woods or particle board for the exterior, seriously diminishing the strength to weight ratio, and increasing the likelihood of troublesome panel resonance. The possibility of chipping or shattering of the exterior surfaces is sharply reduced through the use of these seemingly expensive materials.

Internal design is equally as impressive. Inside surfaces are lined with 3½ inch damping material in order to absorb reflections. In addition, internal bracing minimizes vibrations, even at high drive levels.

If the need to change drivers should ever arise, use of the supplied hardware and quick change clamp assures a fast, efficient conversion. Extra protection is derived from the standard, heavy, perforated steel speaker grilles. And, to insure that the cabinet is available for immediate use, the recessed input plates carry both banana terminals and ¼ inch jacks. Optional 15 amp twist lock connectors are readily available.

Recessed handles and "roadie" type corners are standard features. Wheels are available at your option.

The two component, catalyzed black polyurethane finish is scuff, moisture and solvent resistant. A considerable improvement over the lacquers normally utilized for this purpose.



VB-125

### Applications

#### VB-125

The VB-125 is a 4.0 cubic foot box intended for use with a single 15 inch driver. Due to its response capability of 38-3,000Hz, the VB-125 can be used on stage or in a studio bass guitar system. It would also be appropriate for low frequency, near field PA bass applications, as well as for providing solid low end for Disco and playback systems.

### Specifications

	VB-125-PRO	VB-125-LAB
Driver:	RCF PRO L15/542	RCF LAB L15/P200
Application:	Bass Guitar & Sound Reinforcement LF	Sub-Woofer
Frequency Response:	40 to 3,000 Hz	30 to 1,000 Hz
Sensitivity:	98 dB SPL	96 dB SPL
Reference Efficiency:	3.65%	2.2%
Usable Low Frequency Limit (-10 dB):	35 Hz	25 Hz
Power Handling		
Sine Wave:	150 w	300 w
AES Standard:	375 w	750 w
Directivity Factor (Q):	5	5
Impedance:	8 ohms	8 ohms
Enclosure Volume:	4.0 cu. ft.	4.0 cu. ft.
Dimensions:	24.5" H x 20" W x 18" D	