

# *sage*

## ELECTRONICS®

HIGH-END HANDCRAFTED MIC PREAMPS, MICROPHONES & DI BOXES

### **SE – BB1™**

bova ball ~ electret condenser microphone

### MINI HANDBOOK

and

### WARRANTY

### Contents

FORWARD

CONTACT INFO

COPYRIGHT NOTIFICATION / PRODUCT IDENTIFICATION

PRODUCT FEATURES / SPECS

WARRANTY

Thank you for purchasing your **SE-BB1™** electret condenser mic(s) ~ your **bova ball(s)**. It's always challenging to make the right decision when buying gear for one's recording or live set up. We're glad to have this opportunity for you to own and use some sage gear and hope you will be too.

The **SE-BB1** is a unique and elegantly simple condenser mic. It is awesome as a drum overhead, hi-hat or percussion mic, or on anything requiring extreme transient detail.

Designed by record producer / studio designer Phillip Victor Bova and hand-constructed for commercial, project and home studios as well as touring producers, engineers and live sound pros ~ the **SE-BB1™** bova ball will appeal to those who require a great sounding, ruggedly constructed and striking mic at an affordable price.

The **SE-BB1's on-access** pick up pattern sounds a lot like an omni which very gracefully transitions to an increasingly directional **off-axis** response characteristic.

Due to it's unusual spherical shape, small capsule, high SPL capability and graceful pickup pattern ~ the **SE-BB1™** captures extreme transient detail from high decibel sources such as drums, cymbals, percussion and acoustic instruments - beautifully.

If you use it near anything that generates wind such as vocals or very closely miked drums you should use a nylon pop filter ... as is typical for most omni mics.

**SE-BB1™ bova balls** are very versatile. We (at [bova sound](#)) and our [clients'](#) have used them on almost every kind of instrument including drums, percussion, guitar, piano and vocals.

In general we find SE-BB1s display an almost complete absence of the cross-diaphragm comb-filtering effect commonly heard when using large diaphragm microphones to record moving objects such as crash and splash cymbals or vocalists who move around a lot ...

These mics can handle very high levels ~ so don't be afraid to put 'em close !

The **SE-BB1** was designed by sage ELECTRONICS founder and builder ~ Phillip Victor Bova.

please contact us at;

*sage*

ELECTRONICS®

54 Mulvagh Avenue, Ottawa, ON, Canada K2E 6M6

(613) 228-0449 phone / fax

[sage@sageelectronics.com](mailto:sage@sageelectronics.com)

[www.sageelectronics.com](http://www.sageelectronics.com)



SE - BB1™ electret condenser microphone

The material contained in this handbook consists of information that is the property of sage ELECTRONICS® and is intended solely for use by the purchasers of the equipment described in this handbook. sage ELECTRONICS® expressly prohibits the duplication of any portion of this handbook or the use thereof for any purpose other than the operation and / or maintenance of the equipment listed in this handbook without their express written consent. Under copyright laws, this handbook may not be duplicated in whole or in part without the written consent of sage ELECTRONICS®.

**SE-BB1™ and bova ball™** are trademarks of sage ELECTRONICS®. Serial numbers are located on the rear and / or inside band of each unit. We suggest that you record your serial number(s) in the space(s) provided below. Refer to it / them whenever you contact us ~ or an authorized repair service.

Features and specifications subject to change without notice.

© August 2005, sage ELECTRONICS®

All rights reserved.

Serial

---

---

---

---

Purchase Date:

---

Purchased From:

---



## PRODUCT FEATURES / SPECS

**SE - BB1™** ~ a **bova ball™** ~ a spherically mounted condenser mic

- high-intensity, small-diaphragm electret condenser capsule
- all discrete class A transformer-less electronics
- active balanced output
- hand-selected, precision-matched components
- hand-wired and assembled
- pickup pattern omni at low frequencies gradually transitioning to directional with increasing frequency ~ ie: very graceful change from on-axis to off-axis pickup
- dimensions / weight: 4" diameter / 2.0 lbs
- maximum sound pressure >140 decibels
- output connector: 3 pin XLR type
- output impedance: 100 ohms balanced
- power requirements: 48 V phantom
- robust vintage-style solid brass hardware
- precision Manfrotto ball and socket mechanism for versatile positioning
- a stunningly open-sounding microphone ~ effective as a drum overhead, hi-hat or percussion mic, or on anything requiring extreme transient detail at high SPL
- designed and manufactured (by hand) in Canada
- all modules subject to burn-in period - for maximum reliability
- one year warranty

SE - BB1™ electret condenser microphone

# WARRANTY

sage ELECTRONICS® warrants its products to be free from defects in material and workmanship under normal use and service for a period of one (1) year from the date of purchase. This warranty extends only to the original purchaser. This warranty does not apply to fuses, lamps, batteries, cables, or any products or parts that have been subjected to misuse, neglect, accident, or abnormal operating conditions.

In the event of failure of a product under this warranty, sage ELECTRONICS® will repair in Canada, at no charge, the product returned to its factory. sage ELECTRONICS® may, at its option, replace the product in lieu of repair.

This limited warranty covers failures due only to defects in materials and workmanship which occur during normal, intended use and does not cover damage which occurs in shipment or failures which are caused by products not supplied by sage ELECTRONICS®. This limited warranty does not cover failures which arise from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, improper adjustment, alteration or modification of product, incompatibilities, line-power surges, acts of God, or service performed by anyone other than sage ELECTRONICS® or its authorized agent.

If the failure has been caused by misuse, neglect, accident or abnormal operating conditions, repairs will be billed at the normal shop rate. In such cases, an estimate will be submitted before work is started, if requested by the customer.

## LIMITS AND EXCLUSIONS

There are no express warranties except as listed above. sage ELECTRONICS® shall not be liable for special, subsequent, incidental, consequential, or punitive damages, including, but not limited to: damage to recordings, microphones, mixing consoles, or any associated equipment, downtime costs, loss of goodwill, or claims of any party dealing with purchaser for such damages resulting from the use of this product. All warranties, express and implied, including the warranties of merchantability and fitness for a particular purpose are limited to the applicable warranty period set forth above

Some provinces / states do not allow the exclusion or limitation of incidental or consequential damages, or length of time an implied warranty remains in effect. As such, the above exclusions may not apply. This warranty gives you specific legal rights and you may also have other rights which can vary from province to province ~ state to state.

Should your sage ELECTRONICS® product require service or repair please email us at: [sage@sageelectronics.com](mailto:sage@sageelectronics.com) or call us at (613) 228-0449 ~ with the following information:

- \* **your name**
- \* **your return shipping address**
- \* **your telephone number(s)**
- \* **your product's model number (example: SE-BB1-)**
- \* **your product's serial number (located inside band or unit)**
- \* **date and location of purchase**
- \* **description of problem or the service required**

Upon sage ELECTRONICS®' receipt of the above information from you we will provide you with your return authorization number. From this point we ask that you please;

- ▶ **pack your unit carefully.** Use your original packing if possible. If you do not have the original packaging, make sure your unit has adequate protection. Tight thick bubble wrap and foam is best if you do not have the original packing
- ▶ **include a note in the box** describing your problem or the service that your unit requires. Be sure to **include your return authorization number** on this note
- ▶ **write your return authorization number on the outside of your package / carton** packages without a return authorization number will be returned to sender
- ▶ **Customer is responsible for paying shipping and insurance to sage ELECTRONICS® facility.** sage ELECTRONICS® will pay the return freight and insurance via FEDEX or UPS ground or Canada Post.

end