

**Congratulations on the purchase of your Barcus-Berry Model 5600,
a dedicated electret microphone system for harmonicas.**

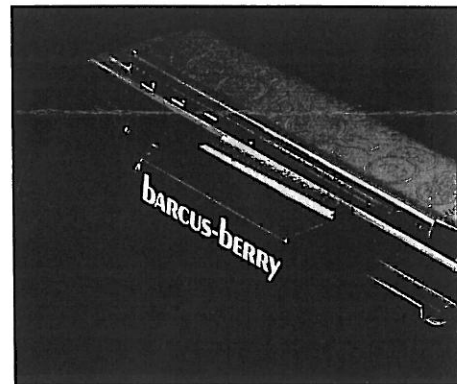
The Model 5600 employs proprietary patented technology developed by Barcus-Berry, Inc. The microphone can be quickly attached to and removed from the comb of any harmonica. The configuration, size, and weight of the sensor make its presence unobtrusive both in use and appearance. The Model 5600 is responsive to the total frequency spectrum of all harmonicas and has been designed to provide accurate reproduction of the traditional harmonica sound. In addition, it exhibits superb dynamic range and transient response while providing excellent signal isolation together with a high degree of feedback rejection. Because of these outstanding features, sound quality is virtually uninfluenced by such factors as variations in acoustical environment and ambient noise level. The system is suitable for both sound reinforcement and direct-feed recording applications.

Important

Before you begin, please check the contents within this box to insure that included are:

1. A Barcus-Berry electret microphone with micro connecting plug and dual lock attachment strip.
2. Extra "dual lock" attachment strips for microphone.
3. A Barcus-Berry 3000 Piezo Buffer Preamp with EQ.
4. Belt clip (with dual-lock fastening strip affixed) for quick attachment to mating strip on power supply.
5. One-set of rubber feet (four each).
6. Installation Instructions for Model 5600.

If any of these items are found to be damaged or missing, immediately contact the Barcus-Berry dealer from whom the unit was purchased.



BARCUS-BERRY 5600 INSTALLATION INSTRUCTIONS

Operation

Once the microphone has been installed on the instrument, it can be plugged into the 3000 Piezo Buffer Preamp with EQ and any connecting cord with 1/4" phone plugs can be used to interface the system with standard high impedance inputs of 10K ohms or more. The 3000 utilizes a 9V battery and has volume, treble and bass controls. Access for replacement of the battery, when necessary, is obtained by removing the screws which retain the chassis cover.

Note: When removing any adhesive from an instrument, care must be taken so as not to damage the finish of the instrument.

Specifications for the 3000 Piezo Buffer Preamp with EQ

Input (EQ Flat)

Input Interface = RCA unbalanced
Input Impedance = 2.2 Meg Ohms
Maximum Input Level = 2.0 vrms

Output (EQ Flat, Volume Max)

Output Interface = 1/4" unbalanced
Output Impedance = 2K Ohms
THD = .008% @ 1kHz
Noise = -92dBu
S/N = 100dB
Bass = +/- 12dB @ 50Hz
Treble = +/- 12dB @ 10kHz
Frequency Response = 5Hz - 30kHz (+/- 1dB)

Power Supply

Power Source = 9 Volts @ 380 microamps
Battery Life = Approximately 1,000 hours

Made In The U.S.A.

This Barcus-Berry product is manufactured at the company's Huntington Beach, California plant. It is designed to satisfy the most rigorous demands of the professional musician and the precision manufacturing techniques employed provide assurance of long-continued, trouble-free service. For outstanding performance and dependability, you can always rely upon BARCUS-BERRY — the world's leading name in musical instrument transducers, pickups and microphones.

Limited Warranty

This Barcus-Berry product is warranted for a period of one (1) year from the date of purchase against defects in workmanship and parts.

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