

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 = 100dBu
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 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.

BARCUS-BERRY®

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Woodwind & Brass System

INSTALLATION INSTRUCTIONS

for

WOODWIND & BRASS TRANSDUCER SYSTEM

model no.

∞ C5200 ∞

BARCUS-BERRY®

True Expression

Congratulations on your purchase of the C5200 Barcus-Berry Electret Mic System for Woodwind and Brass Instruments

This model has been specifically engineered for use with saxophone and clarinet, but is not limited to these instruments. It is ideal for both ensemble and solo applications. The microphone itself utilizes an exclusive Barcus-Berry design which offers superior audio performance, and the adhesive mounting makes attachment to or removal from quick and easy. The system has wide-band frequency response, excellent dynamic range, and provides clean, faithful reproduction of the acoustic sound.

Important

Before you begin, please check within the box to insure that it contains the following items:

- (A) • One (1) Barcus-Berry Barcus-Berry dedicated electret microphone pickup for woodwind and brass instruments
- Extra adhesive strips for microphone.
- (B) • One (1) Barcus-Berry 3000 Piezo Buffer Preamp with EQ.
- One set of rubber feet (four each).
- Attachable belt clip with “dual lock” fastening strips.
- Installation Instructions for Model C5200.

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



Installation

Remove the protective paper covering from the pickup. The following will provide you with recommended starting points for positioning of the microphone. Critical placement on any given instrument may require a slight variation as to mounting location, but the instructions given here can be expected to produce excellent results for quick attachment in most instances.

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

Alto/Tenor Sax - Position the microphone on the backside of the bell (between the bell and the keys) just below the flair of the bell.

Soprano Sax - Position the microphone on the backside of the instrument, one inch below the thumbrest and slightly to the right of the center.

Clarinet - Position the microphone on the backside of the lower section, four inches below the thumbrest.

Harmonica - 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.

Operation

Once the microphone has been attached, it can be plugged into the 3000 Piezo Buffer Preamp with EQ with the furnished cable. 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 wrap around the chassis cover.