

~1455-3, 1457, 1457XL~

*Acoustic Guitar
Transducers*

BARCUS-BERRY®

True Expression

Made in the U.S.A.

This Barcus-Berry product is manufactured in the United States. 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 on Barcus-Berry.

*T*he Barcus-Berry INSIDER and OUTSIDER are professional quality, high-performance transducers designed for mounting within or on any flat-top acoustic (steel string) or classic (nylon string) guitar. Installation of the pickup can be easily and quickly accomplished without altering either the appearance of acoustic sound or the instrument. The broad-spectrum frequency coverage, superb dynamic range and excellent transient response of the INSIDER and OUTSIDER make it an ideal pickup choice whenever accurate reproduction of

the true, natural sound is required for either reinforcement or direct-feed recording applications. The transducer is fully shielded against the hum pickup, has excellent feedback rejection and provides a high-level output signal with sufficient amplitude for direct connection to virtually any musical instrument amplifier or portable sound reinforcement system.

All Barcus-Berry products are designed and manufactured to satisfy the most exciting demands of rigorous professional use; precise yet rugged construction pro-

provides assurance of long-continued service. For outstanding performances and dependability, you can always rely upon Barcus-Berry, the world's leading name in musical instrument transducers.

Installation for the 1455-3 Insider

TO INSTALL THE TRANSDUCER:

The bottom surface of the INSIDER is covered with a special foam strip adhesive by which it may be affixed to the inner surface of the guitar top. To make this installation, first loosen the strings on the guitar so that access to the inside of the instruments is possible through the sound hole. Peel the protective paper covering from the adhesive strip. Then insert the pickup into the instru-

into the instrument through the soundhole and position it parallel to and directly beneath the bridge (immediately in front of the string pins), pressing the sticky surface of the pickup firmly against the inner surface of the guitar top.

TO INSTALL AND CONNECT THE OUTPUT JACK:

Tools required:

(1) 16" to 18" length of 1/4" diameter rod (e.g. wooden dowel)

5/16" screwdriver

9/16" open-end wrench

PROCEDURE

- 1) Remove the label from the body of the Fas-Jac.
- 2) Unscrew and remove the end cap from the Fas-Jac.
- 3) Remove the end pin from the guitar and drill a 1/2"

diameter hole through the end block where the Fas-Jac is to be installed.

4) Insert the 1/4" diameter rod into the guitar through the hole in the end block until visible through the sound hole.

5) Push the rod into the Fas-Jac and pull the Fas-Jac through the end block until it is stopped by the nut threaded onto the body of the Fas-Jac.

6) Measure the length of the exposed Fas-Jac threads visible on the outside of the guitar. The length of the exposed threads must measure at least 1/8" (but not more than 5/32"). If the exposed length is not correct,

push the Fas-Jac back into the guitar until accessible through the sound hole and adjust the position of the nut on the body of the Fas-Jac. Pull the Fas-Jac back through the end block and re-measure the length of the exposed threads. If necessary, repeat this procedure until the proper length of threads is exposed through the hole in the end of the block.

7) Slip the end cap over the rod and screw onto the Fas-Jac until finger tight.

8) Remove the rod from the Fas-Jac.

9) Place an open-end wrench over the end cap and

tighten the cap while holding the body of the Fas-Jac with a screw driver inserted into the slot in the end of the Fas-Jac.

INSTALLATION PROCEDURES FOR THE 1457 & 1457XL OUTSIDER

Parts supplied:

- (1) "Outsider" pickup with adhesive mounting strip attached
- (1) Output jack with adhesive pad attached

- (6) Adhesive mounting strips for the transducer
- (3) Adhesive mounting strips for output jack
- (1) Instruction sheet

The transducer is affixed to the top of the guitar by means of a special foam strip which has pressure-sensitive adhesive on both sides. The pickup, as delivered from the factory, has one of these adhesive strips already applied to it. To install the transducer on your instrument, simply peel the protective paper covering from the adhesive strip, position the pick-

the pickup beneath the strings, (parallel to and immediately adjacent to the front edge of the bridge) and press firmly against the top of the guitar. The output jack assembly is similarly affixed to the instrument body at any convenient location.



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.

For complete warranty information or more information on Barcus-Berry, visit **www.barcusberry.com**.