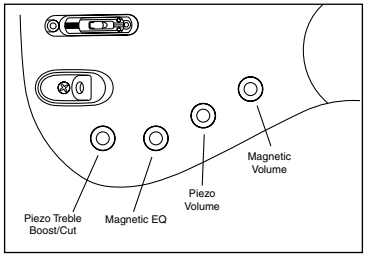
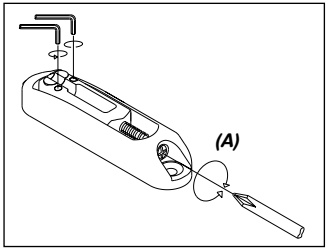
EQ Controls

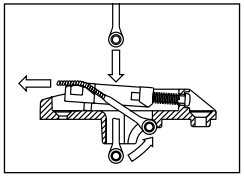
The EQA-PZ system has separate EQ circuits for both the Magnetic Pickup and the Piezo Pickup. The Magnetic EQ Circuit boosts both the bass and treble frequencies simultaneously with a single control knob. The Piezo Pickup EQ Circuit is a 2-band EQ circuit and features a Treble EQ knob on the body and a Bass EQ trim pot inside the control cavity. The Bass EQ trim pot is designed for "set and forget" use. Turning the trim clockwise boosts the bass frequencies. Turning the trim counterclockwise cuts the bass frequencies.



MONO-RAIL II w/Fishman® Piezo

Mono-Rail II w/Fishman® Piezo bridges allow the bass strings to be isolated fro one another by using independent bridge plates for each string. the strings are installed by lowering the ball end into the bridge and hooking the ball end below the string catch at the rear of the bridge. Intonation adjustments can be made by adjusting the intonation screws (A) at the rear of the bridge clockwise to move the saddle back, and counter clockwise to move the saddle forward.



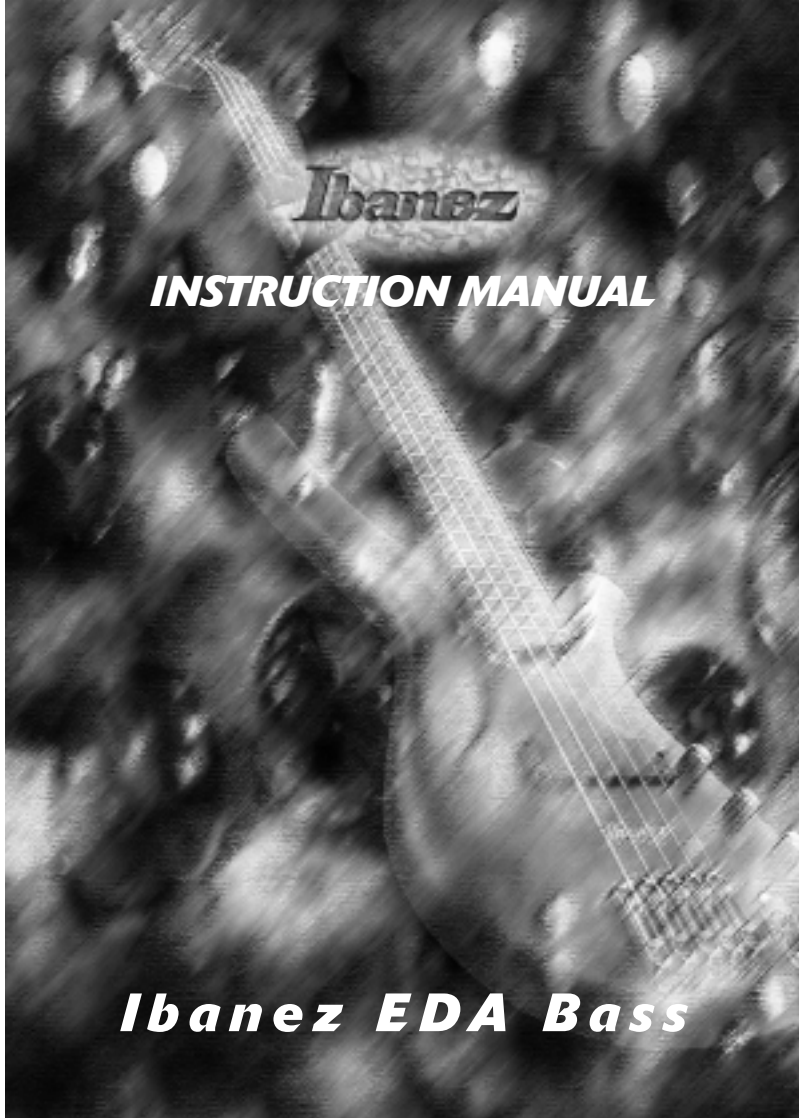


Ibanez

CE

This is to certify that the aforementioned equipments fully conform to protection requirements of the following EC council directives.
DIRECTIVES : 89/336/EEC Electromagnetic compatibility

Printed in KOREA JAN01393

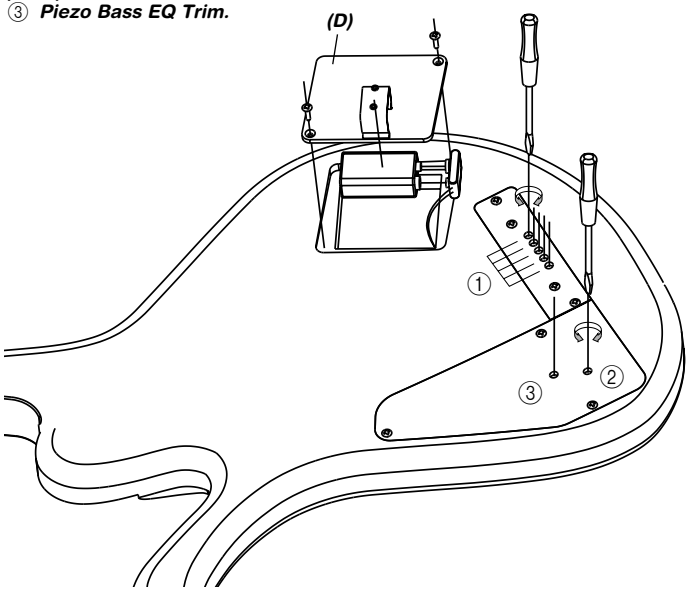


E Q A - P Z S y s t e m

The EQA-PZ system was designed to allow bassists to achieve various sound possibilities by combining a magnetic pickup with the FISHMAN® Piezo-equipped Mono-Rail Bass Bridge.

In addition to the Piezo Volume Knob and the Piezo Treble EQ Knob on the surface of the instrument, advanced adjustments can be fine-tuned by utilizing the following trim pots located inside the control cavities:

① Piezo Sensitivity Trims for individual string outputs.
② Piezo Output Trim to balance the master piezo signal with the magnetic pickup.
③ Piezo Bass EQ Trim.



<u>Battery</u>
The battery should be changed when the volume becomes low or the sound becomes distorted. Use a new 9-volt alkaline (not lithium or carbon) battery. The battery is stored inside control cavity (D). Inserting a plug into the jack activates the power supply. Be sure to disconnect the cord when the bass is not in use; this will prevent the battery from draining.

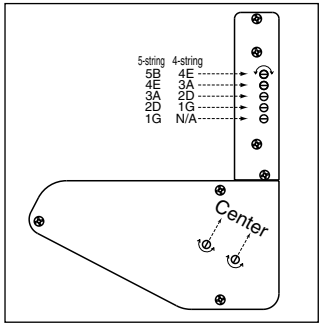
<u>Piezo Sensitivity Adjustments</u>
The piezo pickup responds to individual string vibrations. However, different string gauges and player techniques can cause individual string outputs to sound uneven. To handle these variations, the EQA-PZ system allows the piezo pickup sensitivity for each string to be adjusted so string-to- string output levels can be properly balanced.

1) Set the Piezo Volume Knob all the way up and the Piezo Treble EQ Knob to its center position. Internally adjust the Piezo Bass EQ trim ③ to the center.

2) Using a small screwdriver, adjust the Piezo Sensitivity Trims ① individually to balance the output level of each string.

3) Turning the Trim Pot clockwise will increase the output level. Turning the Trim Pot counterclockwise decreases the output level.

Note: If one string seems to have less output, adjust that string's trim pot all the way up, then turn the rest of trims counterclockwise to balance the output level.



<u>Balancing The Piezo Signal Output Level With The Magnetic Pickup.</u>
To utilize both the magnetic pickup and piezo pickup sounds, the piezo output level can be adjusted by a Trim Pot ②.

1) To determine output level of the Magnetic Pickup, set the Magnetic Pickup volume at 10, the Magnetic EQ at center and the Piezo Volume at 0. If needed, adjust the overall height of the Magnetic Pickup.

2) After the Magnetic Pickup height is determined, turn the Magnetic Pickup Volume back to 0 and the Piezo Volume up to 10, and then listen to the output level balance of both pickups.

3) If the Magnetic Pickup output level is louder than the piezo, turn the Piezo Output Level Trim clockwise to increase the signal output level. To decrease the piezo signal output level, turn the trim pot counterclockwise.