



Omni Bass Instructions

Boomerang Strap



Attachment to the Instrument - The large, thin washer should be placed between the instrument and the hub (failure to use the washer can damage the surface of the instrument). Insert the attachment screw into the threaded insert on the back of the instrument. Use a 4 mm hex wrench, flat screwdriver, or coin to tighten the screw. The hub should be held firmly but still be able to rotate.



Adjusting Pivot Friction - To adjust the arm friction, tighten or loosen the two hex screws in the hub. The screw closest to the long arm should generally be tightened more than the other screw, to provide more friction on the long arm. The hex wrench can be stored in the hole in the ends of the tubes, but care must be taken to insure that the hex wrench is not positioned where it will scratch the instrument when the arms are moved.

Arm Positioning - Rotate the arms into position for use, and attach conventional guitar style strap to the ends of the arms. Place strap over the shoulder like a guitar, and adjust the position of arms and

rotation of the hub to the desired position for play. The instrument should remain in position.



Arms in Playing Position



In Use

CONTROLS

Knob 1 – Volume

Knob 2 – Tone (clockwise for full treble, counter-clockwise to cut treble.)

Switch – Up for Arco Mode (for optimal bowed and percussive plucked sound).

Down for Pizzicato Mode (for optimal plucked, sustained sound).

The **Polar™ pickup** allows the player to control attack and decay parameters. Pizzicato Mode is for a smooth attack and long decay, Arco (percussive) Mode is for massive attack and relatively fast decay. Note that the full bow response can only be achieved in the Arco Mode.

PASSIVE ELECTRONICS

This is a passive system, so it does not require batteries, and therefore has unlimited headroom for dynamic, distortion-free response. The large piezo crystal sensors are powerful, and provide plenty of level for most amps. However, the output impedance is high, and may not match well with amps that are designed for magnetic coil (electric guitar) pickups. Amps with 1 meg ohm or greater input impedance are recommended. The symptom of poor impedance matching is reduced bass response. In this case a direct box, or external preamp, may be required for optimal performance.

TRUSS ROD

To play well, the surface of the fingerboard should not be perfectly straight, but rather it should have a slight downward curve (dip) from end to end. The truss rod which is built into the neck allows adjustment to the degree of curvature. Use 6 mm inch hex wrench. Access is just below the nut. Clockwise rotation decreases relief. Counterclockwise rotation increases relief.

STRING HEIGHT

Adjust bridge height with Phillips head screws under the bridge, accessible through the back plate.

STRING REPLACEMENT

NS Omni Bass strings by D'Addario are recommended for "acoustic" sound. The Omni Bass also accommodates most long scale bass guitar strings. Round wound strings are recommended for brighter, more "electric" sound.

ATTACHING STANDARD ACOUSTIC DOUBLE BASS STRINGS

To install standard acoustic strings, thread the strings through the holes in the body from the back, then wrap the strings around the end of the instrument and hook the ball ends into the key holes in the back plate. The strings are then threaded into the tuners in the normal manor.

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