

PRODUCT MANUAL

BASS MASTER PRO SYSTEM

This state of the art double bass system combines a four-head piezo transducer with a wing mount system and a dual-channel preamp.

The four-head transducer component harmonizes very well with jazz bass because its transmission band includes very high and very low frequencies. The high frequency transmission ensures a clean amplification of the finger attack of the picked bass. The low frequency amplification refers to the desired “bassy” sound picture.

The wing mount transducer consists of two piezo elements in layered sandwich design. It provides rich harmony reproduction for both arco and pizzicato playing. Its sound characteristics display a more pronounced mid range and thus perfectly complete the ideal double bass sound spectrum.

The third component of the system is the dual channel preamplifier. Each transducer component can be adjusted individually. The convenient belt clip unit allows fast access to the external volume controls. The unit also provides internal sound adjustment with trim pots: Bass and treble controls +/- 20 dB as well as gain for both channels separately. This allows customized adjustment for each instrument.

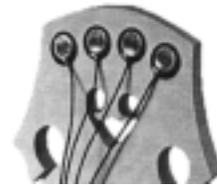
INSTALLING THE PICKUPS

The Quad-Head Bridge Pickup

Attach the pickup discs with the double-sided adhesive tape provided, following the supplied instructions. Attach the pickup heads in the spaces underneath the strings, facing the fingerboard (see photo).

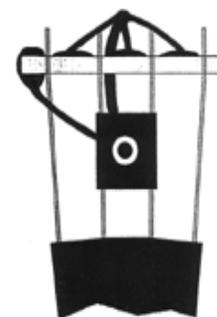
Make sure that the cables between the pickup and the jack do not touch the instrument or they could

cause vibration disturbance. If you have to remove a pickup disc, do not pull it off by the wire or bend the transducers. This will void the warranty! Use a sharp knife with a thin blade and rub off the old adhesive with your thumb.



The Wing pickup

You can attach the wing transducer on either side of the bridge. We recommend trying the low string (E string) side first. If the slot is too narrow, **DO NOT FORCE THE PICKUP INTO THE SLOT! YOU WILL BREAK THE PIEZO CERAMIC ELEMENT AND VOID THE WARRANTY!** For the right fit, you may have to remove some material from the lower part of the bridge. You'll achieve best results with a snug fit. If the slot is too big, please insert some cardboard or veneer to build it up.



JACK INSTALLATION

Clamp the jack with its mounting plate between the A and D string behind the bridge (see illustration, right).

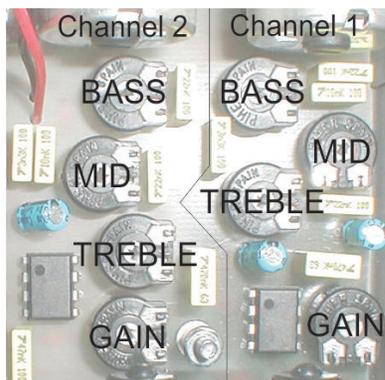
PREAMP ADJUSTMENT AND FINAL SETUP

Install a 9-volt battery in your preamp in the designated space. Remove the snap-off lid. There is no need to undo any screws to remove the lid, it simply snaps off. **Important: Please do not tamper with the screw on the bottom of the preamp!**

There is a diagram on the inside of the lid with the internal tone and gain controls. In the box you will find a little screwdriver for the adjustment of the trim pots. Connect the supplied stereo cable from the pickup into the preamp input. Plug the preamp into your amplification system at a linear setting.

Now adjust the gain with the trimpot of each individual channel until both pickups are equally loud. Adjust the bass and treble trim pots to your preference. Close the box and you are ready to go.

Unplug the output cable at the mixer after usage to shut off battery!



*Channel 1: Wing Transducer
Channel 2: Quad/Bridge Transducer*

TECHNICAL DATA

Four-Head Transducer: 3/4" Head Diameter
Wing: 22 mm Diameter / Thickness 5 mm
Preamp Dimensions: 3" x 3.5" x 1"
Input Impedance: 1 MegOhm
Output Impedance: 10 KOhm
Input: Stereo 1/4"
Output: 1/4"
Power: 9-volt battery
Supplied with Stereo Connection Cable

All K&K products are designed, assembled and packaged in USA using mainly US and European components. Thanks again for choosing K&K.