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GOLDEN TRINITY SYSTEMS FOR UPRIGHT BASS

This condenser microphone is especially designed for bass. It adds a breath of fresh air to your bass and any pickup for a full, clear, and accurate double bass sound for live performance and recording.

The *Golden Trinity System* is available in four configurations:



1. *Golden Trinity Upgrade System* (as pictured) - Designed to integrate with your existing pickup, this system includes a 1/4" phone plug ready to be plugged into your present pickup.
2. *Golden Trinity Bass Max System* - A Bass Max wing pickup is integrated with the *Golden Bullet URB* Mic.
3. *Golden Trinity Double Big Twin System* - *Double Big Twin's* four transducers are combined with the *Golden Bullet URB* Mic.

Each of the above systems include a three conductor string-mounted jack, connecting cable, and the Trinity

Dual-Channel Preamp, which powers the mic and provides complete EQ and volume for each channel.

4. The *Golden Bullet URB* is also available separately. Its active control box supplies power to the microphone and operates on a 9-volt battery or phantom power.

The *Golden Trinity Mic's* six-inch flexible gooseneck allows you to place the microphone in the most favorable spot for delivering the best sound of your double bass. Its unidirectional nature helps to avoid feedback and bleed from other instruments.

The two-channel preamplifier lets you adjust the volume of the mic and pickup separately. Internal overall gain trim controls allow adjustments to equalize the volume from both sides, with +/-20db two-channel EQ for the mic, and three-band control for the pickup. Both mixed and individual mic outputs are provided. A belt clip makes access to the preamp very convenient.

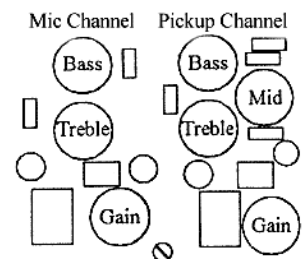


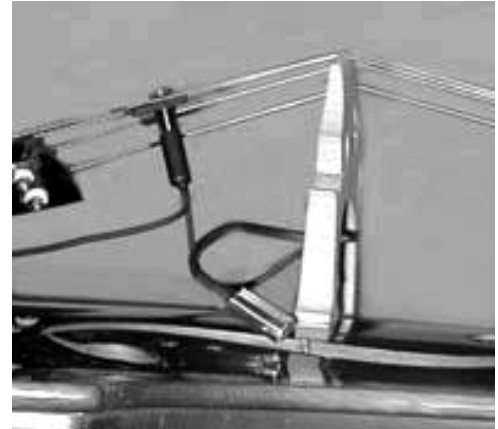
Diagram : Internal features of 2-channel Pre-Amp

Installation:

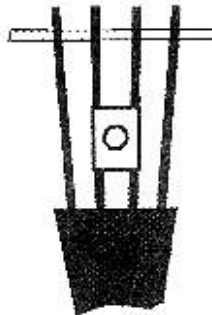
The mic is supplied with a piece of 3M Dual Lock for mounting on your bridge. Cut a piece from the supplied Dual Lock material, the same length as the folded piece attached to the mic gooseneck, and, leaving the adhesive backing piece in place, attach it to one side of the Dual Lock on the mic mount.

Since each bridge is different, the best placement should first be determined. You may wish to place the adhesive piece on the inside or on the bottom of the leg of the bridge. Before you remove the protective strip, use both hands to temporarily hold it in place and adjust the mic gooseneck.

Once you have found the best location, remove the protective strip and press the adhesive against the bridge. The bridge surface should be clean and clear of any rosin for the best results. Our testing has shown that a good location for the mic is on the G-string side of the bass, with the mic at an angle towards the F-hole, as shown in the photograph. Direct aim at the sound hole is not recommended. Of course, the gooseneck allows you to try a wide range of positions.



Note: Tight bass cases (bags) may snag on or move the mic. If necessary, you may wish to place another piece of Dual Lock elsewhere on your bridge to temporarily relocate the mic when you pack the bass.



Jack Installation:

Put the mounting plate between any two pairs of strings as shown in the illustration. Make sure all cables are placed so they do not vibrate against the bass or each other.

Upgrade Model:

A 1/4" phone plug is wired to the jack; it is available to be plugged into the jack from your other pickup. If you are using the mic by itself, secure the cable so it doesn't vibrate or damage your bass.

Trinity Bass Max or Double Big Twin Systems:

A separate instruction manual is enclosed for the pickup that is integrated with your system. Refer to it for the installation and operating instructions for that particular transducer system.

Using the Golden Trinity Preamp:

Remove the screw and remove the lid to install a 9-volt battery. A diagram of the controls inside the preamp is on the back of the cover. The tiny trimmer controls can be adjusted using the small screwdriver conveniently supplied inside the preamp. Some set-up time and patient experimentation will give you the best results. We recommend that you either have someone else play your instrument, or position the speaker close to your ear, for precise listening; it is virtually impossible to accurately set controls if you are hearing the acoustic sound from your bass.

The two Gain trimmers are designed to let you equalize the volumes of both the mic and preamp, so the external volume controls positions give you the same amount of volume in the same positions. This preamp is very powerful; if you get distortion from overloading your amplifier's input, reduce the gain trimmer level.

Each channel has tone controls; they have a very wide +/-20db range. Use a light touch, because a tiny tweak can make a dramatic change. Start in the middle of the trimmer's travel and make small adjustments, to taste as necessary. After experience helps you find the best settings, we recommend you leave the settings in place and make adjustments at your amplifier to compensate for new stage and room conditions.

The Golden Trinity Preamplifier has two output jacks; the MAIN output is a mix of both the mic and pickup channels, with the MIC output delivering only the Microphone signal.

Technical Data:

Preamp: 3"x3.5"x1.25"

Pickup channel input impedance: 1 MegOhm

Output impedance: 10K ohms

Input: Stereo 1/4" Outputs: 1/4"

Power: 9-volt battery

Supplied with stereo connecting cable