

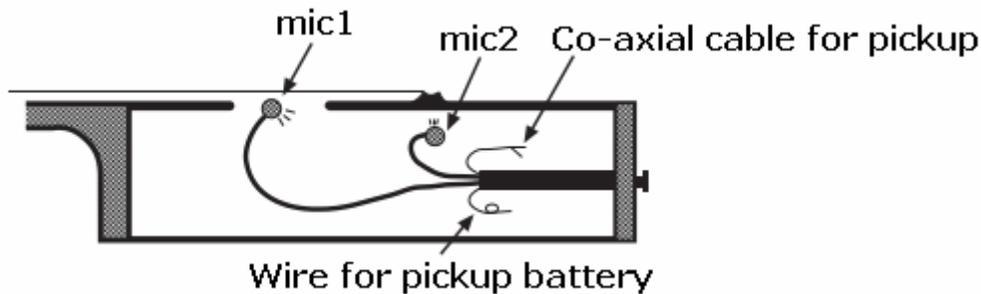
MiniFlex 2Mic: Support Documents

Mounting Instructions: MiniFlex Model4 – 2Mic

Note: Detailed installation videos for certain models are available at www.miniflexmic.com/support.

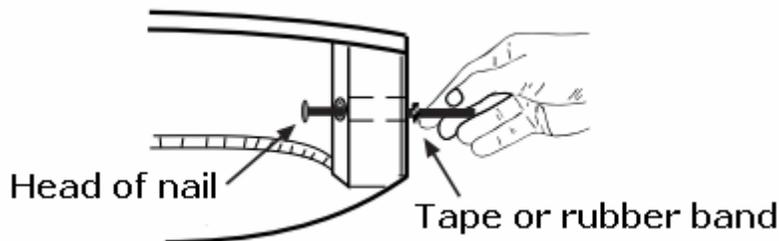
Part A: Introduction

The Model 4 has two microphones mounted on separate goosenecks that are connected to a single endpin-output jack. Once mounted into the tailblock, the microphones will be suspended inside the guitar. One mic should be positioned near the soundhole, and the other mic approximately underneath the bridge. A white dot on the windscreen (and a bump beneath the windscreen) indicates the active direction of each mic. Mic placement for the 2Mic is not nearly as critical when compared to single mic systems. However, as a guitarist, you should feel free to experiment with different mic placements to find the best amplified sound quality.



Step 1: Measure the Tailblock Thickness

The diagram below shows a nail being used as a measuring tool. The head of the nail is being drawn against the inside edge of the tailblock – with the head of the nail being used as a “stopper”. A rubber band or a piece of tape is then used to mark the outside edge of the guitar. You will be transferring this measurement to the stop nut and jack in the next step.



Step 2: Stop Nut Adjustment

Bind together using tape the stop nut and the toothed washer to the barrel of the jack – so that these can turn together. Using the nail from Step 1, adjust the stop nut/washer on the barrel of the jack to match the thickness of the tailblock.

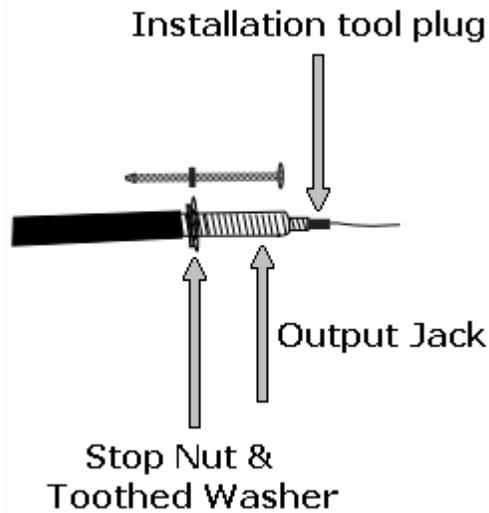


This is done so that:

- § The jack will be securely mounted to the guitar
- § The end of the jack passes through the strap nut so that the plug from an output cable will fully engage the jack.

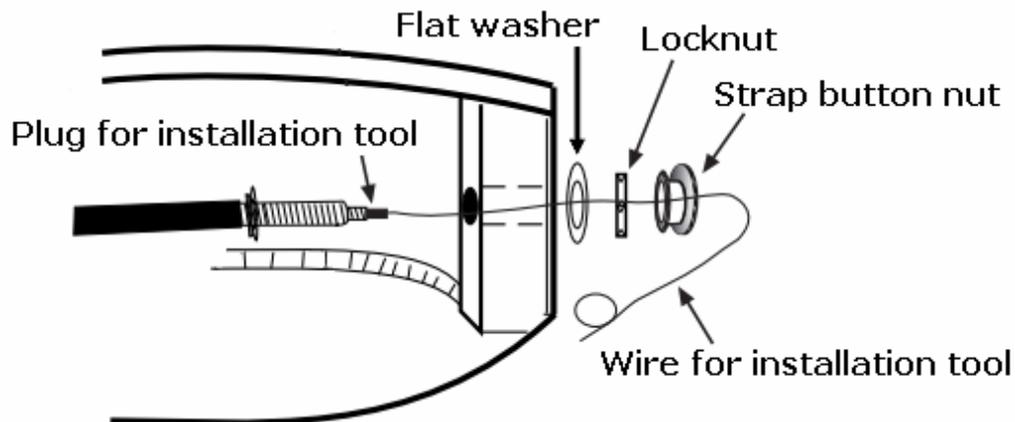
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Step 3: Installation Tool

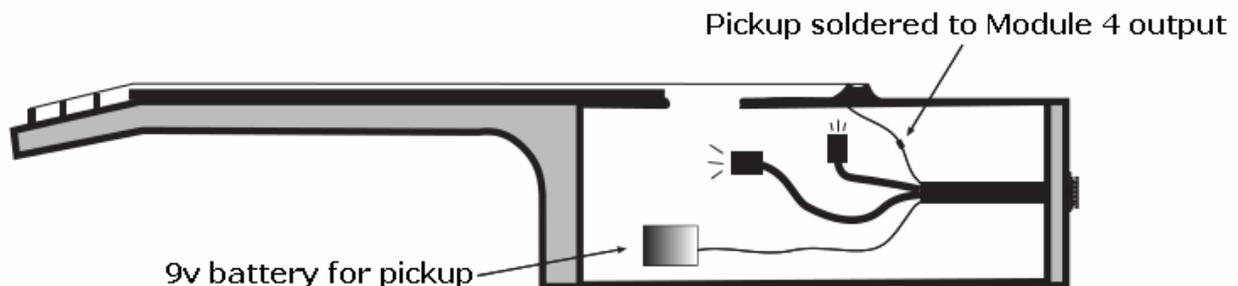
As shown in the following diagram, the installation tool that is included with your MiniFlex 2Mic shows the 2Mic endpin output jack being installed into the tail block of a guitar using the installation tool as a guide.



Note: If your MiniFlex2 Mic comes with batteries, please save this tool for use later when changing the batteries!

Part B: Connecting the Pickup

The following diagram shows the Model 4 connected to a separate pickup. The output of the pickup is soldered to the black co-axial that is connected to the 2Mic. Solder tip to tip, and shield to shield. The pickup will now be connected to the ring terminal of the output jack.



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Note: If the pickup has a battery, the switch wire for this battery can be soldered to the black wire extending from the 2mic assembly. This will permit the endpin-output jack of the 2Mic to act as a switch for turning the pickup battery "on".

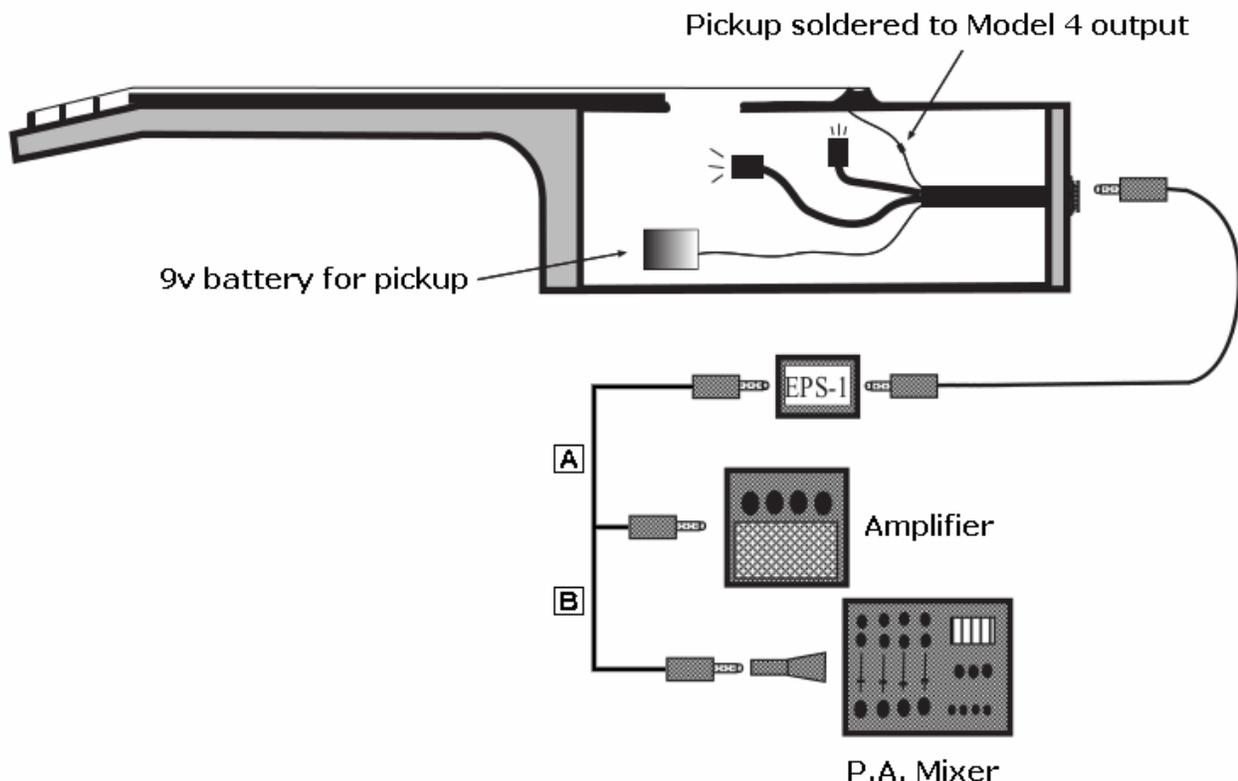
Part C: Reversing the Wiring for the Output Jack

To reverse wiring of the endpin-output jack so that the pickup output will be on the tip of the jack, follow these instructions:

1. Uncoil the grey wire that extends from the Model 4 2Mic assembly and cut this wire so there are two equal lengths. This grey wire is a co-axial cable for the 2Mic output.
2. Solder the side of the grey wire that has the white shrink tubing marker to the black co-axial cable which extends from the 2mic assembly (solder tip to tip and shield to shield). This will connect the 2mic output to the ring terminal of the endpin-output jack.
3. Solder the output cable of the pickup to the side of the grey co-axial cable without the white shrink marker. This will connect the pickup to the tip terminal of the endpin-output jack.

Part D: Connecting to an Amp or Mixer

Note how the mono output cable from the EPS-1 can plug directly into a guitar amp at [A], or into a mic input on a P.A. mixer at or an acoustic amp [B] – using the 1/4" - XLR adapter.



Note: The 1/4" – XLR adapter is provided free with the Model 4 to connect the EPS-1 to the mixer.

Part E: Additional Information

1. Batteries

The EPS-1 Power supply of the Model 4 is powered by one AA battery located inside the EPS-1 power supply. We recommend changing the battery once a year. The input and output of the EPS-1 both use standard mono guitar cables. The output jack of the EPS-1 acts as a switch to turn the AA battery on when a plug is inserted into this jack. There is also an optional belt clip available for the EPS.

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2. P.A. Systems

§ A high quality P.A. system will provide the best possible sound quality and feedback control with your 2Mic. For most P.A. systems, use the "line input" with a standard 1/4" mono guitar cable. Or you can use the 1/4" – XLR adapter into the mic input or snake.

3. 1/4" – XLR Adapter

§ This included adapter permits plugging your 2Mic to low impedance XLR inputs, which may improve performance through some amplifiers, and some P.A. systems, and especially when using a snake.

4. EQ and Effects Devices

§ The Model 4 is compatible with many AC or battery operated guitar effects devices. Adding EQ capacity – graphic or parametric, is always helpful.

5. Direct Boxes

§ A direct box will help when plugging into a P.A. snake, and replace the 1/4" – XLR adapter.

6. Guitar, Bass and Keyboard Amps

§ The Model 4 will work with most combo amplifiers, but the sound quality and feedback control will not be as good compared to using a P.A. system or high quality acoustic amp.

7. Feedback

§ The Model 4 will deliver more volume before feedback than any single mic system. But, feedback can sometimes occur when the 2Mic is used in small rooms, through electric guitar & bass amps, or when played at extremely high volumes – rock band sound levels. All microphones, including the 2Mic need lots of air, a high quality P.A. system and a good room to perform best. For extremely high volume situations, consider the MiniFlex Model 4 that may combine with a separate pickup on the guitar.

8. Warranty

§ For the original owner – every MiniFlex Microphone has a 30 day money back guarantee, a one year unconditional warranty, and a limited lifetime warranty – with a nominal charge for repair or replacement.

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Patents: 5,010,803 & 6,441.292 • Other patents pending



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