

## HOW TO EQ YOUR MIC ON STAGE

By Bruce Bartlett

One low-cost method is to use a graphic equalizer pedal. Here are some EQ pedals

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Behringer EQ700 \$28, 7-band, plastic housing

MXR M108S \$129, 10-band, metal housing

Whirlwind Perfect 10 \$218, 10-band, metal housing

Those devices are high impedance in and out, but all Bartlett mics are low impedance (except the Guitar Mic-B). So you'd need an impedance-matching transformer such as the Shure A85F for \$18. It converts a low-impedance XLR to a high-impedance 1/4" phone plug and provides 24 dB of gain.

The connections would be like this:

Bartlett Mic > phantom power supply > short mic cable > Shure A85F > EQ > guitar cord to your amp or direct box.

The Behringer PS400 is a good phantom supply for about \$29.

Another way to EQ your mic is with a mic preamp that has built-in EQ. Plug the mic directly into the preamp, and turn on phantom power in the preamp. Then set the EQ as desired.

Some examples of mic preamps with EQ:

[Headway EDB-2](#) preamp. It has an XLR mic input with phantom power.

[Grace Design Felix 2](#) preamp. It also has an XLR mic input with phantom power, plus 1/4" jacks for pickups.