

HOW TO CONNECT A WEBER ATTENUATOR WITH A HEAD + CABINET SETUP

LINE OUT

Here, you want to use instrument cable to send a direct signal to a PA mixer or recording interface, etc. If you do not want to send a direct signal anywhere, you can just leave the Line Out jack alone. Use of this jack is optional.

If you use speaker cable, which is not shielded, then it will introduce a bunch of noise - buzzing, radio interference, you name it (it's all bad)

IMPEDANCE

If your attenuator has an impedance selector, the selector on your amp needs to match.

If the attenuator does not have selectable impedance, then you can use any selection on your amp and just go with what sounds best to you.

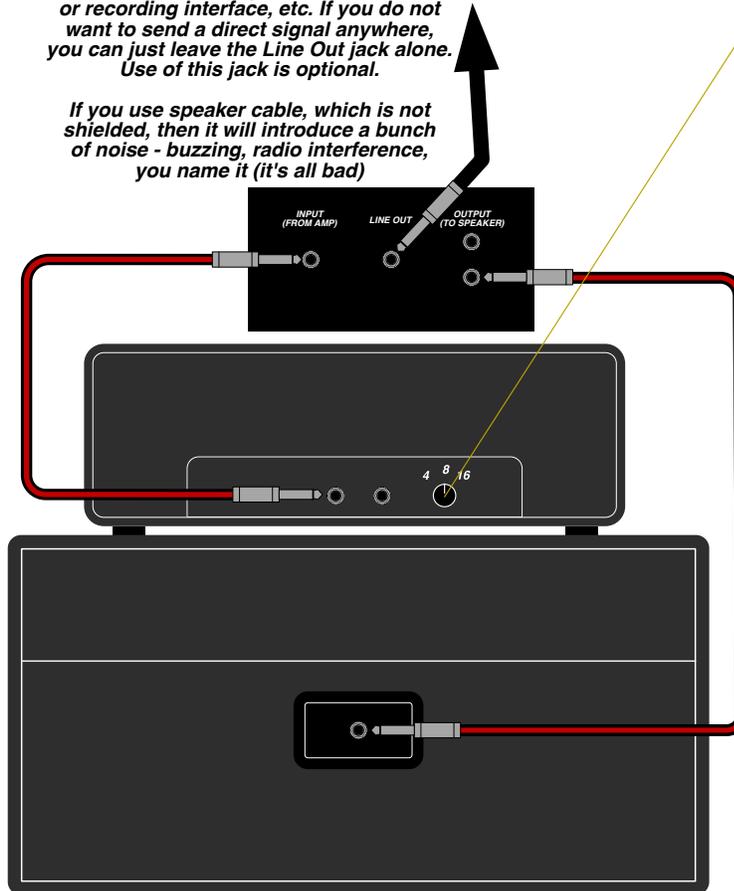
On our attenuators that have two (or three) knobs for adjusting the highs and lows, it would be very difficult and impractical to implement an impedance switch. Because impedance varies with frequency, and we are splitting the frequencies into two components (high and low) a global impedance switch would actually interfere with the tone-shaping function. The unit is designed around an 8 ohm speaker motor, but with all the components of the unit working together, it is safe to use on 4 8 or 16 ohm amps.

With all Weber attenuators, once you have selected the proper impedance to match the output impedance of the amp, the actual speaker impedance isn't critical. That's because the actual load to the attenuator becomes the speaker impedance plus the output section of the attenuator, while the amp continues to see the correct nominal impedance from the input section of the attenuator. That's why, on the MASS, we provide two speaker output jacks wired in parallel. Feel free to experiment with different impedance speakers, cabinets, etc. (this only means that the impedance will be matched when you have the attenuator engaged. If the unit is on bypass, it will not do any impedance correction.)

SPEAKER CABLE (GMC2P)

It is imperative to use **speaker cable** and not instrument cable.

We sell speaker cables you can use with Weber attenuators.

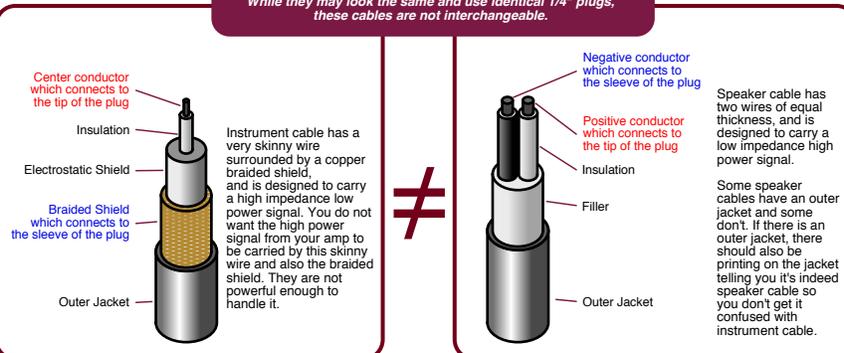


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INSTRUMENT CABLE vs SPEAKER CABLE

While they may look the same and use identical 1/4" plugs, these cables are not interchangeable.



WHAT HAPPENS IF I USE THE WRONG CABLE?

Using instrument cable in place of speaker cable will probably work for a while, but will eventually fail under the power of the amp, potentially causing damage to the amp, potentially catching fire and burning your house down. **DO NOT DO THIS.**

Using speaker cable instead of instrument cable will cause tons of noise, because the cable is not shielded. This won't hurt anything, but it's going to be far too annoying to use.