



Retro Radio Shop “GtarMitter” Instructions

Are you both a guitar and vintage radio enthusiast? Well, combine both passions with this handy little device! Plug your guitar into the GtarMitter, place it close to your radio with a short antenna wire, and use your vintage AM radio as an amplifier. It's portable, takes a single 9v battery, with ultra low power consumption, so you can use it, on the go, with a vintage vehicle or portable set as well.

Before using this device, be sure to refer to your local laws with respect to radio frequency transmission. With a short wire antenna, this device will only transmit at a very low level and a number of feet. Longer antennas will transmit for blocks so be cautious! Use at your own legal risk.

First, remove the 4 screws holding the back cover in place and install a 9 volt battery in the GtarMitter, if not already shipped with a battery. Be careful not to dislodge any wiring or components when doing so. Then plug your guitar into the unit. With a short antenna wire attached to the GtarMitter, place it right next to the receiving radio. If your set has an external antenna wire or terminal, bring its wire close to the GtarMitter antenna wire. If your set has an internal loop antenna, bring the GtarMitter antenna wire close to the receivers loop antenna or back of the radio. The closer the better and ideally within a few inches. Tune to roughly 1000 KHZ with volume about 1/2. Power the GtarMitter on. Then fine tune the radios tuning selector for the clearest signal. You may need to experiment with different lengths and positioning of the antenna. Acceptable results may even be achieved with the transmitter next to the radio without an antenna wire. If you receive a loud hum or squealing, reposition the transmitter or antenna wire. If the audio is distorted, it is likely over modulated. In this case, you may need to adjust the volume on the instrument to a lower level. While the signal will be less than high fidelity, it should be clean and free from distortion. If you plan on locating the GtarMitter in a location remote from your receiver, like across the room, you will need to use a much longer antenna. Again, it will work best within inches of the radio receiver.

Note on signal strength:

The goal is to keep the antenna wire as short as possible giving the best signal reception. If you use too long of an antenna, your signal may be in contravention of local laws. If it's too short, or too far away, your signal will be weak.

Again, thanks for your purchase and if you have any questions please contact us at info@retoradioshop.com