



## Retro Radio Shop "MobileMitter" Instructions

Wirelessly Stream Bluetooth media to that old, antique or vintage automobile radio with your very own in house AM radio station! You can also plug your phone, CD player, tablet, FM module, XM radio or other media device into the Retro Radio Shops "MobileMitter", and transmit old radio shows, classic tunes, or whatever you desire, to your old gem. With the decreased number of AM stations available today, this device is a must. Live rural and don't have any stations within range? Even better; start your own with the MobileMitter))))))!)

### Installation:

- 1) POWER- The MobileMitter comes in 6v and 12v versions that can be used on positive or negative ground systems. It is recommended that the + power wire be connected to a fused source that is hot when the ignition is in the accessory or run position. On 12 v system, the positive wire is the solid Red wire. The negative wire is the black wire. The 12v system comes with a remote power relay, operated by a key fob, while the 6v system comes with a microswitch that can be discretely installed under the dash or glovebox etc. On the 6 v system, the positive wire is the black/white stripe and the negative is the solid black wire.
- 2) ANTENNA- To install the supplied inline antenna splitter cable, insert one of the male antenna splitter plugs into the vintage radio antenna jack and the other male end into the MobileMitter. Then simply insert the cars original male antenna wire into the inline antenna splitters female end.
- 3) AUX INPUT- If you plan on using the 3.5mm aux input cable, insert it into the "Audio in" jack on the MobileMitter. Try to route the Aux cord as far away from the MobileMitter and its antenna wires as possible. More on this below.
- 4) SECURE- You will now want to secure the MobileMitter, the remote control receiver box and all associated antenna wires etc. Use of cable ties or corrugated conduit works great.

Continued on page 2.....

## Operation:

Once installed, tune your cars radio to 1000 kHz on the AM dial. To operate the Mobilemitter, simply use button "A" on the remote key fob, or the microswitch on the 6v system, to turn the transmitter on/off. You should hear a faint click as the remote receiver turns on/off and, when its operational, a hiss at 1000 kHz. Note: You will not be able to listen to other AM stations when the MobileMitter is powered on. It will wash out most stations.

You will also likely hear mirror transmissions or harmonics of the MobileMitter throughout the AM dial. Be sure you are tuned to, or very near, 1000 kHz for the cleanest reception.

The MobileMitter has an internal Bluetooth adapter that will enter pairing mode when turned on. Pair your remote device as per its manufacturer instructions. The Bluetooth module will show as "Bluetooth" or "Handsfree" or similar . If a 4 digit code is required, use 0000. You should hear a confirmation of successful pairing once complete.

If you are using the aux input cable, simply plug your audio device, such as a smartphone, tablet, iPad, CD player, or FM module etc. into the 3.5 mm cable.

In either Bluetooth or aux modes, if the audio is distorted, it is likely over modulated. In this case, you may need to adjust the volume on the remote audio device to a lower level. While the signal will be less than high fidelity, it should be clean and free from distortion.

## FM Module Use:

Try to keep the FM module away from the MobileMitter and its antenna wires. Otherwise, the MobileMitter transmission may interfere with the FM modules reception. The aux cord is utilized as the FM module antenna. Therefore, if it is extended and located away from the MobileMitter, or its antenna wire, reception will be optimized. You may see this, especially, if you are located in a rural setting or with weak or distant FM stations. If you encounter this, simply move the aux cord as far away from the MobileMitter or its antenna wire as possible.

Again, thanks for your purchase and if you have any questions please contact us at [info@retroradioshop.com](mailto:info@retroradioshop.com)