

# - AC-600 -

## AM Broadcast Inductive Antenna Coupler

### Introduction

The AC-600 is an impedance matched broadband AM/BC coupler designed specifically for use with the M-601 AM broadcast active receiving antenna. The AC-600 provides full AM broadcast band coverage with minimal coupling losses between the antenna and receiver.

The AC-600 may be used to inductively couple the M-601 active antenna to any AM broadcast receiver that uses an internal loop antenna, including portable radios that typically use a ferrite loop-stick antenna, and antique radios that have wire type loops housed within their cabinet.



Besides providing a wireless (inductive) coupling to your receiver, the M-601 also gives the user complete control over the amplitude of the BC signal to the receiver. This becomes important when using the M-601 active antenna with receivers that are easily "overloaded" by excessively strong signals.

### Instructions

1. Connect the AC-600 input plug to the "RCVR" output jack located on the M-601 coupler. This replaces the supplied jumper cable used to provide a direct receiver interconnect.
2. Orient the AC-600 coupler so that it is parallel to the receiver's own loop antenna. Signal coupling will typically occur when the AC-600 coupler and receiver's loop antenna are within two inches of each other.
3. For optimum signal coupling and/or to avoid excessive receiver input overloading, experiment with the coupling orientation. Move the AC-600 slowly along side the receiver cabinet and parallel to the receiver's loop antenna until satisfactory reception is achieved. Be sure to tune the receiver alternately to both strong and weak broadcast stations when orienting the coupler.
4. Use the supplied adhesive Velcro to attach the AC-600 coupler to the receiver cabinet.

Note: For any technical assistance regarding product installation call: (860) 526-4759.