

What is needed for making "the Wagner Antenna".

(1) A 20 foot or so long piece of insulated stereo or hook up wire (try to buy the wire at Sears, Best Buy, Circuit City or similar audiovisual store. It comes already to use with RCA phono jacks in each end for connecting to a preselector). (2) An MFJ-1020B, or MFJ-1045C, Grove TUN-4A, Ameco TPA, or Palomar's P-508. These are all "preselectors". (older Palomar P-405 or P-408's are great too). (3) One 18 inch to 2 foot mini-coax jumper cable to connect the two together.

Set-up and Use.

All of these preselectors share a common design design/use traits. Most can be powered by a 9 volt battery (not TUN-4 or Palomar P-508 or 408). All have the three same front panel adjustments. All will work well "if simple set up" is followed.

(1) Attach the 20 foot speaker wire to rear RCA or SO-239 marked "antenna in put" and connect the 18" jumper wire to "antenna out" on preselector. Connect mini-coax to receiver "antenna in put".

(2) With preselector off tune receiver to a known weak but hearable signal (try the signal you have always wanted to come in better).

(3) Set preselectors "gain" to 1/3 to 1/2 way on (9 to 12 o'clock). Set middle knob (the course preselection knob) usually marked "Band" in MHz that your receiver is already tuned to. The middle knob will have a range of freq.'s marked in a range of 4 or 5 positions such as 1.8 to 4 MHz, 4 to 10 MHz, 10 to 16 MHz, & 15 to 30 MHz, Chose the MHz, range you are tuned to. Turn the preselector on.

(4) Now, to "where the rubber meets the road"! Take the far right knob, usually marked "tune" (ignore the "silk screened numbers above this knob" for the most part as they are only intended to serve as guides, not the actual "Sweet Spot"! Slowly turn the "tune" knob back & forth along it's turning range. You will hear many weird noises and "one click" (usually, but not always a muted click). If you don't hear a click, you'll hear your once weak freq. "jump out" to your ear! That is "the Sweet Spot"! That is "what you are looking for! Lastly, ever so sloooowly rock that last knob back & forth until spot on! Set left "gain" knob to lowest setting needed to pleasantly hear your frequency!