



Ham Radio Stuff

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Thank you for your purchase of the HRS-ATTN-KT-AS 4 MHz offset attenuator.

This kit will make it easier for you to locate the hidden transmitter during your next radio direction-finding (DFing) event.

Instructions:

1. Use a #1 Phillips screwdriver to remove the back cover of the attenuator unit.
2. Install the included CR2032 battery into the battery holder. Be sure to install it correctly—the positive (+) side of the battery should face you when properly installed.
3. Connect an SMA coax jumper between your radio and the offset attenuator connector marked “Radio.”
4. Connect a directional antenna to the attenuator SMA connector marked “Antenna.”
5. Program your radio 4 MHz above the transmitter’s frequency. For example, if the transmitter is operating on 146.52 MHz, program your radio to 150.52 MHz.
6. Turn on the attenuator and rotate the dial fully to the right (+). You should hear the transmitter when it is active. As you get closer to the transmitter, gradually turn the knob to the left (-).
7. As you sweep the directional antenna, the signal strength will increase and decrease, helping you determine the relative direction to the transmitter. Continue adjusting the knob to the left (-) as you get closer.



Inside the Box:

To remove battery pry here with small flat blade screwdriver.



Here is an example of a complete radio direction finding build utilizing the 4Mhz offset attenuator.