

The M0CVO MAGITUNER(A)

The M0CVO Magituner, if you are very short on space or wishing to go portable but still wishing to operate on HF this could be the answer. There are two terminals on the unit – one with a green label which is for a common RF earth and one to connect a radiating wire to.

The length of wire used for the radiating element is purely down to you. As a rough guide, 7.6m or more is tuneable across all bands from 40m up and 10m or more is tuneable across all bands from 80m up – longer is better.

For a low profile vertical antenna, run the wire up the outside of a telescopic fibre glass fishing pole – make sure it is glass fibre and not carbon or graphite – and either ground mount it or fix it to a pole. Alternatively fix it as a horizontal wire or sling one end over a tree – ideal for portable ops.

As with all antennas, an RF earth is advisable. This does not need to be anything elaborate, a wire connected to the common earth terminal and then run down to earth – a tent peg is sufficient if inserted into the soil.

Connect your coax to the SO239 socket and then to your transceiver via an ATU.

Power handling is 500W CW or 600W PEP.

Nearby metallic structures may induce changes in the VSWR so, if mounting to a mast you may need to insulate the top of the pole where you fix the antenna to.