

Installation Instruction

Model MO-4

TUNING

The MO-4 is designed for use with Hustler mobile H.F. resonators. The short size of the mast allows greater flexibility in choosing a mount location. The MO-4 is ideal for owners of large vehicles such as trucks, vans and recreational vehicles. The performance of the MO-4 is slightly less than that of our full size 54" mast, (models MO-1, MO-2 and MO-3) but is often offset by the better omni-directional characteristics achieved by mounting the antenna near the center of the vehicle. The MO-4 is constructed of a solid stainless steel rod with 3/8-24 fittings on both ends. Due to the weight of the MO-4 it is necessary to use a high quality mount.

CAUTION

Installing the MO-4 on a mount that is not designed for heavy antennas can create a safety hazard to you and others. Your warranty will also be voided. If you have a question about a particular mount, consult your dealer.

MOUNTING

The following mounts are suggested for use with the MO-4:

Ball Mount	Hustler C-32, Hustler SSM-2 Hustler 1C-53, Hustler 1C-55
Trunk Lip	Hustler TLM
Rain Gutter	Hustler GCM-1, use with standard size resonators only
R.V. Mount	Hustler RVM, use with standard size resonators only
Trunk Groove	Hustler TGM-1, use with standard size resonators only
Mirror Mount	Hustler D-322, Hustler D-321
Magnet Mount	Hustler MBM, use with standard size resonators only
Bumper Mount	Not recommended

The MO-4 is compatible with all of our H.F. mobile accessories:

VP-1	Tri-band adapter (not recommended for MBM magnet mount)
RSS-2	Spring
C-29	Spring
C-30	Spring
QD-2	Quick disconnect

CAUTION

Use common sense when choosing a mount and accessories. Hustler super resonators are large and if you intend to use the VP-1 adapter and three super resonators you will need to use a ball mount. If you use a smaller mount such as the GCM-1 or TGM-1 you should only use standard resonators and should not use the VP-1 to tri-band since the total weight and wind load may cause the mount to fail.

The MO-4 is supplied with three extra 26 inch tip rods. You may need these rods to tune resonators for 10, 11, 12, 17 or 20 meters since resonators for those bands are supplied with a tip rod that may be too short. The tip rod supplied with 30, 35, 40, 50 and 80 meter resonators should be long enough. The following tip rod lengths are calculated by measuring the length of the exposed, or visible portion of the rod. Allow two additional inches for insertion into the tip rod receptacle.

Actual required rod length might vary with the mount, installation, etc. To raise the resonant frequency, shorten the tip rod. (over)

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