

INSTRUCTION MANUAL HUSTLER RESONATOR

Hustler resonators are designed for use with our 54-inch mast, models MO-1, MO-2, MO-3 and our 22" MO-4 mast. To assemble your resonator loosen the set screws and slide the rod 4 inches into the receptacle tube. Tighten the set screws to secure whip and screw the resonator onto the mast. Using a good quality V.S.W.R meter check the resonate frequency. If it is too low, loosen the set screws and push the tip rod into the tube in 1/4 inch increments until the desired frequency is reached. To lower the resonate frequency extend the rod in 1/4 inch increments.

If it becomes necessary to trim the rod use a file to score the rod at the cut point. Always trim the rod at least 4" (10.16 cm) longer than the given lengths to insure it is not cut too short. Also note when using a resonator mounted on a MO-4 22" (55.88 cm) mast the required exposed tip rod length will be approximately 1" (2.54 cm) longer.

Wear safety glasses or other adequate eye protection, place the rod on a table or similar sharp edge and use a hammer to snap off the excess rod. Use a file to deburr the rough end.

There are several accessories available for you Hustler HF mobile system.

VP-1 Multi-band adapter: accepts 3 resonators for multi-band use.

RSS-2 Spring: mounts between resonator and mast.

QD-2 Quick Disonnect: recommend for easy removal of you mast.

Standard Resonator	Tip Rod Length	Bandwidth (2:1 SWR or Better)	Super Resonator	Tip Rod Length	Bandwidth (2:1 SWR or Better)
RM - 6	12 5/8	150-250 KHz	RM - 6S	18 5/8	250-400 KHz
RM-10	12 5/8	150-250 KHz	RM-10S	12 13/16	250-400 KHz
RM-11	12 5/8	150-250 KHz	RM-11S	18 5/8	250-400 KHz
RM-12	18 7/16	100-150 KHz	RM-15S	16 5/16	150-200 KHz
RM-15	12 5/8	100-150 KHz	RM-20S	18 5/8	100-150 KHz
RM-17	23 1/4	80-100 KHz	RM-40S	32 5/16	50-80 KHz
RM-20	18 7/16	80-100 KHz	RM-75S	32 5/16	50-60 KHz
RM-30	18 7/16	50-60 KHz	RM-80S	40 5/16	50-60 KHz
RM-35	40 1/8	50-60 KHz			
RM-40	32 1/8	40-50 KHz			
RM-50	40 1/8	40-50 KHz			
RM-60	40 1/8	40-50 KHz			
RM-75	32 1/8	25-30 KHz			
RM-80	40 1/8	25-30 KHz			

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