

My latest project was a go-box for an FT-991A.

I decided to use the aluminum framed Gator *GR-RACKBAG-3U* Rack Bag as the home for rig (purchased through amazon.com). Gator makes a less expensive rack bag that uses plywood instead of aluminum.



The *Middle Atlantic Products UTR1 1U Utility Rack Shelf* was purchased through sweetwater.com and stainless-steel hex bolts and lock nuts were used to mount the radio gear. Mounting hardware was purchased from KH Metal and Supply on Main Street in Riverside but can be found at any local hardware store or amazon.



The *MMB-90 Mobile Mounting Bracket* was used to mount the FT-991A to the rack shelf. Yaesu's FTM-400XDR has a great mobile speaker (*Yaesu MLS-200M10*) that was rewired to work with 991A, however, most external speakers will work with it without any need to modify. A piece of aluminum angle and flat bar were cut and bolted to the shelf for the battery switch and the Powerwerx Wattmeter/Analyzer.



A Bioenno 30Ah LFP Battery (*PVC, BLF-1230A*) is strapped to the frame and an *Epic-H PWRgate* is used to maintain the battery. There is a Bioenno 28 watt foldable solar panel (*BSP-28*) stored on top of the rig that provides 15-18 volts at 1.55A. Two BSP-28 panels can be chained together to increase the output maximum current to 4A.



Thanks for reading and feel free to reach out if you have any questions.

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