

Setting up the GMRS Base Station

EPC Communications Team

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Locate the Tripod mast, the antenna, and the ≥ 125 -foot feed line cable.



Move them to the grassy area next to the rear of Cribari Plaza (see the Antenna area in the image below):



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Place the tripod and mast upright on the grass and extend the tripod legs to create a stable base, then tighten the retaining handle to lock the tripod base.



Place the antenna assembly dowel into the top opening of the mast – the PVC antenna should be topmost. Do not extend the mast yet.

Attach one end of the feedline cable to the base of the antenna by centering the connectors, pushing the center pin into the connector until snug, then screwing the connector until just hand tight (no need to use any tools).



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Now you can extend the mast, section by section, starting with the top section. Make sure the bottom end of the antenna is at least 10-12 feet off the ground for the safety of people walking by. Make sure the feedline cable is wrapped around one of the legs or the center of the tripod base to provide some strain relief to the cable and prevent breaking the connector on the antenna if someone were to jerk on the feedline.

Unroll the feedline and run it across the sidewalk (if possible, tape the cable or cover it when it crosses over the sidewalk) and then into the planted area.



Set up table and two chairs in the location indicated.

Setup the base station on table.

Set power supply on table.

Connect the feedline to the antenna connector on the back of the radio. **ALWAYS CONNECT THE ANTENNA BEFORE THE POWER CONNECTION.**

Connect cable from power source to radio's power cable (red connector to red connector and black to black).



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Plug in the power supply to the outlet in the base of the streetlight on the patio (Or use the cigarette lighter adapter to plug into the battery power unit, or into one of the gas/propane powered generators)



Confirm power supply is set to 13.7 VDC. Turn on power supply.
Turn the radio on and confirm that it lights up and begins operating.

From here, follow the radio operating instruction sheet.