

Remote Station Setup

- 1) Start by opening the large shipping box. Cut the black shipping straps and open the top of the box. **NOTE: DO NOT DISCARD shipping materials; they will be used to return the equipment after the rental period.**
- 2) You may need someone to help you remove the remote station from the box, as the station itself weighs more than 50 pounds. Try to avoid damaging the shipping container when removing the remote station.
- 3) Remove the protective shipping materials from the solar panel.
- 4) Remove the cellular antenna from the back of the solar panel, as shown in photo 1.



Photo 1. Remove antenna from Solar Panel.

- 5) Move the cellular antenna base from the bottom of the panel to the top. The magnetic base will come away from the steel bracket with a little force. Place the magnetic base on the bracket as shown in Photo 2. Attach the antenna to the base.



Photo 2. Antenna base on top of the solar bracket.

6) Remove the lid from the remote station by grasping the handles on the top of the lid (Not the side of the station) and turning. The top will come away from the station, set the top to the side as shown in Photo 3.

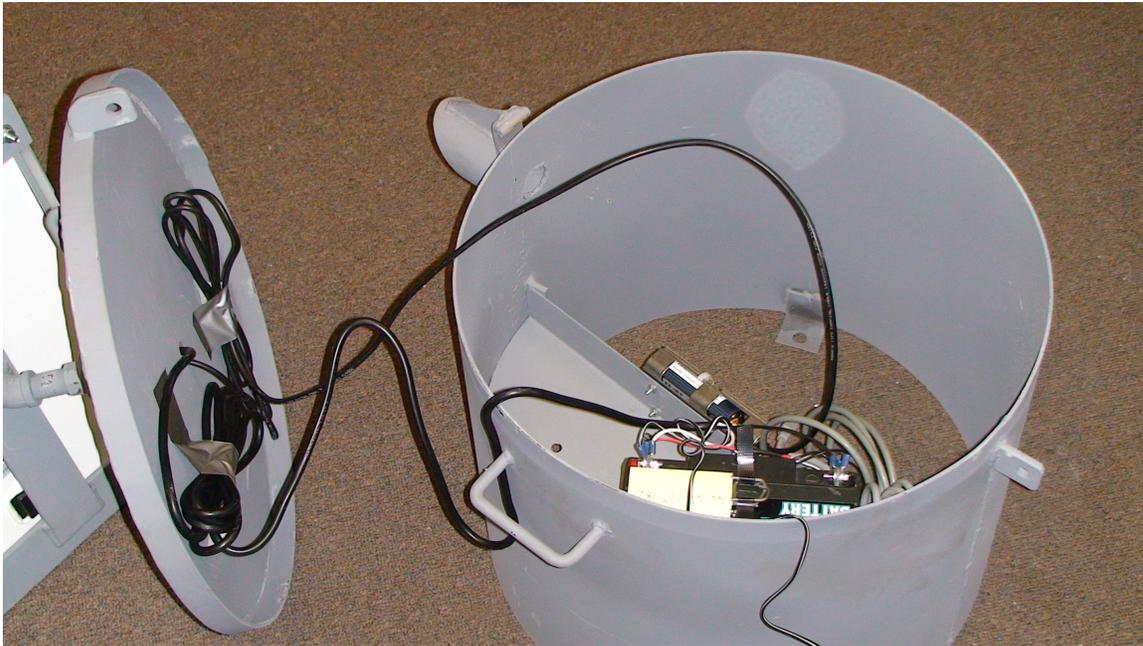


Photo 3. Lid removed from remote station.

7) To install the base, skip to step 8, to configure the Minimate Plus or to test communications in your office, skip to step 12.

- 8) Locate the spot where you will install the remote station. Use soil anchors or rebar to secure the station in soil or concrete anchors to secure the station to concrete or rock.
- 9) Remove the instrument shelf by grasping the shelf or the battery and lifting up until the shelf comes away from the station. Set this aside. The station contains 4 anchor points, you should utilize at least 2 of these.
- 10) The geophone may be installed with the instrument shelf in or out of the station. There is more room to install it with the shelf out.
- 11) Reinstall the instrument shelf.
- 12) With the instrument shelf installed inside the station, connect the power cables from the battery to the Minimate Plus and to the modem. Once these are connected, the station lid can be replaced. **NOTE: BE SURE TO AVOID PINCHING THE SOLAR PANEL AND CELLULAR ANTENNA CABLES WHEN REATTACHING THE LID.**
- 13) The lid should be pad locked for security.
- 14) The station is now ready and can be programmed remotely using the IP address of the modem and the software on the Cellular Communications Software CD.

Please contact Matheson Mining Consultants, Inc. if you have trouble with the software or hardware installation.

When returning the remote stations to MMC please call to obtain help with packing the remote station.