

# BUDDIPOLE™ CAPACITANCE HAT INSTALLATION AND SETUP INSTRUCTIONS

## Installation

In order to be able to install the Buddipole Capacitance Hat on the top end of the Shock-Corded Whip, a portion of the end will need to be cut away. Cut through the plastic tip just above the point where the taper ends (see photo below).



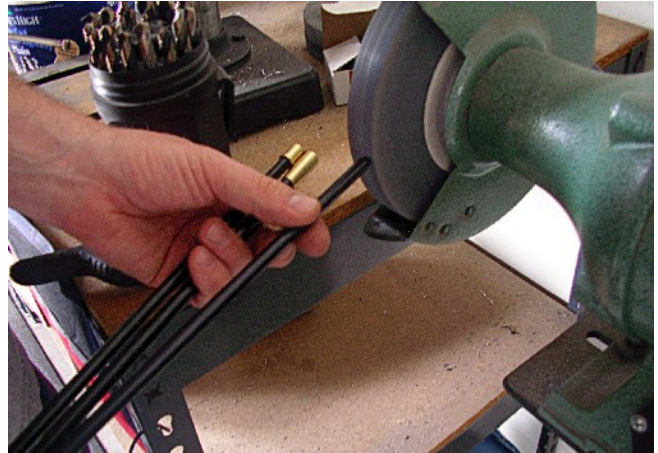
Since this material is plastic, you can use a large pair of diagonal cutters, a hacksaw, or other common tools to remove this end piece.



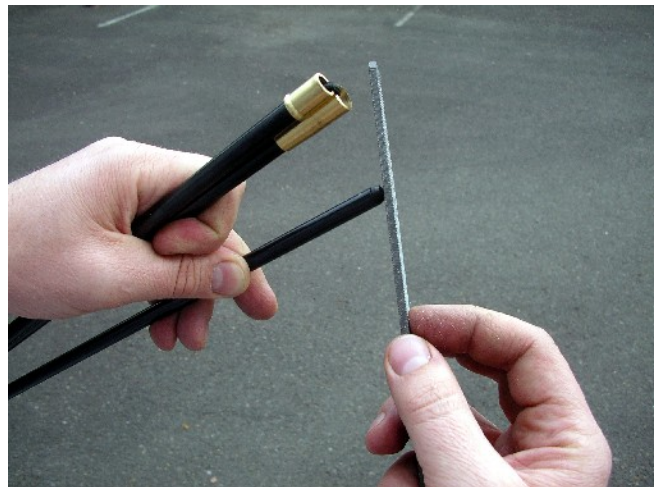
Your Shock-Corded Whip should look like the photo below after removing the top section.



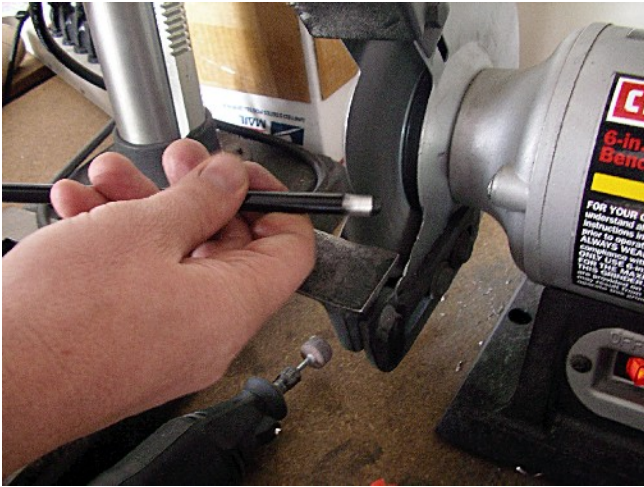
You may have a rough, uneven surface left over on the end of your Shock-Corded Whip after the cut. This should be smoothed down using bench grinder or rotary tool.



Optionally, a file may be used to smooth out the plastic end cap by hand.



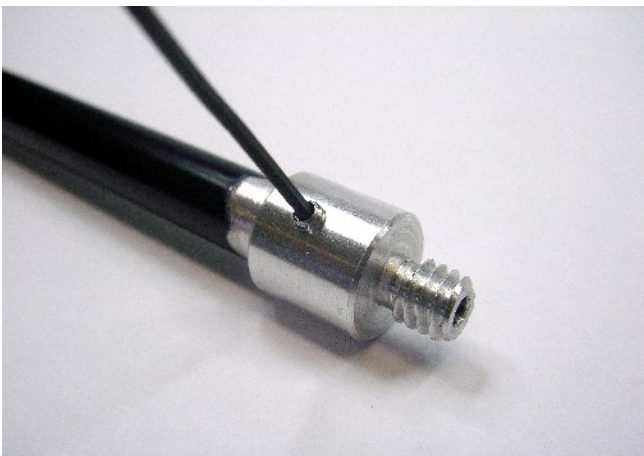
A reliable electrical connection between the Shock-Corded Whip and the Capacitance hat must be made. Grind or sand down the coating so that bare metal is exposed approximately 1/2 inch from the end cap.



Place the Capacitance Hat Adapter on the end with the exposed metal, so that it sits flush against the end cap.



Secure the Capacitance Hat Adapter to the Shock-Corded Whip using the supplied set screw.



Place the stud of the Capacitance Hat Adapter through the center hole of the Capacitance Hat. You may have to use a twisting motion (like threading a screw) to get the Capacitance Hat snug against the base of the Capacitance Hat Adapter.

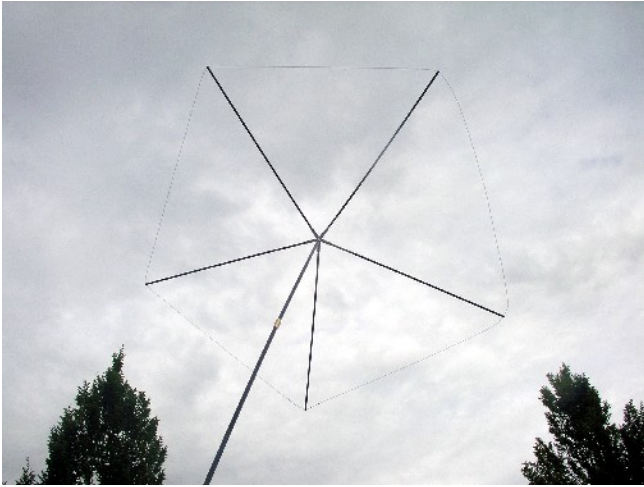


Screw the black knob onto the Capacitance Hat Adapter to secure the Capacitance Hat to the Shock-Cord Whip.



## Setup

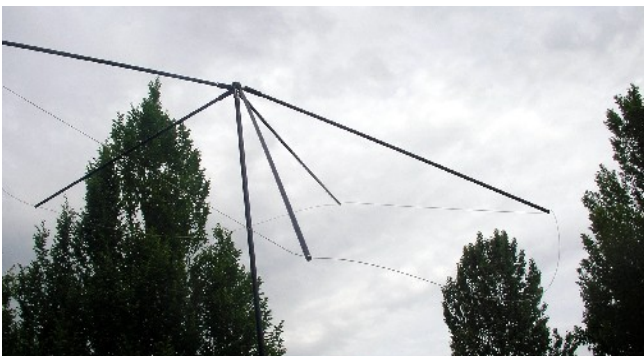
Deploying the Capacitance Hat simply takes raising the five arms 90° so that the spring-loaded collars lock into place.



When you are ready to break down the antenna, start by pulling one of the spring-loaded collars clear of the center ring, then bending down one arm at a slight angle.



Take down another arm adjacent to the first arm which was taken down. The first and second arms will still not be fully retracted due to the tension on the perimeter wire.



When retracting the Capacitance Hat arms, be certain to pull the spring-loaded collar out well past the end of the center ring (it may be slightly stiff due to the tight tolerances). Do not allow the collar to scrape against the center ring while retracting the arms.

