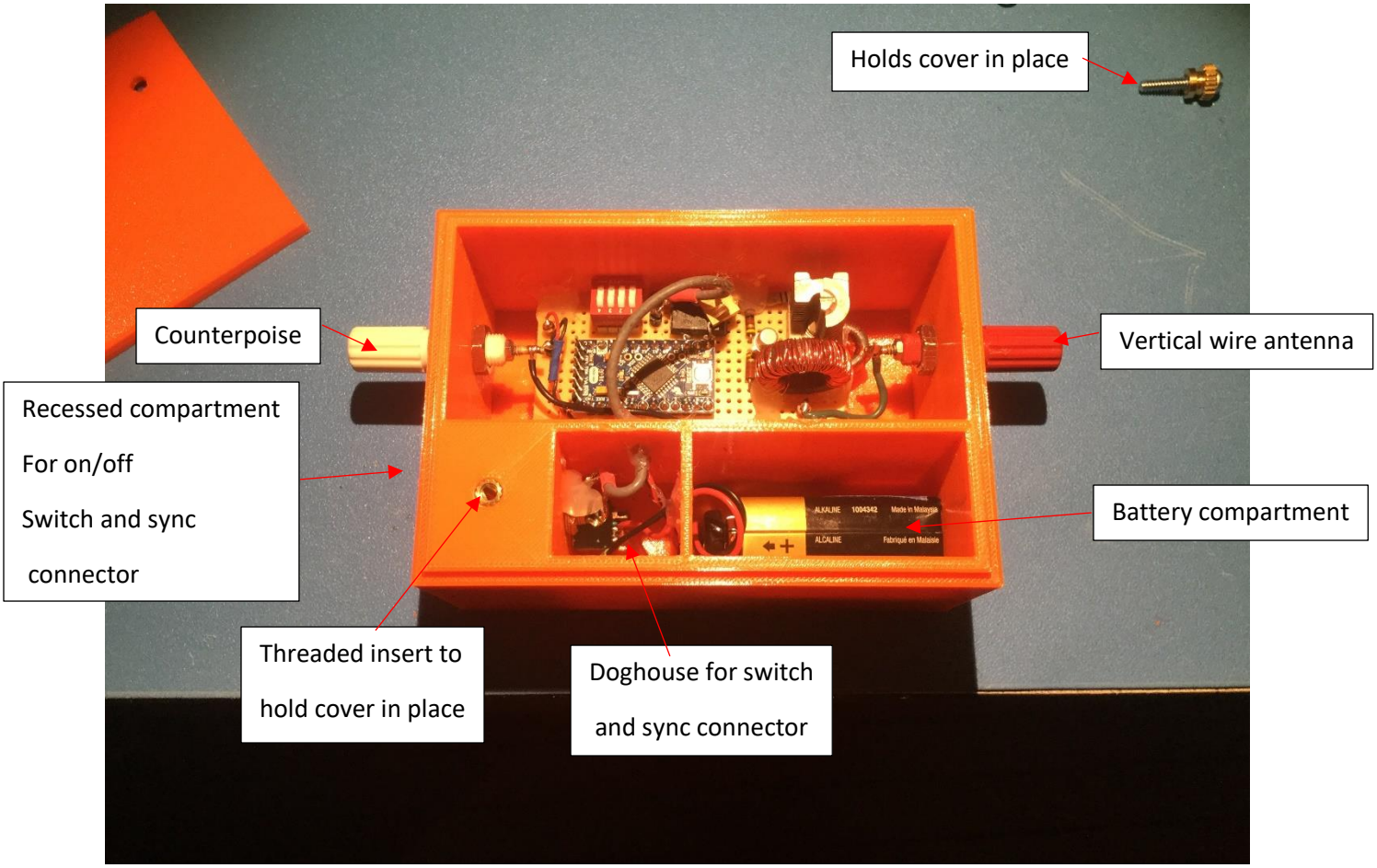
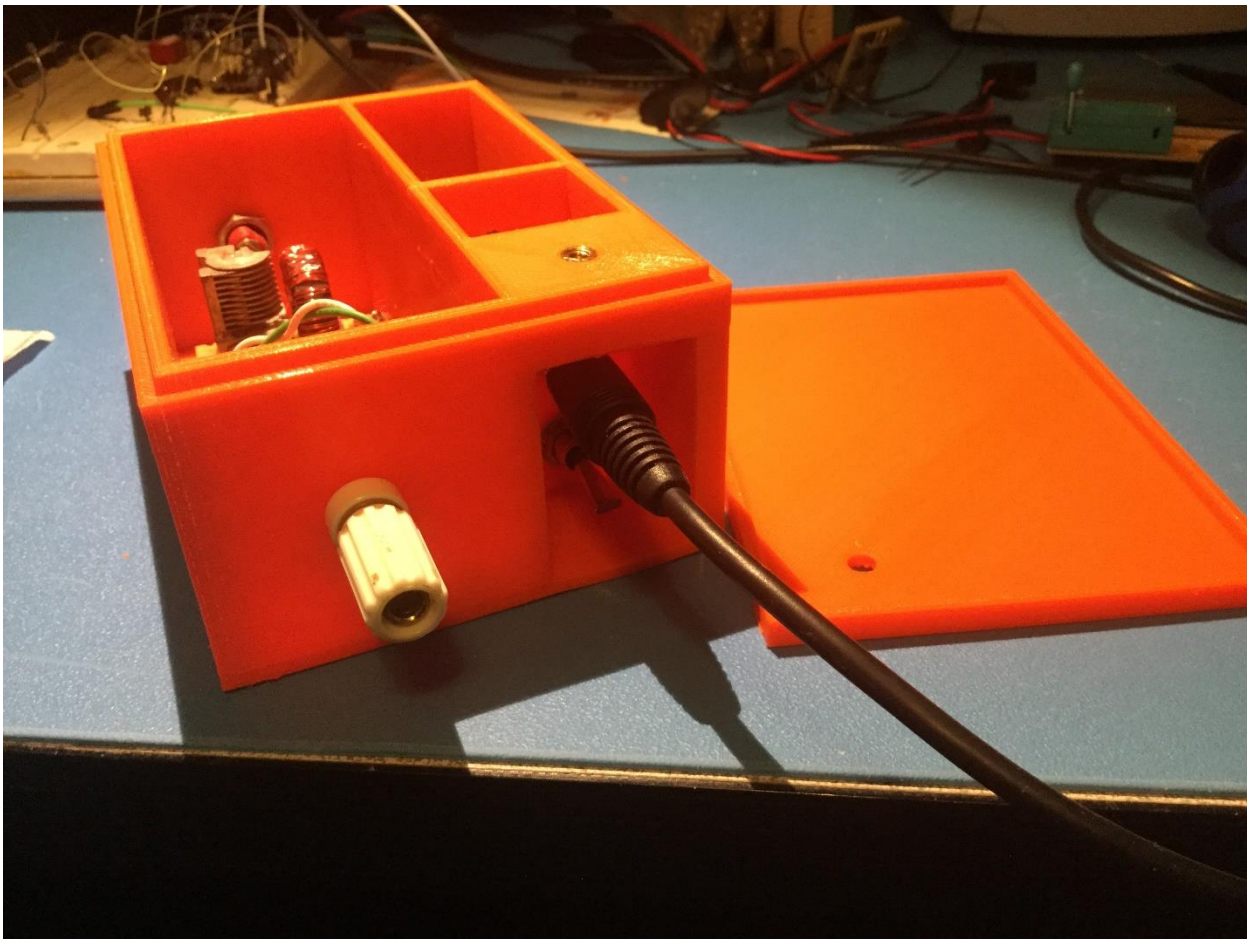
3D printed case for new 80-meter practice micro fox.

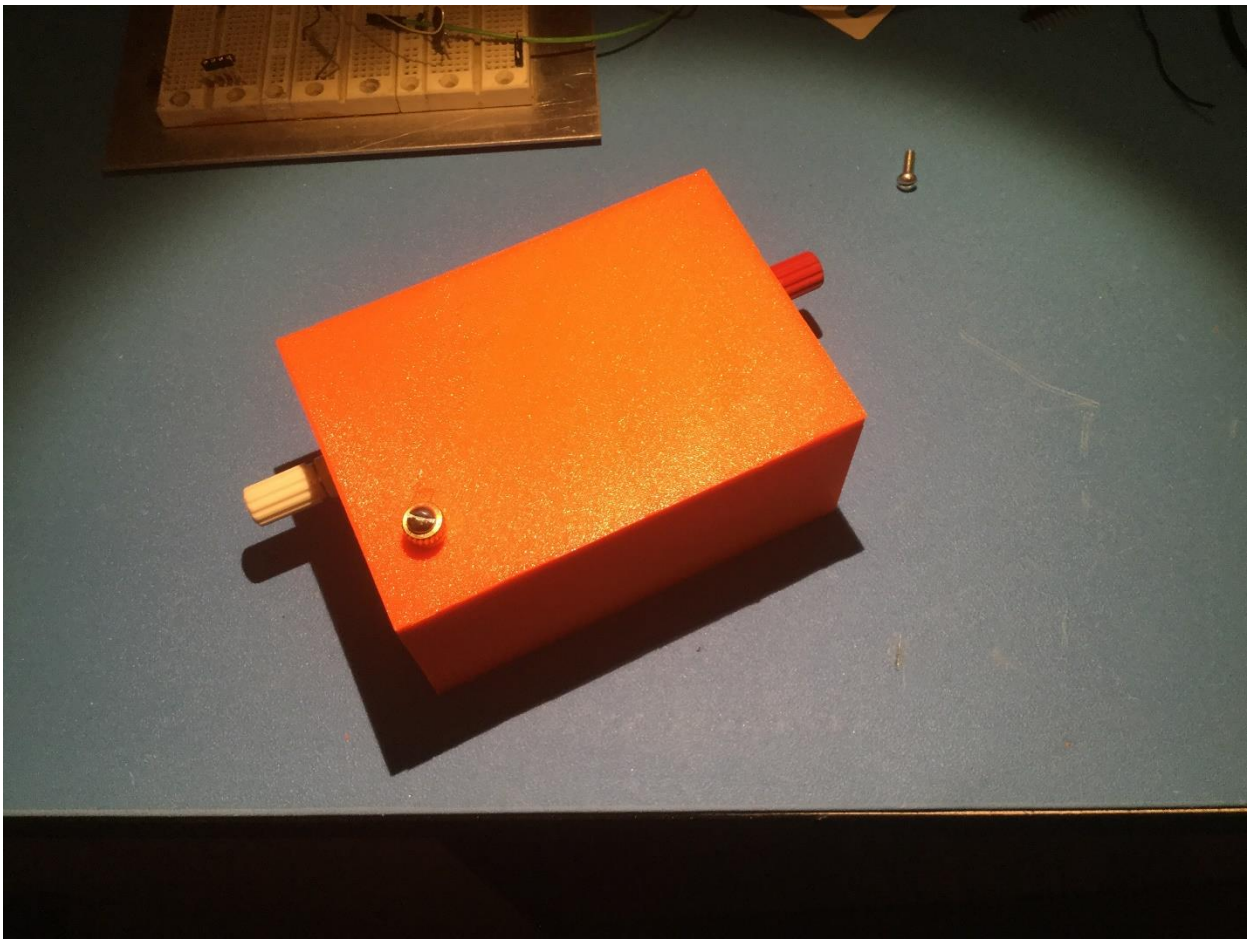
Note this is a low power practice fox housed in a 3D printed case for new practice transmitter.



The 80 meter practice micro fox box is generic so that a larger electronics assembly can be housed. Plan to re-use the case for the VHF CW practice micro fox.



Here the sync cable is plugged in. Plan to make a 3D cover to slide in and cover the recessed on/off switch and sync compartment



Here the cover is in place.

The fox Arduino code does the following based on dip switch setting

- Standard 5 transmitter MOE, MOI, MOS, MOH and MO5 one minute on synced via sync connector.
- MO homing beacon mode.
- Practice mode where it cycles through MOE, MOI, MOS, MOH and MO5 from single transmitter for a one transmitter practice session.
- Fox O (beep - beep) mode with one-minute ID.
- Sync input is not a CPU reset its accomplished using an I/O line that checked after power up and after sync operation it no longer checked again until next power cycle. Prevents false resets due to ESD events if a processor reset line is used for sync. ESD is an issue in NM due to our exceptionally low humidity.