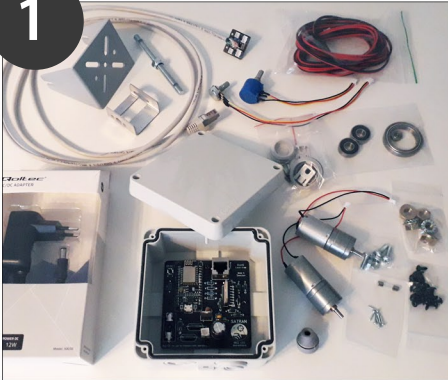




1



Unpack the kit and make sure all parts are present

2



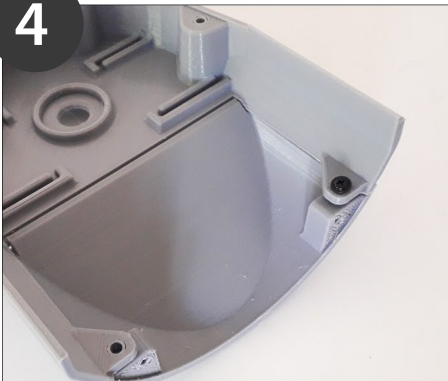
Fasten 3pcs M5 bolts and hex nuts to the pipe mount

3



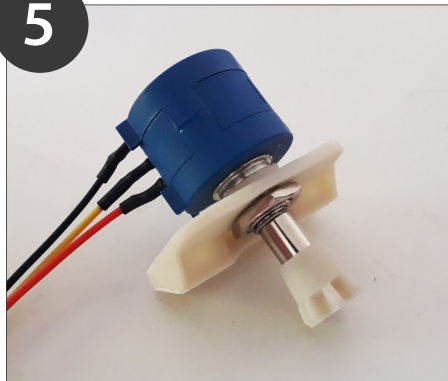
Fasten the large azimuth gear (short 2.2mm screws) and the bearing to the turntable (3x10mm screws)

4



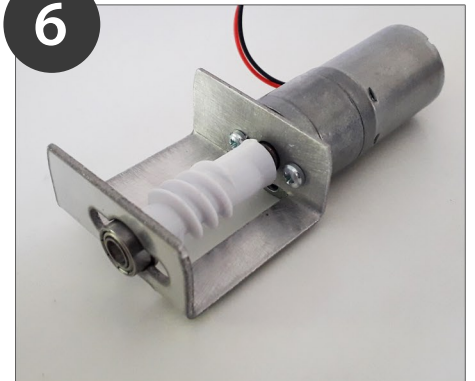
Fasten the side skirts to the sides with 3x10mm screws

5



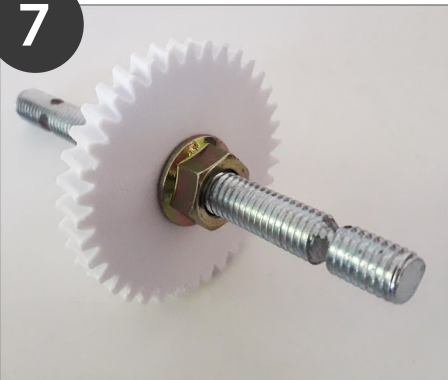
Join the 10-turn azimuth potentiometer with a holder and add a gear to the axle

6



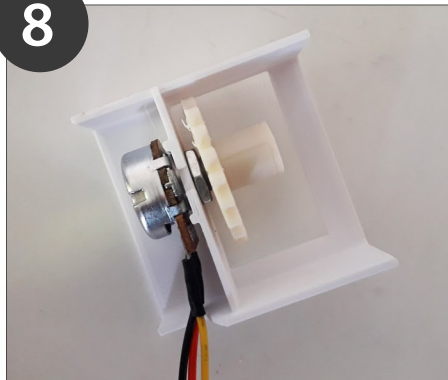
Join the elevation motor with a bearing, gear and bracket (M3x6mm bolts)

7



Fasten elevation gear onto the axle with an M8 nut (optionally add loctite/glue)

8



Join the small elevation pot with a holder and gear

9



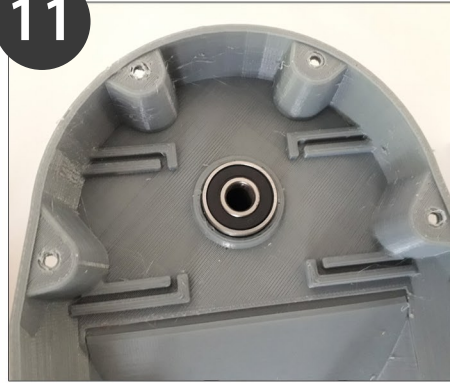
Fasten a motor, control cable and azimuth sensor to the top plate

10



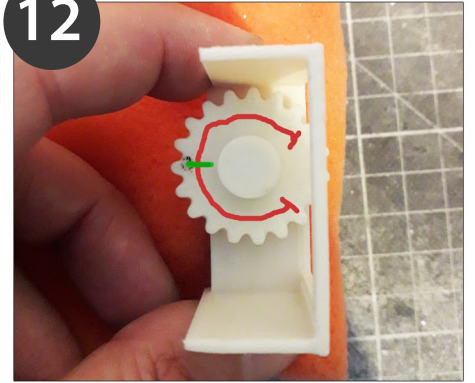
Add the small gear to the azimuth motor axle.

11



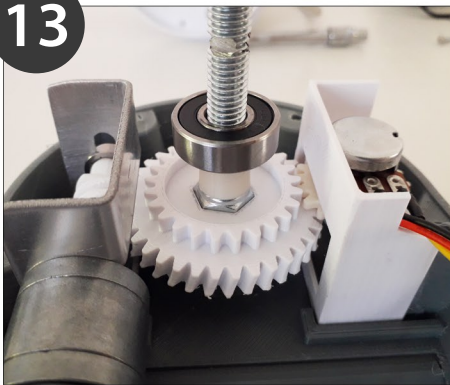
Lay one side on a table and put a bearing in the slot.

12



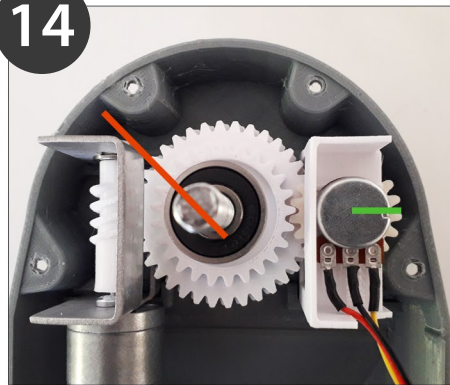
Turn the elevation sensor to its middle position (good to mark it with a pen).

13



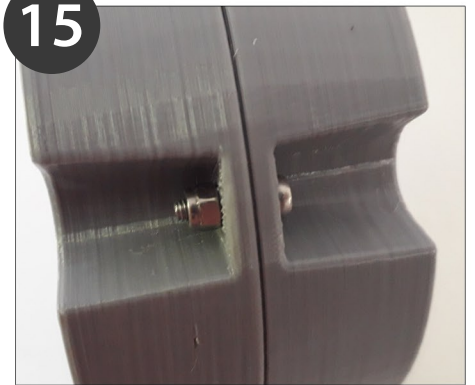
Add motor, axle, sensor, spacer and bearing to the side.

14



Make sure the slots on the axle are pointing 45 degrees as pictured.

15



Add the remaining side and fasten together with M3 bolts and nuts.

16



Add two flange nuts on each side of the axle.

17



Connect the elevation cables to the patch board.

18



Fasten the elevation to the top plate with 4pcs countersunk screws.

19



Slide the turntable on the top plate and fasten with 5pcs 3x10mm screws.

20



Now fasten the pipe mount to the bottom with 5pcs countersunk screws.

21



Put the device on top of a tripod with cable running through middle. Fasten.

22



Add bracket with antenna and fasten evenly, not to break the gears inside.

23



Mount the control box and cables, but don't connect power until setup.