

9.0 Inner planets system Venus and Mercury

9.1 Version control

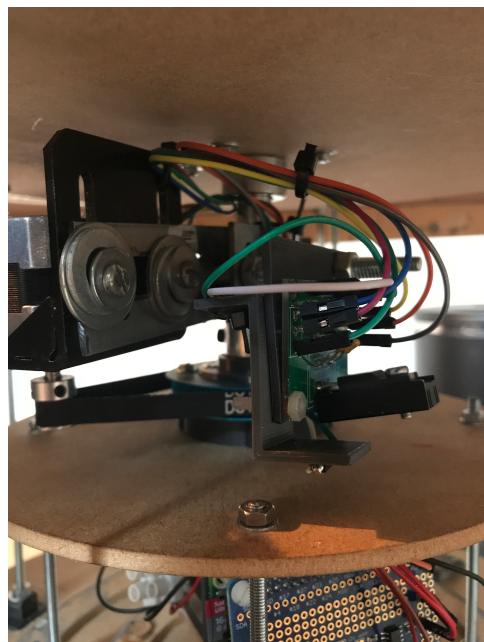
Version 1.0 - 2 February 2021 - first version

Version 1.1 - 9 February 2021 - typos fixed, added 9.5

9.2 Introduction

The inner planets (Mercury, Venus and Earth) are dishes. Software and electronics are the same as with the outer planets.

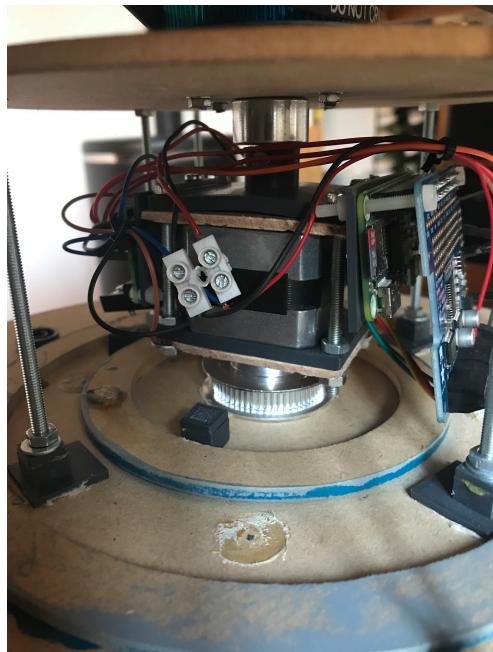
9.3 Venus



Venus is an exact copy from Earth.

All electronics and drive train is installed with a metal bracket on the hollow axle between the Earth disk (seen above) and the Venus disk (seen below).

9.4 Mercury



Mercury is propelled directly. The blue dish is mounted directly to the NEMA17 axle. The GT2 pulley is glued to the Mercury disk.

9.5 Intermediate rings

Between the Mercury disk and the Venus disk as well as between the Venus disk and the Earth disk there is an intermediate ring (approx 1,5 cm width). This is done for design reasons. The front view looks more “solid” like this.

The intermediate ring is glued on 1 side.