

HeadMouse Nano Mount for iPad

This all-in-one HeadMouse Nano mount uses our SnapTray design for holding the HeadMouse and the interface for an iPad 5, 6, 7 and iPad 8 profile. This mount is designed to directly mount to the iPad without a case. It has two high strength magnets that align with magnets built into the iPad. This aligns the bracket in the center of the iPad in landscape orientation and securely holds it in place.

This mount used an earlier design philosophy with both the interface to the HeadMouse and iPad printed as one piece. On later designs we separated these two interfaces and made both parts easier to print.

The rare earth magnets are available from many sources. Magnet size is 0.25-inch diameter and 0.1-inch thick. They are press fit into the mount. Of course you can use different magnet size and adjust the holes in the CAD file. You may need to tune these holes for a proper friction fit.

We used Ultimaker Cura software to slice and generate the necessary supports for 3D printing.

