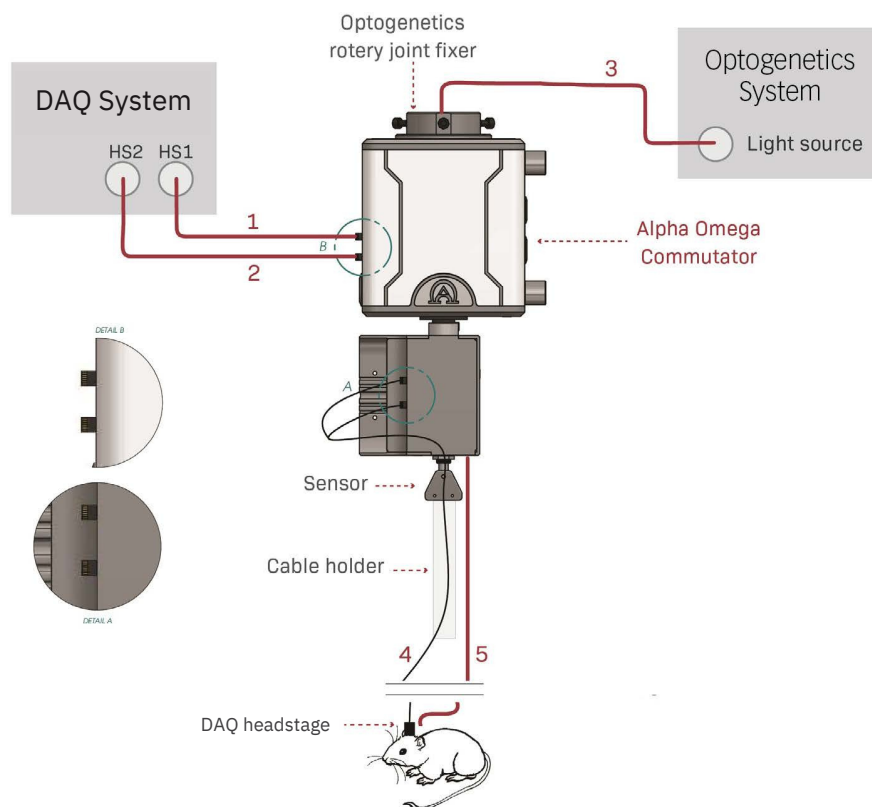




The Alpha Omega **Alpha Commutator** is a motorized slip ring commutator that facilitates smooth tethering to research animals. It supports both neural recording and stimulation. The commutator actively tracks the rotation of the headstage cable and compensates, eliminating turn-induced torques on the research subject.

Key Features:

- Supports 16-256 channels
- High resolution sensing
- Controllable commutator speed and sensitivity
- Compatibility with Intan Headstages
- Compatibility with optogenetics up to 4 fibers
- Compatibility with liquid tubes
- Allows electrical stimulation on all the channels
- Additional 10 wires (general purpose)
- Compatibility with variety of arena sizes and shapes
- Allows video tracking/recording



Images courtesy of Alpha Omega