

Tempo Theory of Operation

The Tempo Smart Desk Controller connects to and controls various models of motorized sit/stand desk via an RJ45 connector. Tempo provides user inputs and a graphical display to display the desk height and adjust various options and features.

Tempo provides a Bluetooth Low Energy (BLE) interface with a custom service that allows a custom mobile app to provide additional control and display of information.

Key Specifications:

- Nordic nRF52832 BLE SOC
- Power input: 4.5 - 13VDC, 2W max
- Bluetooth power: +4dBm max
- Bluetooth version: BLE 5.2
- Active infrared user presence detection
- User presence and usage logging (for graphing in app)