Jake K. Project – Detailed view (v1)

By Bill Weis

Requirements:

1. Be able to voice control his Leggett and Platt Prodigy 2.0 bed

Solution – High Level:

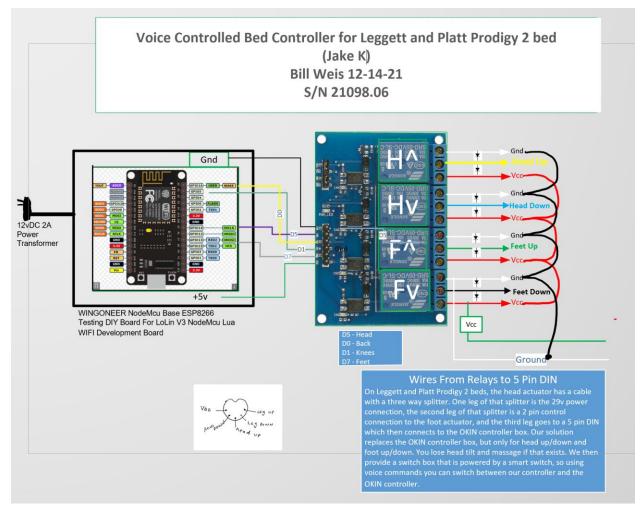
1. Designed a voice activated bed controller which will give Jake voice control over four functions that are important to him. (Head up/down and Feet up/down)

Details of the Solution

1 – Voice Control his bed – Jake has a Leggett and Platt Prodigy 2.0 bed that is controlled by an OKIN RF Touch wireless remote that operates at 2.4ghz. We started out by sending Jake a Google Pixel 3 phone which enabled him to connect to the bed using Bluetooth. OKIN has an app that runs on a phone which provides a virtual remote. Since Jake uses a Tobii device as a communicator, he was able to configure screpy in a way that he can use eye movement on the Tobii to control the OKIN remote.

Jake wanted to have a backup to the Bluetooth solution. We were able to easily tap into the existing actuator harness with a switchbox (which is plugged into an Amazon Smart Switch) that allows Jake to control the bed using either the Bluetooth/Virtual Remote feature or our voice activated bed controller.

The drawing for the voice solution is on the next page.



Resources

Amazon Echo

<u>Alexa Support</u> (Contact Support via the Amazon Alexa app - can have them call your number)

Google Home getting started

Google Home Help Forum

Google Home Support Phone number for Google Home hardware support = 855-971-9121 (24/7 days a week)

Logitech Harmony Knowledge Base

<u>Logitech Harmony Support</u> Phone # for Support = 866-601-5644 (M-F 8am to 6pm PST) <u>Lifx</u>

<u>Wemo Support</u> Phone number for Support = 1-844-745-wemo (9366)