

# Lanie R. Project – Detailed view

By Bill Weis

## Lanie R. - ALS

Requirements:

1. Be able to use voice commands to control her adjustable bed

Solution – High Level:

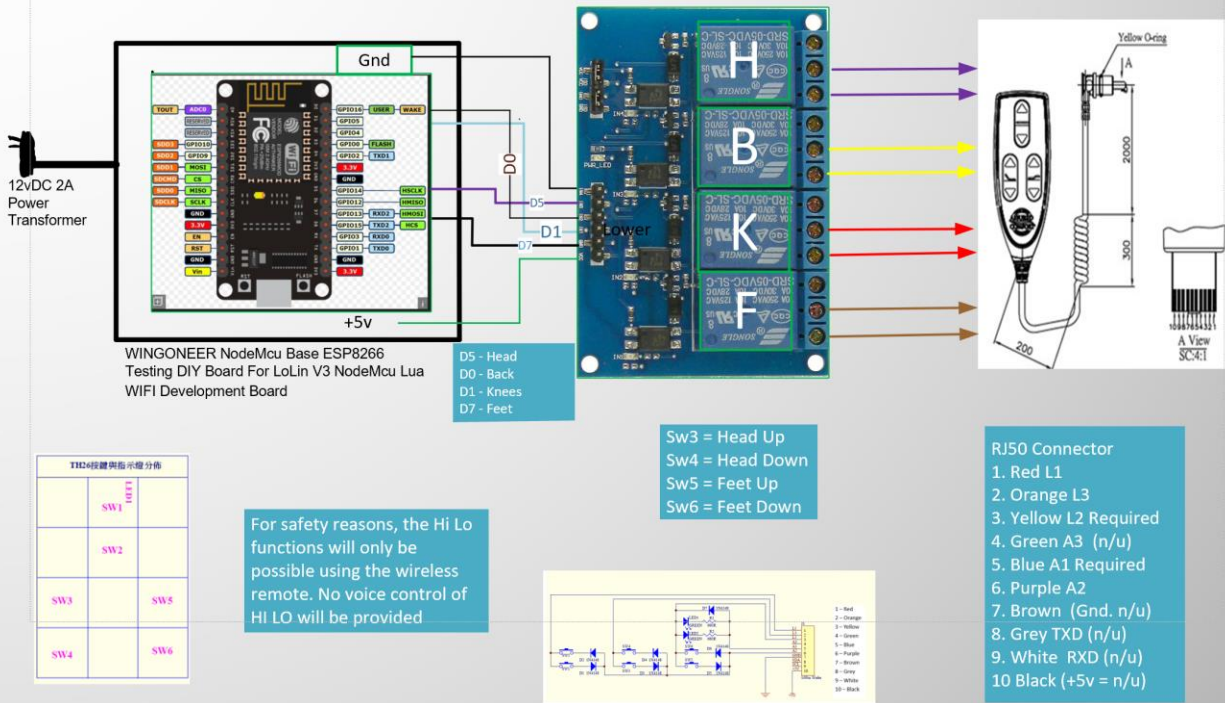
1. Installed a voice activated bed controller that gives Lanie the freedom to change the position of her bed as desired.

### **1. Be able to issue voice commands to her Assured Comfort AC Hi Low Signature bed with a TiMOTION controller.**

Lanie's Assured Comfort bed has a TiMOTION control box that supports a wired TH26-5036 wired controller in addition to the TH30-5036 wireless remote (2.4ghz). Although the hand remote only has 6 functional switches and connects to the control box using a RJ50 connector, it still uses the pulse approach to detect which button is being depressed. We provided Lanie with 6 commands to raise the head of the bed and lower the head of the bed, and 4 commands to raise and lower the foot of the bed. The Hi Lo function is manual-only using the wireless remote.

**Here is a schematic of the bed controller design**

**Voice Controlled Bed Controller for Lanie R, mechanical relays  
Assured Comfort AC Hi Lo Signature bed with wireless and  
TH26-5036-004 Hand Remote  
Bill Weis 3-10-2021 S/N 20081.11**



**Resources**

[Amazon Echo](#)

[Alexa Support](#) (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](#)

[Logitech Harmony Support](#) Phone # for Support = 866-601-5644 (M-F 8am to 6pm PST)

[Lifx](#)

[Wemo Support](#) Phone number for Support = 1-844-745-wemo (9366)