

Farzad – ALS
Detailed view by Bill Weis

Requirements:

1. Be able to voice control his adjustable bed

Solution – High Level:

1. Designed a voice activated bed controller which gives Farzad the ability to control the Head Up/Down and Foot Up/Down functions of his adjustable full electric Drive bed. We also provided the means for lift and lower functions to be done via a hand held remote which is wired to our voice activated bed controller. The older Drive beds are wired in such a way that makes it very difficult to provide all manual features using a remote while also providing voice solutions. We provided a switch box which will make it possible for his caregiver to switch to manual mode should the internet suffer an outage. He can control the bed using both Google and Alexa.

Details of the Solution

1 – Voice Control his bed – Farzad has a full electric Drive bed which is controlled by a 15033HC-G pendant. This bed is a 6-function bed which includes Head Up, Head Down, Foot Up, Foot Down, Bed Up and Bed Down. We do not provide voice capability for Bed up/down for safety reasons, but we do provide a hand remote (15033HC-G) that is wired to our controller and the only buttons that are active are the bed up/down buttons. Farzad can use voice commands that run for various durations to move the head/foot of the bed up/down.

For cases where there is an outage due to internet, Wifi or our service, we provided a switch box which enables the caregiver to switch between the voice controller and a fully functional 15033HC-G remote.

The voice commands can be issued through Alexa as well as through the Google Mini. The benefit of being able to voice control the bed via either smart speaker is redundancy as well as to be able to compare the performance of Alexa vs Google.

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