

Jeffrey Project – Detailed view (v1)

By Bill Weis

Requirements:

1. Be able to use voice commands to adjust his Ideal i4 queen-size bed

Solution – High Level:

1. The Ideal I4 bed is made by Customatic, and Customatic has their own voice module.

Details of the Solution

Jeffrey, like many with limited mobility cannot achieve the desired level of comfort while in bed due to his physical situation. Adjustable beds are a great asset to those with limited mobility, but only if they can control the movement of the bed. If they have lost the ability to work the hand controls of the adjustable bed, they are putting someone else in control of their comfort. Our own experience shows that if you give someone the ability to control the adjustable bed themselves, they will make significantly more adjustments than if they had to rely on a caregiver.

One way to give someone with limited mobility control of their adjustable bed is to implement a voice solution. Jeffrey has an Ideal i4 queen bed which is made by Customatic. Customatic has a voice module for their beds, however the components in this bed were not compatible with their voice module. A decision was made to remove and replace the existing controls, actuators and massage motors with new components that are compatible with their voice module. Customatic generously provided everything necessary to provide Jeffrey with a great voice solution where he can now control his own comfort.

Some incredibly special people made this project possible. Dan Riley (Sr. Electrical and Project Engineer, Customatic) along with support from Christine Lopez who was instrumental in getting the spare parts identified, shipped, and arranging the service tech visit.