

Touch Surface

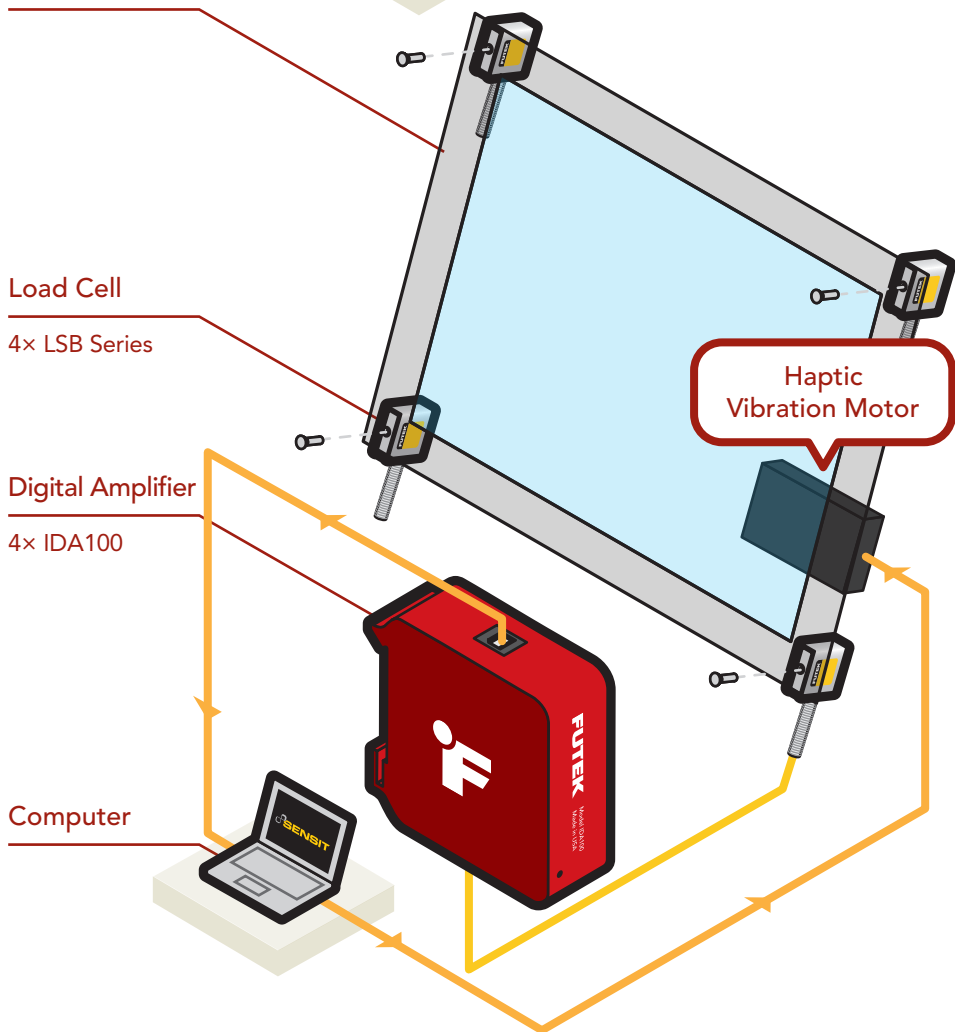
Load Cell

4x LSB Series

Digital Amplifier

4x IDA100

Computer



APPLICATION SUMMARY

As automotive entertainment UIs become more sophisticated, it's become harder to control them hands free without looking directly at the screen. The lack of tactile feedback results in the user's brain wanting to look at the screen to confirm input selection. By incorporating load cells to measure contact force, the on-board computer can confirm correct and incorrect inputs using varying vibrations, ensuring the driver that their input was correctly registered.

PRODUCTS IN USE

4 LSB200 In-line Tension and Compression S-Beam Load Cells each paired with an IDA100 Digital and Analog Amplifier

All FUTEK application illustrations are strictly conceptual. Please contact us with questions.