

Haptic

- [Haptic Touch Device Demo](#)
- [Haptic Vest VR Demo](#)

Haptic Touch Device Demo

Equipment: Quest 3, Haptic Touch Device

Set up:

1. Connect Quest 3 and Haptic Touch Device with respective USB cables to a computer, as well as the power connector to the Haptic Touch Device to an outlet. (Note: Haptic Touch Device Firmware must be installed on any pc using the device)
2. Connect USB Cable to Haptic Touch Device and Computer
3. Connect power connector to the Haptic Touch Device
4. Ensure that Haptic Touch Device Driver is installed on the PC otherwise the pen will be unresponsive ([Haptic Device Drivers](#) - Download OpenHaptics Touch Device Driver v2023.10.11 and run the calibration if using for a new pc)
5. Launch the “3D Systems Touch Demo” From the desktop folder

Controls/Navigation:

- Move the pen to interact with objects in each stage, physically touch and feel responses from different objects
- Touch arrows at the bottom of the stage to move to different stages
- Front button on the stylus will grab certain objects when held
- Rear button on the stylus will draw in the 3d pen stage
- Many stages contain blocks with wording on them, the wording tells you what will happen when it is touched such as resetting a station

Gameplay:

1. Player will start in front of a mirrored model of the 3d touch device
2. Interact with objects at different stages to see different capabilities of the touch device

Haptic Vest VR Demo

Equipment: Quest 2 “Haptic Ready” (HQ2-04), Haptic Vest

Set up:

1. Turn on the headset and create a new boundary. The playspace should be standing and allow for full range of arm motion.
2. Open the Haptic Vest VR Demo. From the menu bar, open the App Library. Open the drop down menu, select the folder “Unknown Sources, ” and open the Haptic Vest VR Demo. Remove the headset.
3. Turn on and connect the haptic vest. Press the triangular button on the back of the vest and then wait for the light to turn blue- this signifies the vest has been connected.
4. Put on the haptic vest. Once zipped, the vest should be adjusted until snug using buttons on the shoulders and the four straps on the side.
5. Put the headset on and begin the experience.

Controls/Navigation:

- X and A to teleport
- Interact by “touching” or “pushing” with controllers
- Use your controller to “push” the green buttons in the demo to mess around with the vest

Gameplay:

1. Landing Scene gives navigation, instructions, and warning.
2. Enter the door by the giant hornet. “Touch” or “push” green buttons to interact with the haptic experience.