**CONNECTING THE DEVICE**

**bhaptics Designer** | Web-based haptic feedback editing tool. Utilizing this tool, you can easily create a haptic feedback pattern without using a single line of code. Just like adding a subtitle to a video, you can add a haptic pattern to a video, a game, etc.

**bhaptics Player** | Desktop software, used for the optimization and control of your experience with TactSuit. Acting as a link between the device, application, and the bhaptics Designer, it controls the bluetooth connections, device settings, and more.

**bhaptics Plugin** | We support plugins for Unity3D and Unreal Engine, which can be found in the Asset Store and Marketplace. Please refer to the plugin manuals for how to use them. For any other SDKs, please contact us directly.

---

**BHAPHTICS PLAYER**

**01 Downloading software**

Downloads for the bhaptics Player software are available on our website: [www.bhaptics.com](http://www.bhaptics.com).

**02 Pairing**

With the device and PC bluetooth turned on, and with the BLE dongle plugged into the PC, if needed, find the Tactal icon on the Player interface. Right-click on the icon and click on the ‘pair’ button to find and pair the device.

- **Unpairing**: If a device has been paired before, it will connect automatically when turned on. To unpair, right-click on the paired device’s icon and select the ‘unpair’ button.
- **Firmware update**
  
  When an update is available, a notification will pop up on the settings button. The update can be found in the settings tab. Keep the firmware updated to its latest version. For more information visit our site.

**03 Testing haptic feedback**

The draw button can be found in the settings tab.

- **Path Mode**: Draw lines within the dotted section to create continuous haptic feedback.
- **Dot Mode**: Select specific vibro-tactile motors to activate.

**04 Enjoy and feel the next-generation haptic suit.**

*To use the Designer, enter the URL (https://designer.bhaptics.com) on your PC and Log-in. (Sign-up is required)*

---

**CONNECTING THE DEVICE**

**bhaptics Designer** | Web-based haptic feedback editing tool. Utilizing this tool, you can easily create a haptic feedback pattern without using a single line of code. Just like adding a subtitle to a video, you can add a haptic pattern to a video, a game, etc.

**bhaptics Player** | Desktop software, used for the optimization and control of your experience with TactSuit. Acting as a link between the device, application, and the bhaptics Designer, it controls the bluetooth connections, device settings, and more.

**bhaptics Plugin** | We support plugins for Unity3D and Unreal Engine, which can be found in the Asset Store and Marketplace. Please refer to the plugin manuals for how to use them. For any other SDKs, please contact us directly.

---

**BHAPHTICS PLAYER**

**01 Downloading software**

Downloads for the bhaptics Player software are available on our website: [www.bhaptics.com](http://www.bhaptics.com).

**02 Pairing**

With the device and PC bluetooth turned on, and with the BLE dongle plugged into the PC, if needed, find the Tactal icon on the Player interface. Right-click on the icon and click on the ‘pair’ button to find and pair the device.

- **Unpairing**: If a device has been paired before, it will connect automatically when turned on. To unpair, right-click on the paired device’s icon and select the ‘unpair’ button.
- **Firmware update**
  
  When an update is available, a notification will pop up on the settings button. The update can be found in the settings tab. Keep the firmware updated to its latest version. For more information visit our site.

**03 Testing haptic feedback**

The draw button can be found in the settings tab.

- **Path Mode**: Draw lines within the dotted section to create continuous haptic feedback.
- **Dot Mode**: Select specific vibro-tactile motors to activate.

**04 Enjoy and feel the next-generation haptic suit.**

*To use the Designer, enter the URL (https://designer.bhaptics.com) on your PC and Log-in. (Sign-up is required)*

---

**BHAPHTICS PLAYER**

**01 Downloading software**

Downloads for the bhaptics Player software are available on our website: [www.bhaptics.com](http://www.bhaptics.com).

**02 Pairing**

With the device and PC bluetooth turned on, and with the BLE dongle plugged into the PC, if needed, find the Tactal icon on the Player interface. Right-click on the icon and click on the ‘pair’ button to find and pair the device.

- **Unpairing**: If a device has been paired before, it will connect automatically when turned on. To unpair, right-click on the paired device’s icon and select the ‘unpair’ button.
- **Firmware update**
  
  When an update is available, a notification will pop up on the settings button. The update can be found in the settings tab. Keep the firmware updated to its latest version. For more information visit our site.

**03 Testing haptic feedback**

The draw button can be found in the settings tab.

- **Path Mode**: Draw lines within the dotted section to create continuous haptic feedback.
- **Dot Mode**: Select specific vibro-tactile motors to activate.

**04 Enjoy and feel the next-generation haptic suit.**

*To use the Designer, enter the URL (https://designer.bhaptics.com) on your PC and Log-in. (Sign-up is required)*

---

**bhaptics**

© 2018 bhaptics.Inc All rights reserved
**CONNECT**

**STEP 1**
Attach Haptic pad to HMD
Remove the cushion (cover) inside the HMD unit and attach the Tactal haptic pad to the cushioned area.

**STEP 2**
Attach Main controller to HMD
First, attach two Velcro hooks to the left side of the HMD. Then attach the main controller to the left side of the HMD using the two Velcro loops.

* Windows MR (Microsoft) attaches to the top of the front of the HMD device.

**Precautions**
Before using the Tactal, please read this manual carefully.

**Safety and Warnings**
- Do not leave the device on charge when not in use, as overcharging may shorten the battery life.
- Do not store the device in extreme cold or hot areas.
- Keep the device from liquids, it is not water-resistant.
- Do not use chemicals or cleaning solvents on the device.
- Do not throw, drop, or expose the device to physical impact.

**Care and Handling**
- Do not apply excessive force to the button.
- Do not expose the device to extreme weather conditions.
- Do not apply excessive force to the button.
- Do not expose the device to extreme weather conditions.
- Do not use the device on charge when not in use.

**STEP 3**
Connecting the device
Connect the connector of the haptic pad and the connection port of the main controller. Press the on / off button on the main controller to turn on the device. The device will blink to indicate it is ready for Bluetooth connection.

* Vive HMD (available only in versions prior to Vive Pro) has an extra USB port which can be used to maintain the device’s battery charge by connecting to the USB port in the headset to the Tactal’s main controller section for charging.

**STEP 4**
Wearing device
Wear the HMD the same as you would normally, being careful that the Tactal does not fall off the HMD and causing the connector to become taut.

**Tips for use**
- Using the bHaptics Player, users may test various vibration levels of vibro-tactile motors to optimize the Tactal experience.
- Keep track of the remaining battery through the bHaptics Player to prevent sudden shutdown of the Tactal.

**Compatible devices**
Tactal is optimized for the Vive model (Vive Vive Pro), Oculus, and Windows MR devices. For other devices, it may be required to attach Velcro to the HMD face.