

bHaptics X40

TactSuit X40 User Manual

Brand: bHaptics | **Model:** X40

Image: bHaptics TactSuit X40 Wireless Haptic Vest for VR Gaming banner.

1. INTRODUCTION

The bHaptics TactSuit X40 is an immersive haptic vest designed to enhance virtual reality (VR) and gaming experiences. Equipped with 40 individually controllable feedback motors, it delivers precise and powerful haptic sensations, bringing a new dimension of realism to your gameplay. The TactSuit X40 offers versatile connectivity options, including Bluetooth for wireless freedom and a 3.5mm audio jack for wired connections, ensuring compatibility across various platforms such as PC, PC VR, standalone VR, Meta Quest, PS VR2, and Steam VR.

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your TactSuit X40 to ensure optimal performance and a truly immersive experience.

2. PRODUCT OVERVIEW

2.1 Key Features

- **40 Feedback Points:** Experience powerful and sophisticated sensations delivered by 40 individually controllable feedback motors.
- **VR-Ready Haptic Suit:** Integrated into over 250 VR titles for fully immersive experiences.
- **Cross-Platform Support:** Connects to PC, PC VR, standalone VR, Meta Quest, PS VR2, and Steam VR.
- **Dual Connectivity:** Supports both Bluetooth for wireless use and a 3.5mm audio jack for wired connections.
- **Audio-to-Haptics:** Converts sound output into real-time haptic feedback.
- **One-Size-Fits-All Design:** Adjustable via shoulder snap buttons and side straps for a comfortable fit.
- **Rechargeable Battery:** Provides up to 12 hours of play time.
- **Detachable & Washable Mesh Lining:** For easy cleaning and hygiene.



**40 Haptic
Feedback Points**



Dual connectivity



**Wireless
Connection**



**Rechargeable
battery**



One-Size-Fits-All



**Cross-platform
support**



**Detachable &
washable mesh lining**



**12 Hours of
play time**

Image: Front and back views of the TactSuit X40, highlighting key features such as 40 haptic feedback points, dual connectivity, wireless connection, rechargeable battery, one-size-fits-all design, cross-platform support, detachable and washable mesh lining, and 12 hours of play time.

2.2 Components

Familiarize yourself with the main components of your TactSuit X40:

Front



Image: Diagram illustrating the front components of the TactSuit X40, including the Hanger Loop, Mesh Lining, 40 Haptic Motors, Shoulder Snap Buttons, and Noiseless Zipper.

Back

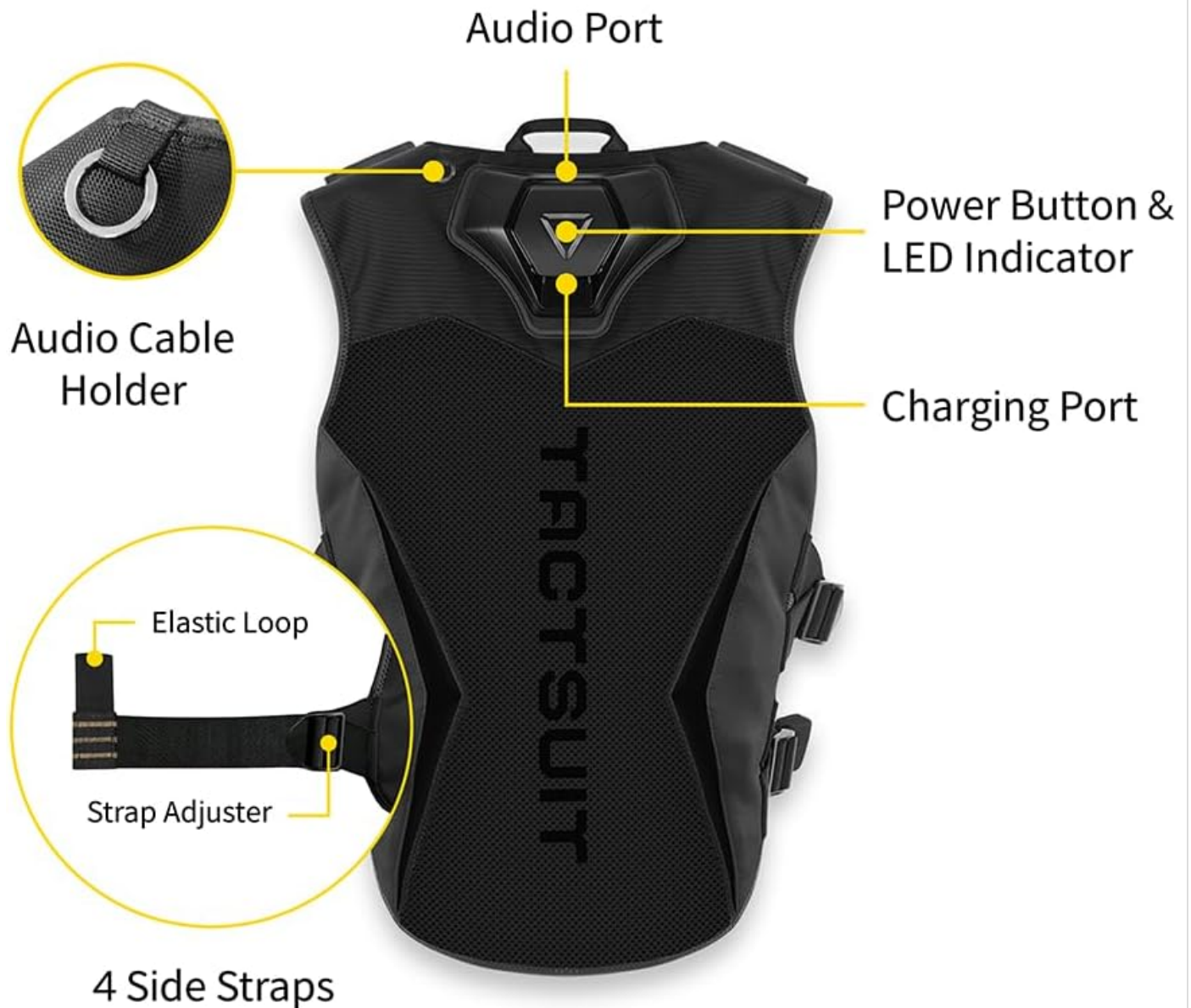


Image: Diagram illustrating the back components of the TactSuit X40, including the Audio Port, Power Button & LED Indicator, Charging Port, Audio Cable Holder, Elastic Loop, Strap Adjuster, and 4 Side Straps.

3. SETUP

3.1 Initial Charging

Before first use, fully charge your TactSuit X40. Connect the provided USB Type-C charging cable to the charging port located on the back of the vest and plug the other end into a 5V, 2A (max) USB power adapter. The LED indicator will show charging status and turn off when fully charged. A full charge takes approximately 5 hours.

3.2 Wearing and Adjusting the Vest

The TactSuit X40 is designed to be one-size-fits-all, with adjustable features to ensure a snug and comfortable fit for various body types.

- **Putting on the Vest:** Unzip the front of the vest and put it on like a jacket. Zip it up completely.

- **Adjusting Width:** Use the four side straps to adjust the vest's circumference. Pull the straps to tighten or loosen for a comfortable, secure fit around your torso. The vest can adjust from approximately 63.5cm (25") to 127cm (50") in width.
- **Adjusting Height:** Utilize the shoulder snap buttons to adjust the vest's length. There are multiple snap positions to accommodate different torso lengths, ranging from approximately 57cm (22.5") to 61cm (24").



63.5cm
(25")



127cm
(50")

Image: Diagram showing how to adjust the width of the TactSuit X40 using the side straps, indicating a range from 63.5cm (25") to 127cm (50").

57cm
(22.5")



61cm
(24")

Image: Diagram showing how to adjust the height of the TactSuit X40 using the shoulder snap buttons, indicating a range from 57cm (22.5") to 61cm (24").

3.3 Connectivity Options

The TactSuit X40 offers two primary ways to connect to your devices:

- **Bluetooth Connection:** For wireless freedom, pair the TactSuit X40 with your PC, PC VR system, or standalone VR headset via Bluetooth. Refer to your device's Bluetooth pairing instructions. A USB Bluetooth dongle is included for PC connections if your computer does not have built-in Bluetooth.
- **Wired Connection (3.5mm Audio Jack):** For devices that support wired audio output or for utilizing the Audio-to-Haptics feature, connect the vest using the provided 3.5mm coiled Aux Cable and Y-Splitter. This method allows the vest to convert audio signals into haptic feedback in real-time.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the TactSuit X40, press and hold the power button located on the back of the vest until the LED indicator illuminates. To power off, press and hold the power button again until the LED indicator turns off.

4.2 Using with VR/PC Games

The TactSuit X40 is designed for seamless integration with a wide range of VR and PC games, offering dedicated haptic feedback patterns.



Image: A user wearing the TactSuit X40 while playing a VR game, demonstrating the immersive experience.

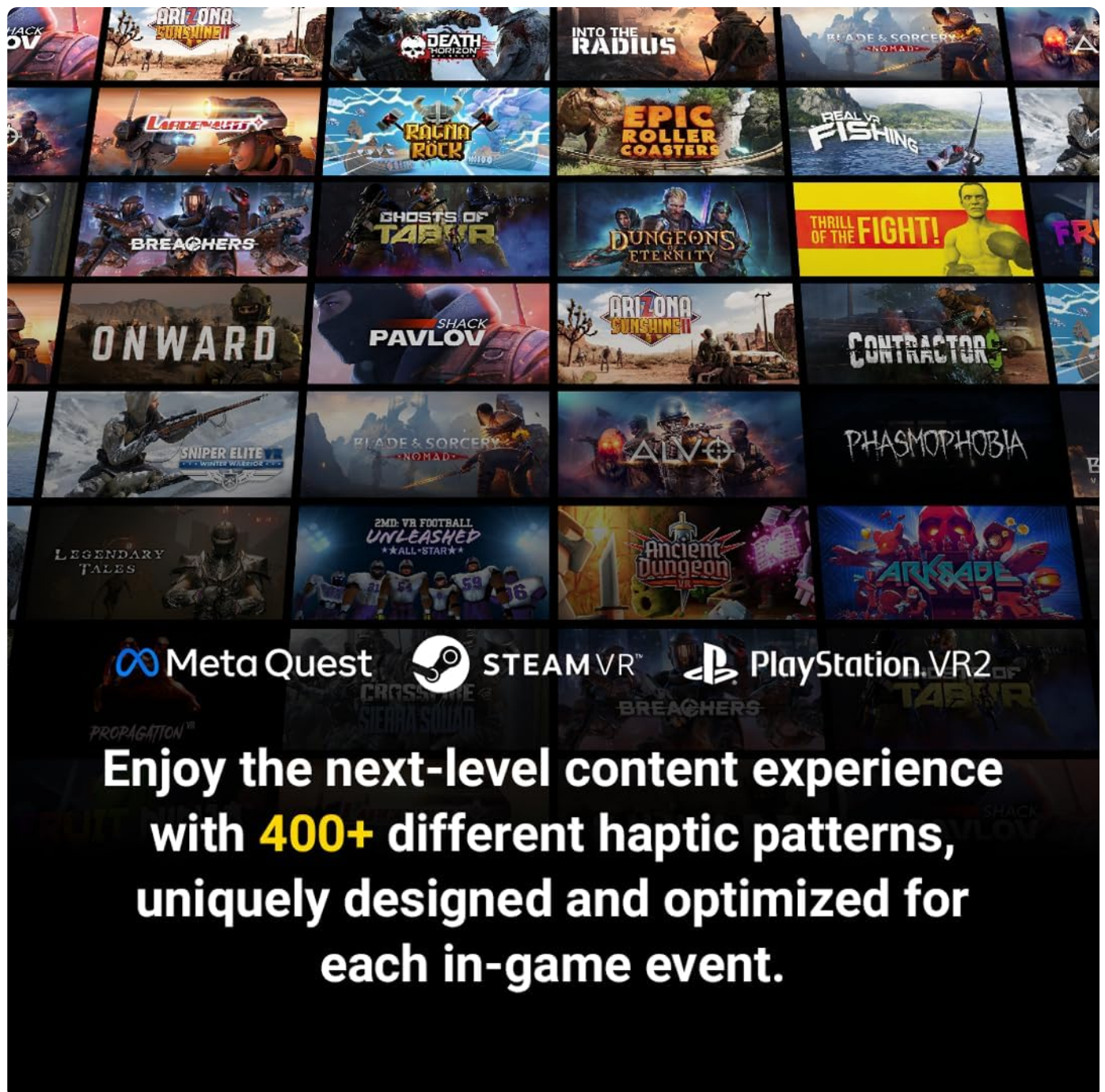


Image: A collage of various VR game titles compatible with the TactSuit X40, including support for Meta Quest, Steam VR, and PlayStation VR2.

For games with built-in haptic feedback, ensure your TactSuit X40 is connected via Bluetooth. The vest will automatically receive and translate in-game events into haptic sensations. Over 250 VR titles are integrated, offering more than 400 different haptic patterns optimized for specific in-game events.

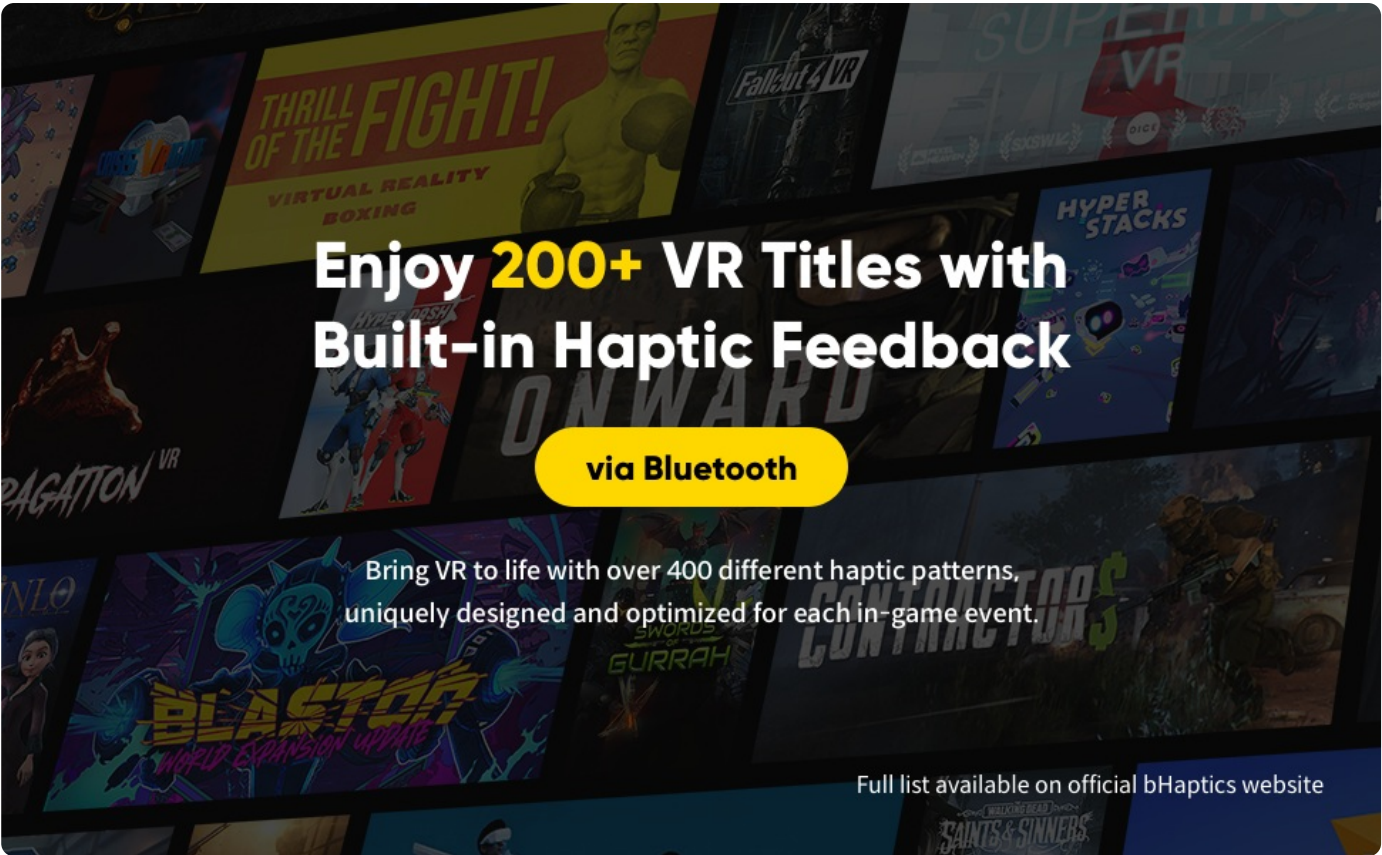


Image: Visual emphasizing compatibility with over 200 VR titles featuring built-in haptic feedback via Bluetooth, with a note that a full list is available on the official bHaptics website.

4.3 Audio-to-Haptics Function

If a game does not have native haptic integration, or if you wish to experience haptics from any audio source, utilize the Audio-to-Haptics feature. Connect the TactSuit X40 to your device's audio output using the 3.5mm Aux Cable. The vest will convert sound signals into real-time haptic feedback, allowing you to feel everything from subtle beats to powerful explosions.

Specifications



Haptics

40 feedback points
ERM Motor



Dual Connectivity

Bluetooth Connection
3.5mm Audio Jack



**VR Reday with
Embedded Haptics**



Cross-Platform Support

PC VR, Standalone VR,
Windows PC



One-Size-Fits-All

- Size: 25" ~ 50"
- Length: 22.5" / 24"

(adjustable with shoulder snap buttons)



Long Battery Life

Up to 18 hours *



Charging

5hrs w/ 5V, 2A (max)
USB Type C



**Detachable & Washable
Mesh Lining**

*When all feedback points are operating for 1 sec in every 10 sec at maximum intensity.

Image: Two individuals on a couch, one wearing the TactSuit X40, demonstrating the 'Plug in for More' feature, which uses Audio-to-Haptics technology to convert sound into haptic feedback.

5. MAINTENANCE

5.1 Cleaning the Vest

The TactSuit X40 features a detachable and washable mesh lining for hygiene. To clean:

1. Carefully detach the mesh lining from the vest.
2. Hand wash the mesh lining with mild soap and cold water.
3. Rinse thoroughly and air dry completely before reattaching to the vest.
4. Do not machine wash or tumble dry the mesh lining.
5. For the main vest body, wipe clean with a damp cloth. Do not submerge the vest in water.

5.2 Battery Care and Storage

- Store the TactSuit X40 in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% every few months to maintain battery health.
- Avoid fully discharging the battery frequently, as this can reduce its lifespan.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

Issue	Possible Cause	Solution
No haptic feedback	Vest is off, battery low, not connected, game not supported, software issue.	Ensure vest is powered on and charged. Verify Bluetooth or wired connection. Check game compatibility for native haptics or use Audio-to-Haptics. Restart vest and device.
Bluetooth connection unstable	Interference, distance, low battery.	Ensure vest is within range of the device. Minimize interference from other wireless devices. Charge the vest. Re-pair the device.
Vest not charging	Cable issue, power adapter issue, charging port damage.	Try a different USB Type-C cable and power adapter. Ensure the charging port is clean and free of debris.
Haptic feedback feels weak or inconsistent	Low battery, vest fit, game settings, Audio-to-Haptics volume.	Charge the vest. Adjust the vest for a snug fit. Check in-game haptic intensity settings. For Audio-to-Haptics, ensure audio volume is sufficient.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact bHaptics customer support for further assistance.

7. SPECIFICATIONS

Plug in for More

Don't see your game in the compatible games list?

Simply plug into the audio jack to feel everything from a single beat to heart-throbbing explosions.

Our unique Audio-to-Haptics technology converts sound output into haptic feedback in real time.



Image: Summary of TactSuit X40 specifications including haptics, connectivity, VR relay, cross-platform support, size, battery life, charging, and mesh lining.

Feature	Detail
Model Name	X40
Haptic Feedback Points	40 ERM Motors
Connectivity Technology	Bluetooth, 3.5mm Auxiliary
Compatible Devices	Personal Computer, Meta Quest, PS VR2, Steam VR
Operating System Support	Windows 10, Windows 11, Oculus (specific to Oculus Quest 2), SteamVR
Battery Type	1 Lithium Ion (included)
Battery Life	Up to 12 hours (typical usage)
Charging Time	Approx. 5 hours (with 5V, 2A max charger)
Charging Port	USB Type-C
Adjustable Width	63.5cm (25") to 127cm (50")
Adjustable Height	57cm (22.5") to 61cm (24")
Item Weight	6.39 pounds
Color	Black
Manufacturer	bHaptics Inc.

8. WHAT'S IN THE BOX

The TactSuit X40 package includes the following components:

- TactSuit X40 Haptic Vest
- Replacement Mesh Lining
- User Manual (this document)
- USB Type-C Charging Cable
- 3.5mm Coiled Aux Cable
- 3.5mm Y-Splitter

- USB Bluetooth Dongle

What's in the Box

- TactSuit X40
- Replacement Mesh Lining
- User Manual
- USB Type-C charging cable
- 3.5mm Coiled Aux Cable, Y-Splitter
- USB Bluetooth Dongle



Image: Visual representation of the TactSuit X40 and its included accessories: replacement mesh lining, user manual, USB Type-C charging cable, 3.5mm coiled Aux cable, Y-splitter, and USB Bluetooth dongle.

9. WARRANTY AND SUPPORT

The bHaptics TactSuit X40 is manufactured by bHaptics Inc. For detailed warranty information, product registration, and technical support, please visit the official bHaptics website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Manufacturer: bHaptics Inc.

For the most up-to-date information, software downloads, and a comprehensive list of compatible games, please refer to the official bHaptics support resources.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question