



REV: 2018-9

VenomXTM4
mouse controller combo

USER'S MANUAL

Thank you for purchasing Tuact **VenomX4TM**. Please read this manual before using your new **VenomX4TM**.

Package Includes

- . Venom-X4 Mouse
- . Venom-X4 Wand
- . Venom-X4 Transceiver
- . Joystick thumb rubber cap x 2
- . Micro USB cable x 2
- . PS4 controller cable Holder
- . XBox One controller cable Holder
- . Iron weights x 2
- . Quick User's Manual

Introduce to VenomX4™

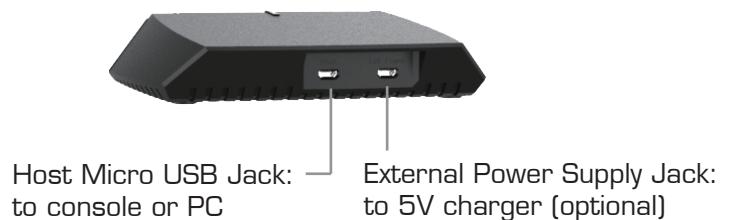
Mouse



Wand



Transceiver



Start with VenomX4™ mouse and wand

Open the Iron Weight cover to put one or two weight to get comfortable mouse weight.
To open the cover:

Left up the cover at the slot to open:



Put the weight irons onto the slots.
Switch the Mouse CPI:



Press the CPI button to switch the mouse CPI, 3 preset value can be selected, the LED color on Start button indicates the corresponding profile.

Open the wand battery cover to install battery :



Venom-X4 Wand works with one AA size battery: 1.2V Ni-CD/Ni-MH rechargeable, 1.5V carbon zinc or alkaline battery.

Power saving: The Wand will enter into the standby mode automatically after 5 minutes no activities; and will be turned off after 10 minutes to reduce the battery consumption.

Connect VenomX4™ Host

Depending on the controller connected to the front USB port, Venom-X4 identifies 5 gaming platforms, referred as the following modes:

1. Console mode: Playstation 3/Playstation 4 Mode (including PS4 Slim and Pro); Xbox360/XBox One Mode (including XBox One S);
2. PC Mode.

A connected PS3/PS4, or an Xbox360/XboxOne controller will let the Venom-X4 Transceiver entering into the console mode, the LED lights up with 1 of the 6 colors.

If no controller is connected to the Transceiver, it enters into the PC mode, the LED lights up with white color.

Note: For using with console, the controller MUST be connected to the Transceiver all the time during the game play. The PC mode is for PC game play and Setup.

There is a PS4 and an Xbox One cable holder included in the package.

Always install the holder to prevent the USB socket on controller from getting loose. More details about the holder and the installation, please refer to the Cable/Holder installation guide at:
<http://www.tuact.com/products/usb-cable-holder>



Connection Options

In addition to the Wand, Venom-X4 supports 3 types of devices simultaneously – 3rd party mouse or Venom-X4 mouse, keyboard and console controller, but only one of each type is recognized. The connected controller works only with its own console, cross-platform usage is not supported. For example, the PS4 controller can't be used on the XBox One console.

Important Note:

It is different from the older Venom-X, the Venom-X4 doesn't have the Host Select switch, it identifies the console platform or PC according to what controller is attached. In order to keep the Transceiver in proper mode, a controller MUST be connected all the time during the game play.

For XBox360 console, as the original wireless controller has no wired data function, user MUST have an official Wired controller or a 3rd party Wired XBox360 controller to work with Venom-X4.

External Power Supply

It is the same as an USB hub, the power supply to all the devices attached on the Transceiver eventually comes from the console USB port which is limited to maximum 500mA. The controller would draw more than 200mA power to charge its battery meanwhile the Venom-X4's circuit consumes 170-250mA, that will pretty much reach the power limit of single USB port. Therefore, when a keyboard and a mouse are connected to the Transceiver, the console USB port could be on "over-current" condition. A LED lighted keyboard or a wireless mouse with built-in rechargeable battery could instantly cause the console shuts down the port. To resolve this problem, Venom-X4 equipped with an External power supply port on its back panel as showing below:



External Power Supply Port

When connecting a keyboard or 3rd party mouse to the Transceiver, the external power supply is needed. User can connect the EXT Power port to the console's second USB port (if it is not in used) or a 5V cell phone charger to get extra power supply.

Important Note:

Some new cell phones may have the Fast/Quick charger which could output 9V or higher voltage, it could damage the Transceiver and the console if the 9V is output, please consult the charger manufacturer to make sure it can detect the standard USB 2.0 device and output 5V instead of high voltage.

The warranty does not cover your console and Venom-X4's damage lose caused by using non-5V charger.

Setup

To configure the personal settings, there are two ways to setup the Venom-X4 – PC Setup software (Windows) and Android Setup App.

The PC Setup software is used for off line setup with all the options available.

The Android App is more convenient that it doesn't need to disconnect the Transceiver from console.

Venom-X4 stores 6 configuration and layout profiles in hardware adjustable with the Setup software and the App.

The Setup software can upgrade the Mouse and Transceiver firmware.

The Venom-X4 Setup software can be downloaded from Tuact website at:

www.tuact.com/software/VenomX4-Setup-Installer.exe



The Venom-X4 Android App can be downloaded from our website at:

www.tuact.com/software/VenomX4-App-Installer.apk Or scan the QR code:

To setup Venom-X4, plug the Venom-X4 Transceiver onto your PC USB port WITHOUT any controller attached, the Windows would install the driver automatically the first time. Then run the Venom-X4-setup.exe to start your Venom-X4 configuration.

For more detailed instructions about Setup software and Android App, please refer to the Software and App Instructions, you can download them from our website at:

www.tuact.com/manual/VenomX4-Setup-Instruction.pdf

www.tuact.com/manual/VenomX4-App-Instruction.pdf

Operation

To adjust the mouse tracking resolution, press the CPI button. The LED will light up with the color corresponding to 1 of the 3 CPI value preset by the Setup Software.

Many of the Venom-X4 settings and functions can be adjusted and turned on/off during game play by the hot keys.

The charts below list all the functional key combinations for On the Fly adjustment.

Terms used in the chart:

- F button: Each of the Venom-X4 mouse and wand has a F (function) key, referred as the F(L) on wand, and F(R) on mouse.
- "+": The symbol of "+" means press two keys at the same time momentarily
- ADS: Aim Down Sight
- "↑↓→←": The arrow keys on keyboard

Venom-X4 On The Fly Hot Keys

	Function	Operation	Result
Mouse Speed	Mouse speed increase	F(R) + Wheel- Up	0.2x/wheel increment click
	Mouse speed decrease	F(R) + Wheel- Down	0.2x/wheel decrease click
	ADS Mouse speed increase	F(L) + Wheel- Up	0.2x/wheel increment click
	ADS Mouse speed decrease	F(L) + Wheel- Down	0.2x/wheel decrease click
Firing options	Auto Firing On/Off	F(R) + R1	Toggle Auto firing On/Off
	Auto firing tap select increase	F(R) + R4	Burst 2->3->4->FULL
	Auto firing tap select decrease	F(R) + R7	FULL->4->3->2 burst
	Anti-recoil compensation increase*	F(R) + Dpad Up	1- 20, +1/Dpad depress
	Anti-recoil compensation decrease*	F(R) + Dpad Down	1- 20, -1/Dpad depress
	Aim Down Sigh Lock On/Off	F(L) + L2	Toggle ADS Lock on/off
Swap	Swap Left stick and mouse	F(L) + L3	Swap Enable/Disable toggle
Mouse CPI	Switch Mouse CPI	CPI button	Green->Blue->Red cyclic
Pair	Pair Wand to Transceiver	F(L) + L4	Enter Pair mode
Profile Select	Select setting profile	Press Profile button on Transceiver	Red->Blue->Orange->Cyan->Purple->Green cyclic
Factory Mode	Enter the Mouse Factory mode	Hold the R3 to plug onto PC	Red-Blue-Green flashing cyclic
	Enter the Transceiver factory mode	Hold the Pair button to plug on to PC	Red-Blue-Green flashing cyclic
Wand stick calibrate	Calibrate wand stick**	F(L) + Power button	Renew the stick center

*: Supported by the firmware V4.0.0 or newer.

**: Supported by the firmware V5.0.0 or newer.

Keyboard On The Fly Hot Keys

	Function	Operation	Result
Mouse Speed	Mouse speed increase**	F12 + Wheel- Up	0.2x/key stroke
	Mouse speed decrease**	F12 + Wheel- Down	0.2x/key stroke
	ADS Mouse speed increase**	F11 + Wheel- Up	0.2x/key stroke
	ADS Mouse speed decrease**	F11 + Wheel- Down	0.2x/key stroke
Firing option	Auto Firing On/Off	F12 + Mouse-left click	Toggle Auto firing on/off
	Auto firing tap select increase	F12 + →	Burst 2->3->4->continue
	Auto firing tap select decrease	F12 + ←	Continue->4->3->2 burst
	Anti-recoil compensation increase*	F12 + ↑	1- 20, +1/key stroke
	Anti-recoil compensation decrease*	F12 + ↓	1- 20, -1/key stroke
	Aim Down Sigh Lock On/Off	F11 + L	Toggle ADS Lock on/off
Swap	Swap Left stick and mouse	F11 + W	Toggle Enable/Disable

Note: F11, F12, ↑, ↓, → and ← are the function and arrow keys on keyboard.

*: Supported on Firmware 4.0.0 or newer.

**: Hot Keys are changed in Firmware V4.0.0 and newer.

LED Display

It is important to familiar with the Venom-X4's LED display, it indicates the current working mode and the status. It also provides the information for locating the problem when trouble shooting.

Venom-X4 Mouse LEDs

Red –	Current mouse CPI is at high preset value
Blue –	Current CPI is at medium preset value
Green –	Current CPI is at low preset value
3 color alternating –	Factory mode for firmware code recovery.

Note: CPI value is pre-set by the Setup software, the Android App doesn't support the mouse setup.

Transceiver Multi-function LED

Working modes:

Red –	Powered on, Red profile is in use
Green –	Powered on, Green profile is in use
Blue –	Powered on, Blue profile is in use
Orange –	Powered on, Orange profile is in use
Cyan –	Powered on, Cyan profile is in use
Purple –	Powered on, Purple profile is in use
Flashing Blue –	WiFi mode for configuring with Android APP
3 color alternating –	R-G-B color in sequence: factory mode for firmware code recovery
White –	Powered on in PC Mode

Status:

Color Burst Blinking –	Data is received from wand, mouse and keyboard
Fast Flashing white –	In RF pairing progress, waiting for a wand to pair
Fast Flashing Blue –	In WiFi pair progress, waiting for mobile phone to pair
Flashing red –	Controller data link has lost, need to check the cable connection
Flashing white –	Controller doesn't response to the transceiver, check the cable

Venom-X4 Wand LED

LED solid On –	Power on and connected to the Transceiver;
LED fast flashing –	In pair progress, searching for a Transceiver to pair
LED rolling –	The wireless connection is lost, and searching for a Transceiver

Pair the Wand to Transceiver

Venom-X4 wand needs to be paired to the Transceiver because it is only allowed to talk to one Transceiver. Please note that the Firmware upgrade and Setup software configuration DO NOT change the pairing, Tuact always pair them at factory before it was shipped. Users DO NOT need to pair the Wand unless in the following cases:

1. Any of the Wand or Transceiver is the new replacement which was not paired previously.
2. Connect the Wand to another Transceiver.

To pair the Wand and Transceiver, refer to the Venom-X4 hot-key chart

Pair the Android mobile phone to Transceiver

Before use a mobile phone to setup the Venom-X4, the WiFi access information needs to be sent to the Transceiver, the Transceiver needs the WiFi SSID and password. When it is paired, Venom-X4 Transceiver would connect to the WiFi automatically as soon as it is in the WiFi mode.

Please note that the Firmware upgrade and Setup software configuration DO NOT change the WiFi pairing information, user needs to re-pair the WiFi only when the following conditions occurred:

1. The Transceiver is the new replacement
2. The home WiFi SSID or password has been changed

To pair the Transceiver to the WiFi router, refer to the Venom-X4 App Instruction for details

Firmware

The Venom-X4 Transceiver and Mouse firmware are upgradeable. The Setup software can list all the firmware available, it notifies the latest firmware automatically if the firmware version in the hardware is older.

The firmware code can be saved to PC as backup, and upgraded from local PC file.

Tuact releases new firmware from time to time when adding new functions or fixing bugs. You can also check our website at www.tuact.com for detailed information and update history.

Firmware Recovery:

Some times, the static electricity or the incomplete firmware upgrade could cause the code lost. It can be recovered in the Factory mode:

Transceiver:

Press and hold the Pair button to connect the Transceiver to PC until it is fully plugged in. The LED flashes 3 color sequentially when it is in the factory mode.

Mouse:

Press and hold the wheel down(R3) to connect the Mouse to PC until it is fully plugged in, The LED flashes 3 color sequentially when it is in the factory mode.

Then upgrade the Transceiver or Mouse firmware as normal, when the firmware upgrade is complete, the code is recovered.

Technical Support

1. Visit our web site at: www.tuact.com/support.html
2. Basic technical support from retail seller.
3. Contact Tuact support by email at: support@tuact.com.

Warranty

Venom-X4 is warranted to the ORIGINAL purchaser for the normal intended use for a period of one year from the date of purchase.

If a defect covered under this warranty occurs, please contact your local distributor where you purchased the product from.

Note: Tuact Corp. DO NOT manage the warranty service, and DO NOT replace the defectives directly to user.

Specifications

Mouse

Max Tracking Speed:	400 IPS
Max Acceleration:	50g
Polling Rate:	125 - 1000Hz (8ms – 1ms)
Resolution:	1000-16000 CPI
Lift up detection:	0.5 - 3mm
Buttons:	12(11 action, 1 Function)
Weight:	115g – 130g adjustable

Wand

Wireless:	2.4GHz ISM band frequency hopping
Buttons:	10 (9 action, 1 Function)
Joystick:	4 way analog
Weight:	95g with battery

Transceiver

Wireless:	2.4GHz ISM band frequency hopping
WiFi:	2.4GHz IEEE802.3
USB port:	Front: 3; Back: 2
Host platform:	PS4/PS4 Slim/Pro, PS3, XBox360, XBox One/XBox One S and PC
Support devices:	USB mice/keyboards, Apple keyboard; PS4/PS3 controller, XBox One controller, and XBox360 wired controller
Profile memory:	25 (6 for each console platform, 1 for PC platform)