

**SURREAL**  
**ST1R**  
**Touch**  
**Controller**



# Surreal ST1R Touch Controller User Manual

[Home](#) » [Surreal](#) » Surreal ST1R Touch Controller User Manual 

## Contents

- 1 Surreal ST1R Touch Controller
- 2 Product Usage Instructions
- 3 FAQ
- 4 Introduction
- 5 Safety Information
- 6 Getting Started
- 7 Using Surreal Touch
- 8 Advanced Features
- 9 Specifications
- 10 Support
- 11 Documents / Resources
  - 11.1 References

**SURREAL**

## Surreal ST1R Touch Controller



## Specifications

Specification	Detail
Length	7 inches
Width	3 inches
Height	1.5 inches
Weight	0.3 lbs
Battery Life	Up to 10 hours

Product Usage Instructions

Unboxing

Inside your Surreal Touch package, you will find:

- 1 x Surreal Touch Controller
- 1 x USB-C Charging Cable
- 1 x Quick Start Guide

Charging the Controller

Before using the controller for the first time, charge it fully.  
Connect the USB-C cable to the charging port on the controller and plug the other end into a power source.

**LED Indicator:** Orange Solid (Charging), Green Solid (Fully Charged)

Pairing with Apple Vision Pro

To pair the Surreal Touch with your Apple Vision Pro:

1. Turn on the Surreal Touch by long-pressing the menu button for 30 seconds until the LED blinks orange and you feel a short vibration.
2. Enter pairing mode by pressing and holding A+B or X+Y buttons for 3 seconds. The LED will blink green.
3. Follow the on-screen instructions on your Vision Pro to complete pairing.

Using Surreal Touch

Basic Operations

Action	LED Color	Additional Info
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**LED Indicators**  
Refer to the table above for the meaning of different LED colors and actions.

**Recharging the Controller**  
To recharge the controller, connect the USB-C cable to the charging port. The LED will show the current charging

status.

## Upgrading Firmware

Firmware updates are delivered over-the-air (OTA). When an update is available, the controller will automatically enter upgrade mode, indicated by a blinking orange LED. The controller will reboot and apply the update.

## Troubleshooting

If you encounter issues:

- Ensure the controller is charged.
- Check that the controller is properly paired with your Apple Vision Pro.
- Reset the controller by turning it off and on again.

For further assistance, visit our support page.

## FAQ

### **Q: How long does it take to fully charge the Surreal Touch Controller?**

**A:** The Surreal Touch Controller takes approximately 2 hours to fully charge from empty to 100%.

### **Q: Can I use the Surreal Touch Controller while it is charging?**

**A:** Yes, you can continue using the Surreal Touch Controller while it is charging.

## Introduction

Thank you for choosing the Surreal Touch Controller. Your wireless controller lets you experience the ultimate in wireless freedom with precision speed and accuracy, enhancing your interaction with the Apple Vision Pro.

## Safety Information

- Ensure the controller is kept away from water and extreme temperatures.
- Do not attempt to disassemble or modify the controller.
- Charge the controller only with the included USB-C cable.

## Getting Started

### Unboxing

Inside your Surreal Touch package, you will find:

- 1 x Surreal Touch Controller
- 1 x USB-C Charging Cable
- 1 x Quick Start Guide

### Charging the Controller

Before using the controller for the first time, charge it fully. Connect the USB-C cable to the charging port on the controller and plug the other end into a power source.

- LED Indicator: Orange Solid (Charging), Green Solid (Fully Charged)

**Pairing with Apple Vision Pro**

To pair the Surreal Touch with your Apple Vision Pro:

1. Turn on the Surreal Touch by long-pressing the menu button for 30 seconds until the LED blinks orange and you feel a short vibration.
2. Enter pairing mode by pressing and holding A+B or X+Y buttons for 3 seconds. The LED will blink green.
3. Follow the on-screen instructions on your Vision Pro to complete pairing.

**Using Surreal Touch**

**Basic Operations**

Action	LED Color	Additional Info
Power On	Orange Blinking	Long press menu button for 30s, short vibration
Hibernate	OFF	Automatic after 3 minutes of inactivity
Wake Up	Green Blinking	Press any button, short vibration
Turn Off	OFF	Long press menu button for 6s, power off
Pairing Mode	Green Blinking	Long press A+B or X+Y for 3s
Connected	Green Solid	Short vibration
Low Battery	Red Blinking	Battery level < 20%
Critical Battery	Red Solid	Battery level < 10%
Charging	Orange Solid	Battery level < 100%
Fully Charged	Green Solid	Battery level = 100%
Upgrading	Orange Blinking	Reboots and upgrades after verification

## LED Indicators

Refer to the table above for the meaning of different LED colors and actions.

## Recharging the Controller

To recharge the controller, connect the USB-C cable to the charging port. The LED will show the current charging status.

## Advanced Features

### Upgrading Firmware

Firmware updates are delivered over-the-air (OTA). When an update is available, the controller will automatically enter upgrade mode, indicated by a blinking orange LED. The controller will reboot and apply the update.

## Troubleshooting

If you encounter issues:

- Ensure the controller is charged.
- Check that the controller is properly paired with your Apple Vision Pro.
- Reset the controller by turning it off and on again.

For further assistance, visit our support.

## Specifications

### Specification/Detail

- Length: 125mm
- Height: 77mm
- Width: 71mm
- Weight: 148g
- Battery Life: >4 hours
- Charging Port: USB-C
- Tracking Accuracy: <10mm, < 1deg, 100Hz
- Connection: Bluetooth LE 4.0
- OTA support: YES

## Support

For warranty claims, repairs, or support, please contact our customer service team.

## FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
  2. this device must accept any interference received, including interference that may cause undesired operation.
- Any Changes or modifications not expressly approved by the party responsible for compliance could void the

user’s authority to operate the equipment.

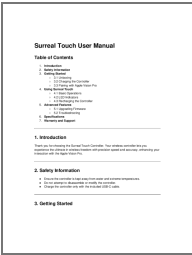
**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

**Documents / Resources**

	<p><a href="#">Surreal ST1R Touch Controller</a> [pdf] User Manual 2BLZS-ST1R, 2BLZSST1R, ST1R Touch Controller, ST1R, Touch Controller, Controller</p>
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**References**

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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