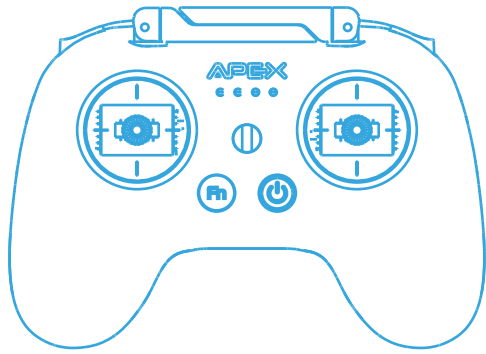


105*135mm
128g双铜

封面

APEX FPV



T19 Remote Control Instruction Manual

User Manual

Apex T19 Remote Controller is a brand-new simulator transmitter launched by Apex. It supports multiple mainstream FPV simulators, RC flight simulators, and DJI Virtual Flight, and is compatible with various systems to meet the training needs of both beginners and advanced pilots.



Audio Interface Type-C Interface

1. Product Overview

1.1 Features

- Equipped with Apex' s latest Apex T19 remote control system.
- Provides 9 output channels, including 4 customizable switches.
- Upgraded with high-precision, long-lifespan gimbals, synchronized with the Apex T19 series.
- Supports mainstream FPV simulators, RC flight simulators, and DJI Virtual Flight.
- Compatible with multiple systems, including Windows, MacOS, and Android.
- No battery required, Just plug and play.

= 1 =

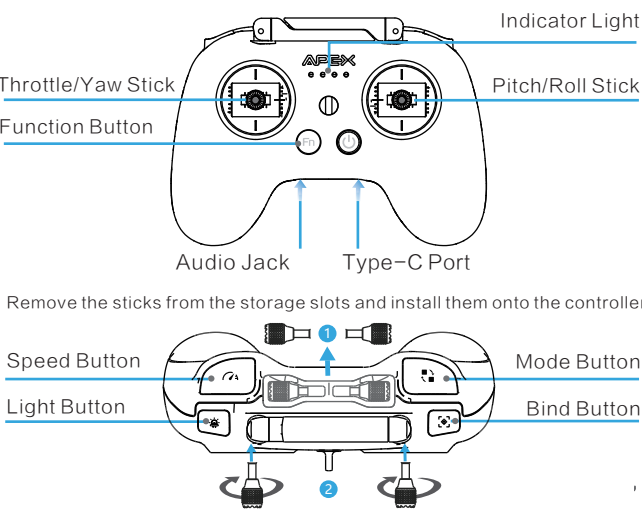
User Manual

1.2 Specifications

Product Model: Apex T19
Operating Current: 30mA / 5V
Output Interface: Type-C USB
Power Supply: USB powered
Operating Temperature: -10° C to 40° C
Product Weight: Approx. 110g
Dimensions: 134mm × 97mm × 69mm

1.3 Appearance

The front view of the Apex T19 remote controller is shown below.



Remove the sticks from the storage slots and install them onto the controller.

= 2 =

User Manual

2. Power On / Off

- Connect the Apex T19 remote controller to a computer using a Type-C data cable — the controller powers on and the indicator light turns green.
- Disconnect the cable — the controller powers off

3.Simulator Connection

The Apex T19 remote controller can connect to a computer, smartphone, or tablet for practicing FPV simulators, RC flight simulators, or DJI Virtual Flight.



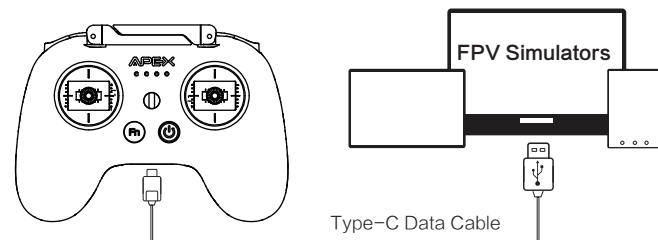
Supported Simulators:

Simulator Name	Connection Mode
Black Sheep Simulator, UNCRASHED, DRL, DCL, LIFTOFF / TryFPV, FeelFPV, FPV Freerider, Lingdong Flight Simulator, and drone simulators on the STEAM platform	Joystick Mode
Aerofly RC8, DJI Virtual Flight	Xbox Mode
Phoenix RC 6.0	Dongle Mode

= 3 =

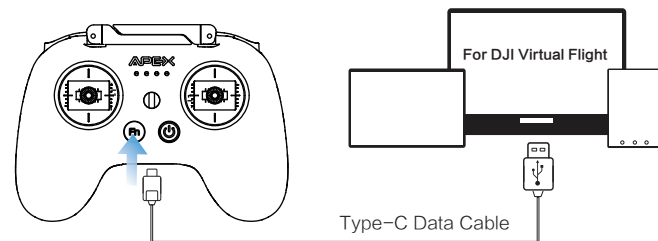
User Manual

3.1 Method 1: Joystick Mode



- Connect the Apex T19 remote controller to a computer, smartphone, or tablet using a Type-C cable.
- The controller will be recognized as “Apex T19” .

3.2 Method 2: Xbox Mode

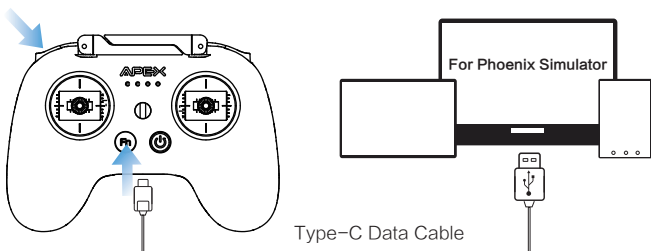


- While holding the FN button, connect the controller to the computer using a Type-C cable.The indicator light will flash three times quickly, indicating that Xbox Mode is activated.The controller will then be recognized as “ApexT19” .
- At this point, the ApexT19 remote control can be recognized as "ApexT19".

= 4 =

User Manual

3. 3 Method 3: Dongle Mode



- While holding the FN button and the Light button, connect the controller to the computer using a Type-C cable.The indicator light will flash four times quickly, indicating that Dongle Mode has been successfully activated.
- The controller will then be recognized as “ApexT19”

4. Simulator Software Settings

4.1 FPV / RC Flight Simulators

- Connect the Apex T19 controller to a computer, smartphone, or tablet in joystick control mode.
- Open the simulator software, go to Settings → Controls, and set the channel mapping for the Apex T19 controller.
- Start flight training.

Tip:

- Most FPV and RC flight simulators have similar channel mapping settings, but there may be slight differences. Please refer to the actual configuration options within your simulator software.

= 5 =

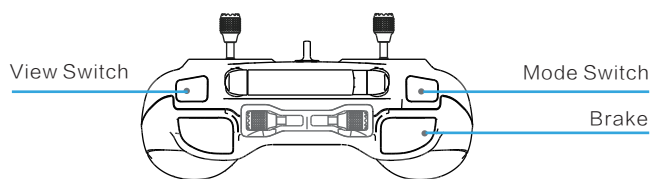
User Manual

4.2 DJI Virtual Flight

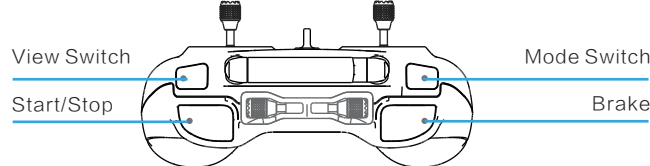
- Connect the Apex T19 controller in Xbox Mode to a Windows device, or in Joystick Mode to an Android device.
- Open the DJI Virtual Flight software and follow the on-screen instructions to enter the flight interface.
- Start flight training.

At the factory, the Apex T19 controller is preconfigured with default key functions for DJI Virtual Flight, as shown below:

- Xbox Mode



- Joystick Mode



= 6 =

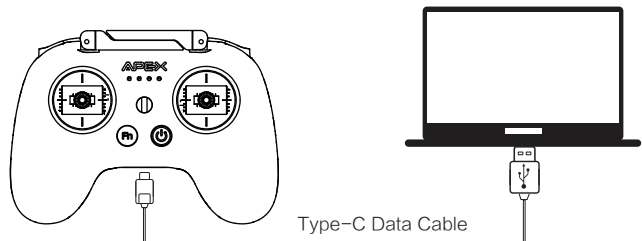
User Manual

5. Stick Calibration

Calibrating the stick center position
Calibrating the stick boundary range

Calibration Status	Indicator Light	Description
Center Calibration	Fast flashing (10Hz)	Enter calibration mode and move all sticks to the center position to set the midpoint.
Boundary Calibration	Slow flashing (2.5Hz)	Gently move each stick to the upper, lower, left, and right edges to set the full movement range.
Calibration Complete	Breathing light resumes	Stick calibration successful.

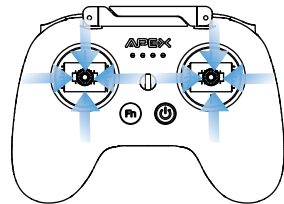
1. Connect the remote control to the computer using a Type-C data cable.



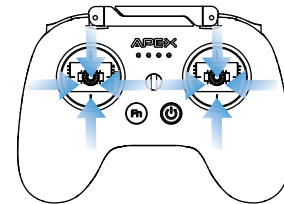
= 7 =

User Manual

2. Move all control sticks to the center position.



3. Press and hold the FN button + Mode button to enter the first stage of stick calibration.
4. The indicator light will flash slowly at 2.5Hz, indicating entry into the second stage.
5. Move each stick gently to touch the upper, lower, left, and right boundaries until the indicator light returns to the breathing light state, meaning calibration is complete.



Note:

- The sticks of the Apex T19 controller are factory-calibrated. Recalibration is only necessary after strong impacts or if noticeable stick signal drift occurs after long-term use.

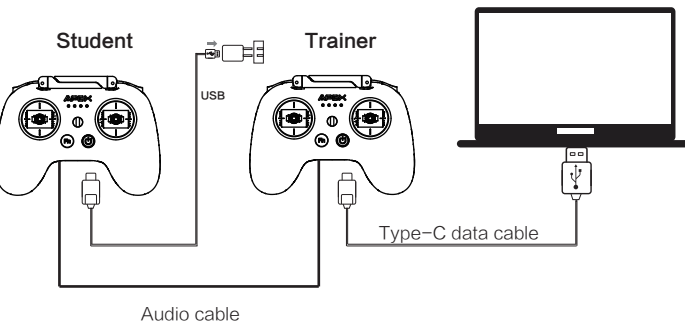
= 8 =

User Manual

6.Trainer Mode

Press FN + Speed button to switch to Trainer Mode.

Student: controls the aircraft.Trainer: can take over control at any time by moving the sticks.



7.Disclaimer

Before using this product, please carefully read and follow the instructions in this manual.

APEX FPV may not provide warranty or after-sales services for malfunctions or failures caused by improper operation.

By using this product, you acknowledge that you have read and accepted all terms related to the product.

Product documentation may be updated without notice. Please visit www.apextoyscn.com for the latest information.

= 9 =