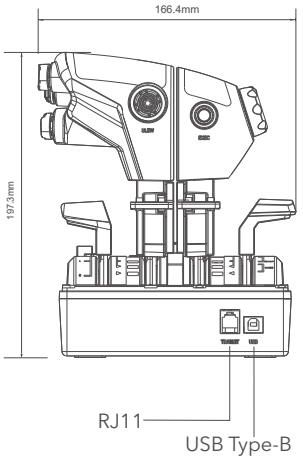
MOZA
FLIGHT

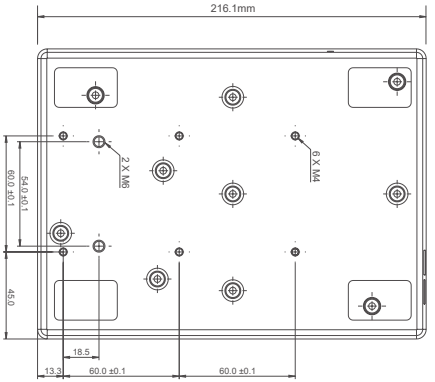
Quick Guide

MTQ Throttle Panel

User Manual

01 Parameters





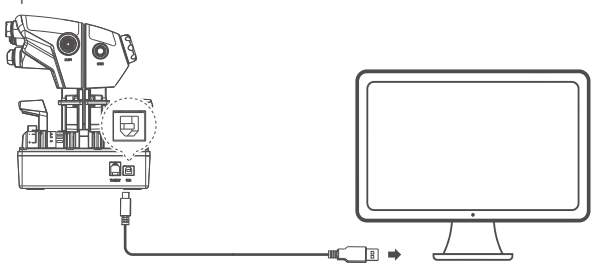
02 User Guide

Connecting to PC

1. Direct Connection to PC

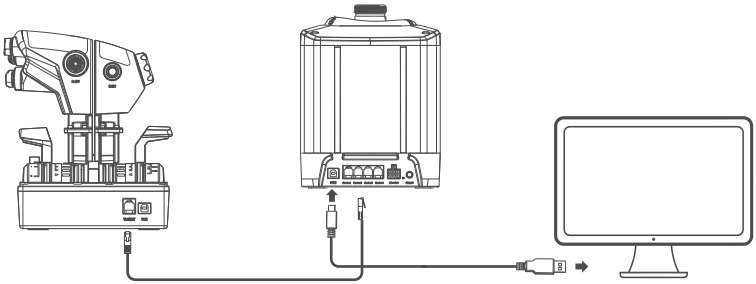
Use the included USB cable to connect the Type-B end to the corresponding port on the back of the MOZA MTQ Throttle Quadrant, and the Type-A end to your PC. If connected successfully, the device's light will gradually illuminate, and the MOZA Cockpit will indicate that the device is connected.

* If the device fails to light up, check whether the light brightness is turned off in the MOZA Cockpit.



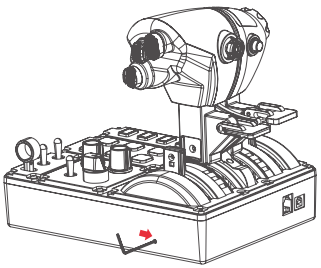
2. Connecting to PC through MOZA Flight Base

Connect one end of the included RJ11 cable to the corresponding port on the MOZA MTQ Throttle Quadrant and the other end to the MOZA Flight Base. Power on the base; if connected successfully, the device light will illuminate. and the MOZA Cockpit will indicate that the device is connected.



Adjusting Sliding Friction

To adjust the sliding friction of the levers, use the included wrench to turn the screw clockwise to increase or counterclockwise to decrease.

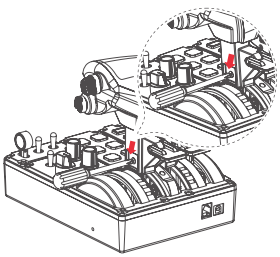


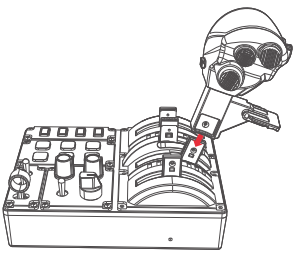
Replacing the Throttle Levers

To replace the throttle levers, follow these steps:

1. Loosen the Fixing Screw
   Use the provided wrench to loosen the fixing screw at the indicated position.
2. Remove the Existing Levers
   Once the screw is loosened, gently pull out the existing throttle levers.
3. Install the New Lever Module
   Align the new throttle lever module with the connecting rod, then insert it fully until it is secure without wobbling.
4. Secure the New Levers
   Using the provided wrench and screwdriver, tighten the screw at the indicated position to ensure the new lever module is firmly secured in place.

*Note: TQA and TQB need to be purchased separately.

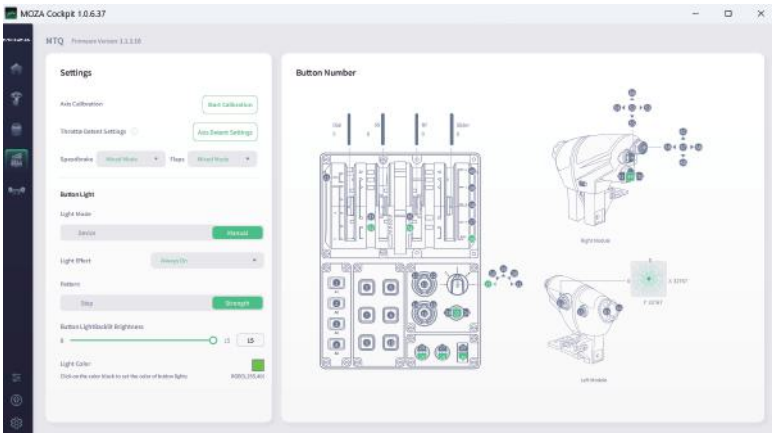




03 Software Introduction

Panel Settings

When the throttle levers are replaced, the right-side diagram automatically updates to match the new layout and inputs.

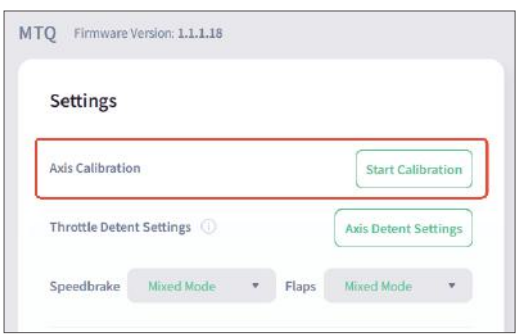


Axis Calibration

The throttle quadrant sticks are factory-calibrated and ready for immediate use. If you notice a mismatch between the physical movement of the sticks on the TQF and the corresponding axis output, you may need to perform axis calibration.

To begin calibration:

- Click the “Start Calibration” button.
- Follow the on-screen instructions. Before the countdown ends, move all sticks (throttle, flap, and speedbrake) back and forth through their full range of motion.
- Once calibration is complete, the sticks will function properly.



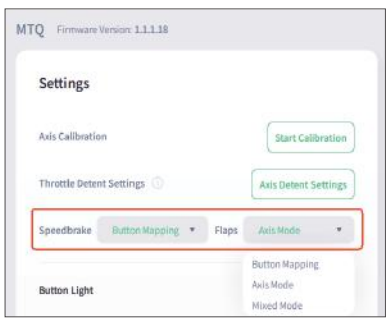
Axis Detent Function

This feature maps throttle travel to game input with precision and defines Cutoff, Idle, and Afterburner zones.
Users can calibrate detent positions via the settings window; six virtual buttons will be added for mapping each zone.
The Axis Output panel shows logical axis values (top) and physical travel percentage (bottom) for easy alignment and feedback.

Speedbrake and Flap Axis Mapping Modes

The speedbrake and flap levers support three modes:

- Button Mode: Outputs only button signals, no axis data.
- Axis Mode: Outputs raw analog axis values.



Button Light

Lighting Control Modes

Lighting control modes determine how the software manages the button lighting. Users can choose between two modes:

- Device Mode: Button lighting responds dynamically to input from a selected control axis (e.g., the speedbrake axis). As the axis value changes (e.g., the speedbrake axis value increases), the lights react according to the selected lighting pattern.
- Manual Mode: Manually adjust the button lighting using the brightness slider and lighting effect dropdown in the software interface.

Button Lighting & Effects

This device supports customizable backlighting and lighting effects. Users can configure lighting modes and colors via the Cockpit software to create a personalized visual experience.

Supported features:

- Multiple lighting modes (Static, Blinking, Breathing)
- Button lighting feedback
- 16.7 million-color RGB customization
- Pattern and brightness adjustment

Click the color swatch in the MOZA Cockpit interface to select your preferred lighting style and brightness.

04 Precautions

- Do not expose the device to liquids or humidity as it may cause fire or electric shock.
- Avoid using the device in direct sunlight.
- Do not use MOZA flight sim gear with the MOZA racing gear.
- Recommended indoor temperature: 5°C ~ 35°C.
- For your safety and well-being, please monitor your gaming time and take breaks as needed.
- The device is not suitable for children under the age of 6, small accessories may pose a choking hazard!
- Children under 13 should have adult supervision.
- It is strictly forbidden to disassemble the equipment by yourself, failure to adhere to this will result in loss of warranty.
- The equipment must be connected with the factory-supplied power supply to ensure the electrical safety and the protection of user rights and interests.
- In order to ensure user safety, parts repair or replacement can only be carried out by officially authorized repair centers.
- Non-standard power supplies are strictly prohibited even if data such as related voltages match.
- Use only AC power provided by a standard wall outlet to avoid damage to the product.
- Do not expose the device to heat sources.
- Unplug the power cord of the device if it will not be used for a long time.
- If you find any abnormality, please stop using it immediately and seek help from MOZA representatives or authorized repair centers.
- Stay tuned to our official website and social media platforms for the latest product updates.

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