MOZA
FLIGHT

AB6 Flight Simulator

01 AB6 Force Feedback Base

Base Connection Ports


188mm

163 mm

Power Switch

POWER Dev 1 Dev 2 Dev 3   USB   DC INPUT

Rudder Pedal

Throttle

Dash Display

Power

USB-B(Connect to Computer)

Flight Stick
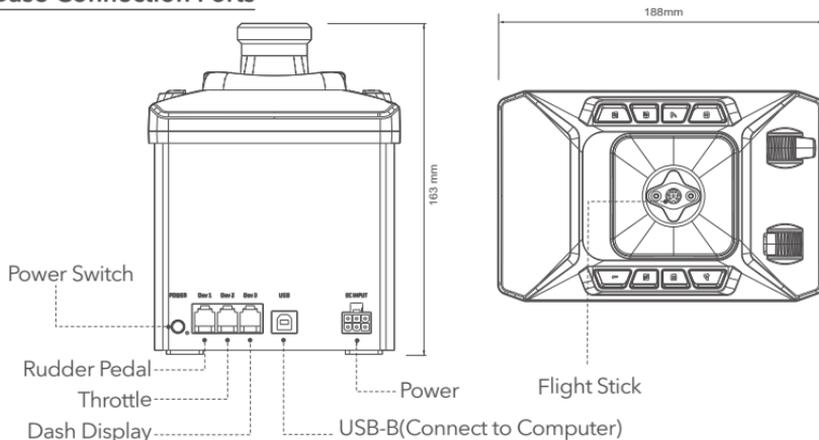
Installation Guide

Mounting the Base

Mounting to a Desktop:

1. Use the included wrench and four M6 screws to attach the C-shaped clamp and mounting plate to the height adjustment bracket. Adjust the height to your preference before tightening securely.

2. Use the included wrench and M4 screws to mount the AB6 base onto the plate. Make sure it's firmly secured with no looseness or wobble.

3. Place the assembled clamp onto your desk. Turn the star-shaped knob until the clamp is tightly fastened to the desktop.
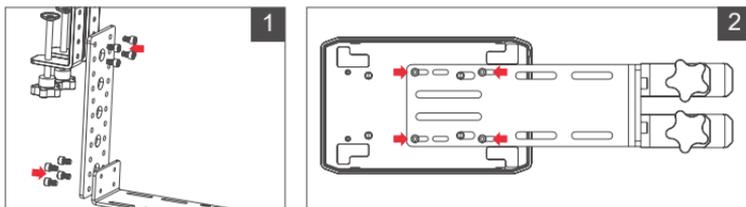
Note:The base can also be mounted to select sim racing rigs using the threaded holes on the bottom side.

Power and USB Connection

1. Connect the power cable and USB Type-B cable to their respective ports at the back of the AB6 Base. Plug the power cable into a 220V outlet. Press the switch briefly to power on (Short press to power on, long press to power off). A quick flashing of the power indicator confirms successful power connection.

2. Connect the USB Type-A end to your PC. Once connected, the power indicator will remain lit.

Visit www.mozaracing.com and navigate to the Help Center to download and install the MOZA Cockpit software.

Connecting the MHG flightstick
1. Pull out the connection cable from the flightstick. Connect the flightstick to the aviation base connector in the direction indicated by the forward-facing arrow.
2. Tighten the nut ring on the flightstick by turning it clockwise (see Diagram 2).
3. Use the provided wrench to turn the screw on top of the nut ring clockwise until the stick is firmly secured.

Connecting other flightsticks
1. Hand-tighten the ring nut clockwise.
2. While continuing to turn the nut clockwise, firmly twist the flightstick left and right. Keep tightening until the flightstick is locked solidly onto the base.
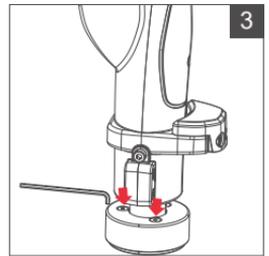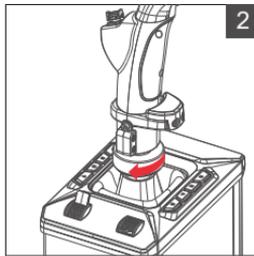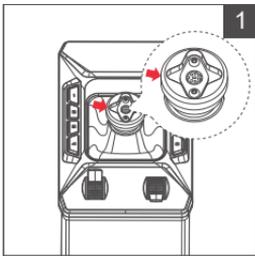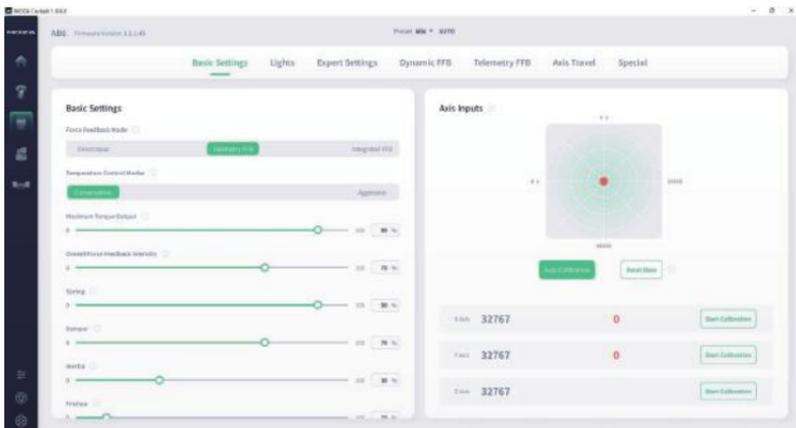

Software Introduction

Basic Settings: Adjust base parameters and monitor its status in real time.
Expert Settings: Fine-tunes advanced parameters to match the feel of specific aircraft.
Telemetry FFB: Configures force feedback effects based on in-game telemetry data.
Axis Travel: Adjusts axis output curves for smoother, more precise control.

Panel Settings

The AB6 Force Feedback Base features 2 analog throttle sliders and 8 RGB-backlit buttons. You can customize both lighting and input behavior through the Panel Settings page.

Slider (Axis) Calibration

The sliders come pre-calibrated and are ready to use out of the box.

If you notice a mismatch between your physical input and the game value, please recalibrate the slider:

1. Click the "Start Calibration" button.

2. When the timer begins, move both sliders back and forth across their full range before the countdown ends.

Slider Mapping Modes

The slider supports three signal mapping modes:

• Button Mode: The sliders send only digital button press signals - no analog axis data is output.

• Axis Mode: Sliders output raw analog axis values.

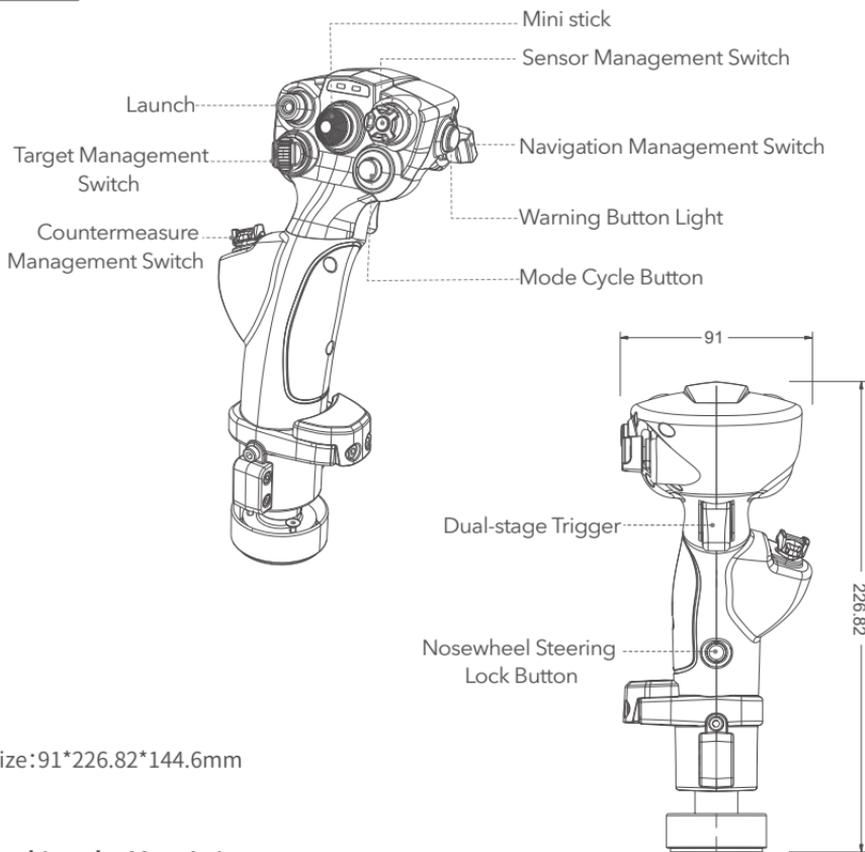• Mixed Mode: Sliders output both analog axis values and digital button press signals simultaneously.

Button Lighting & Effects

Through MOZA Cockpit software, you can customize lighting modes, colors, and brightness to match your style.Supported features include:

• Multiple lighting effects (static, blinking, breathing, or telemetry-based)

• Reactive lighting that responds to button presses

• 16.7 million color RGB backlight customization

Buttons

Mini stick

Sensor Management Switch

Launch

Navigation Management Switch

Target Management Switch

Countermeasure Management Switch

Warning Button Light

Mode Cycle Button

91

Dual-stage Trigger

226.82

Nosewheel Steering Lock Button

Size：91*226.82*144.6mm

Locking the Yaw Axis

If yaw control is not needed, it can be locked. Use the included wrench and screw to tighten the screw clockwise into the designated hole (as shown in the diagram) until firmly secured. Tighten both screws until the shaft is fully locked and cannot rotate. Do not over-tighten.
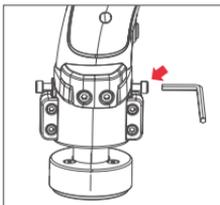
Adjusting the Hand Rest Height

To create more space for hand movement, you can remove part of the hand rest. Using the included hex wrench, unscrew the screw (as shown in the diagram) counterclockwise until fully removed, then detach the partial component.
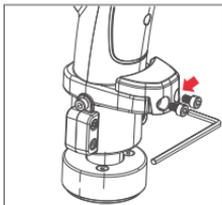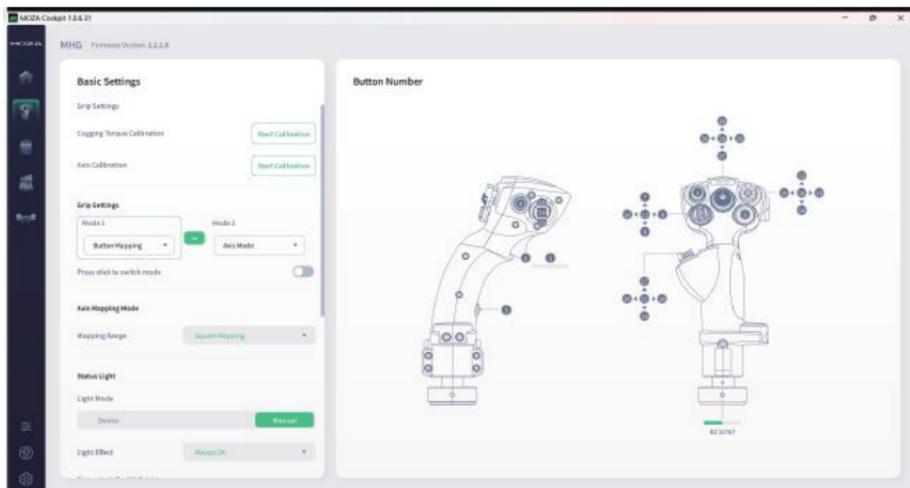

Software Introduction

MHG Flightstick

Grip Settings and Button Indicator

Once the flightstick is connected to the base, it will appear on the main page along with its firmware version. Click the grip icon to open the configuration page.

Axis Calibration

The flightstick (the mini-stick and Z-axis) comes pre-calibrated and is ready to use out of the box. If you notice a mismatch between your physical input and the game value, please recalibrate the axis:

1. Click the "Start Calibration" button.

2. When the timer begins, move the mini-stick along its X and Y axes, and twist the flightstick's Z-axis (left and right) through their full range of motion before the countdown ends.

Button Lighting & Effects

Through MOZA Cockpit software, you can customize lighting modes, colors, and brightness to match your style.Supported features include:

• Multiple lighting effects (static, blinking, breathing, or telemetry-based)

• Reactive lighting that responds to button presses

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`03` 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.

PS E | CE | FC

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