JOYSTICK GRIP OF 16 H.O.T.A.S

User Manual V2.0　2024.06

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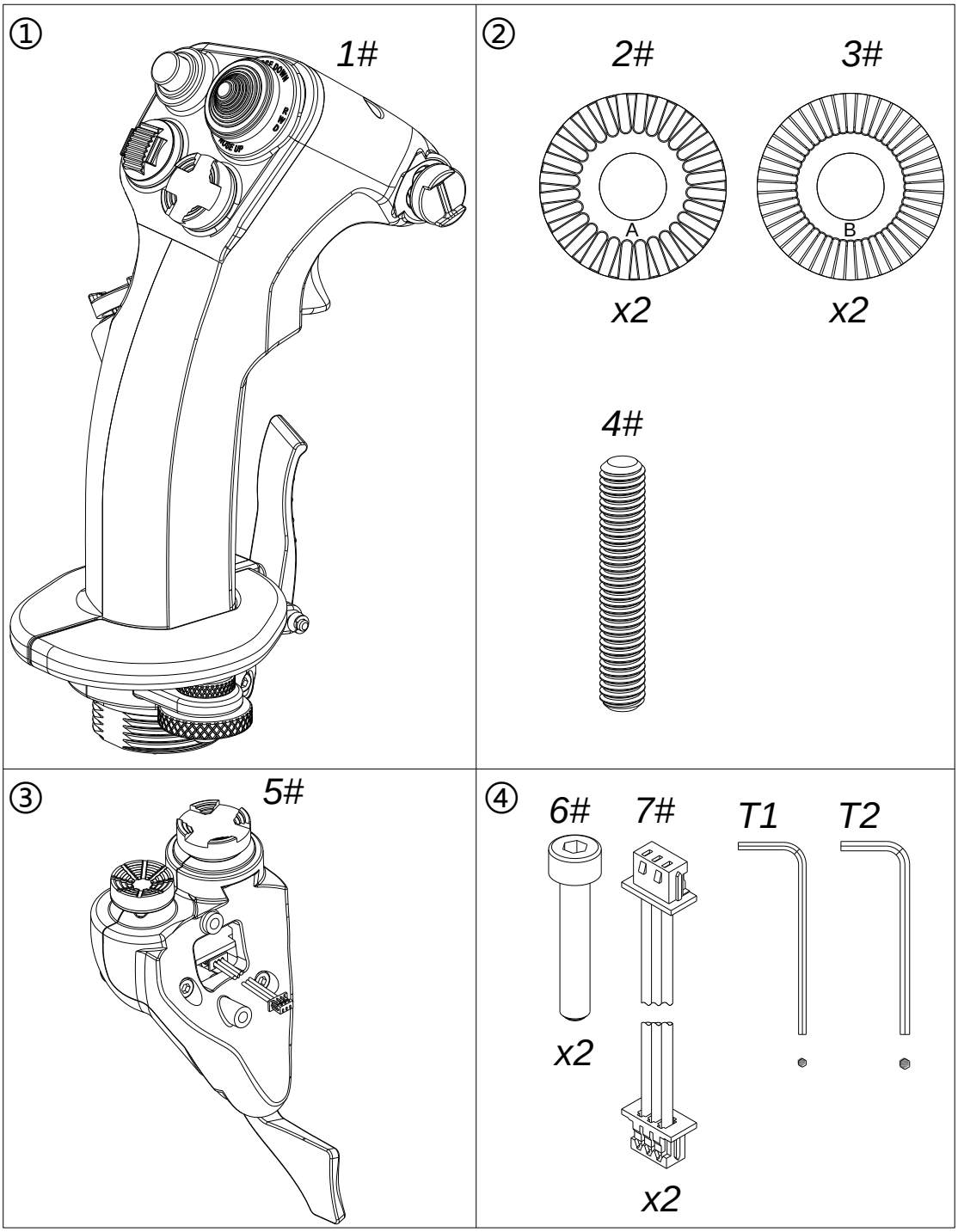
Packing List



①JGRIP OF 16（1#) 1

② Accessory Kit（A washer 2#, B washer 3#, bolt 4#） 1

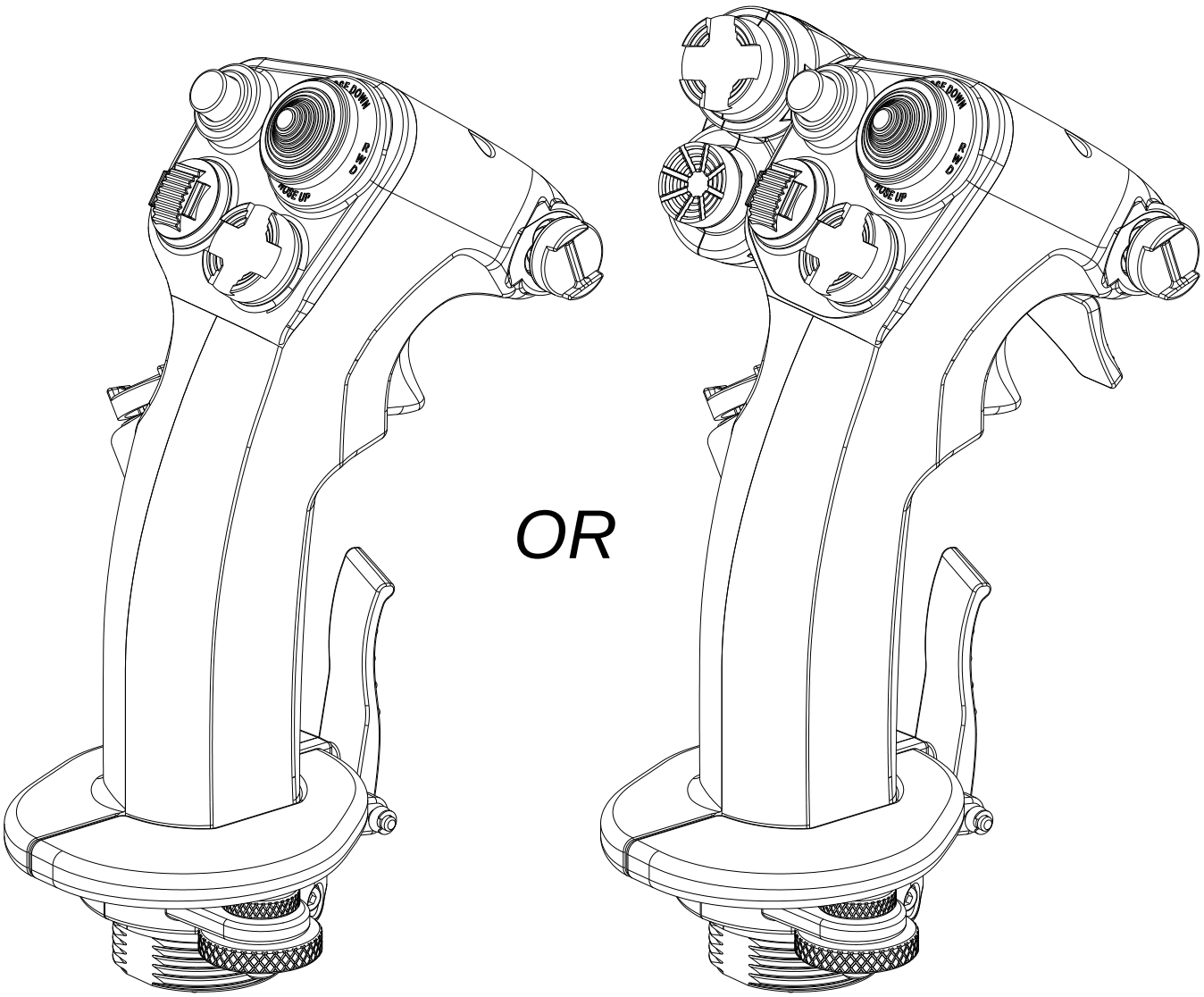
③ Extension（5#，optional） 1

④ Accessory Kit and Tool Kit (optional, together with the extension) 1

4#	Bolt M6*35
6#	Hex Socket Head Cap Screw M3*30

1 Parameters

1.1 Performance Parameters



You can use it with the mini-joystick and 5-way switch or without.*Optional

1.2 Applicable Models

① Compatible with J1 base;

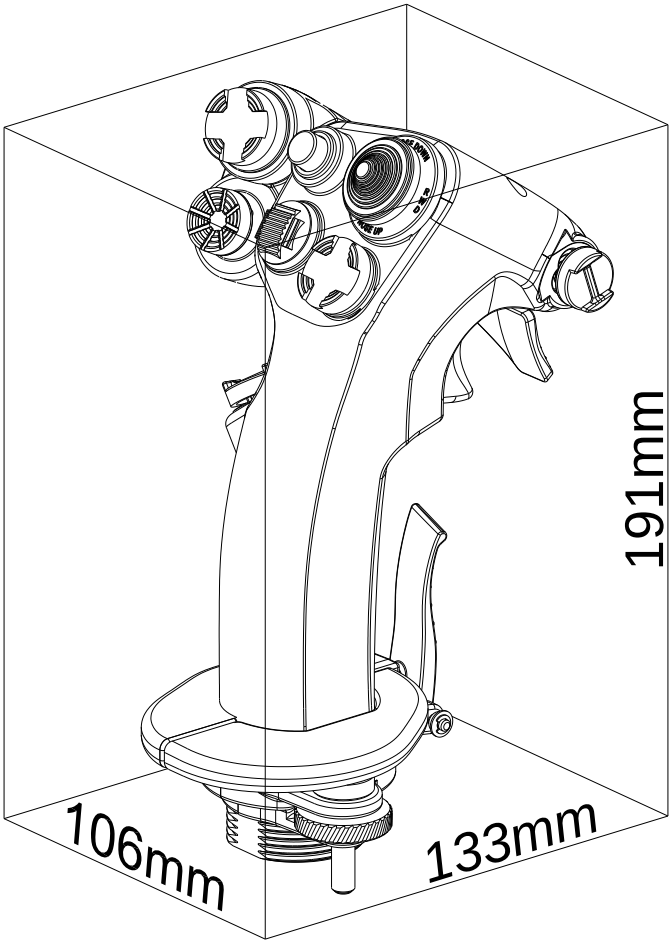
② Compatible with J2 base;

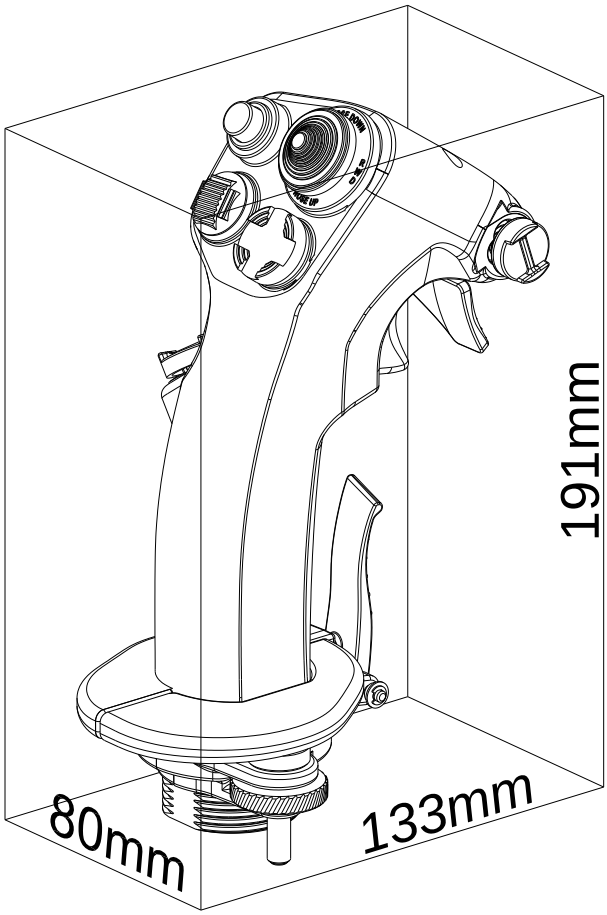
③ Compatible with J2-2 base;

④ Compatible with Z axis and/or extension rod.

1.3 Dimensions

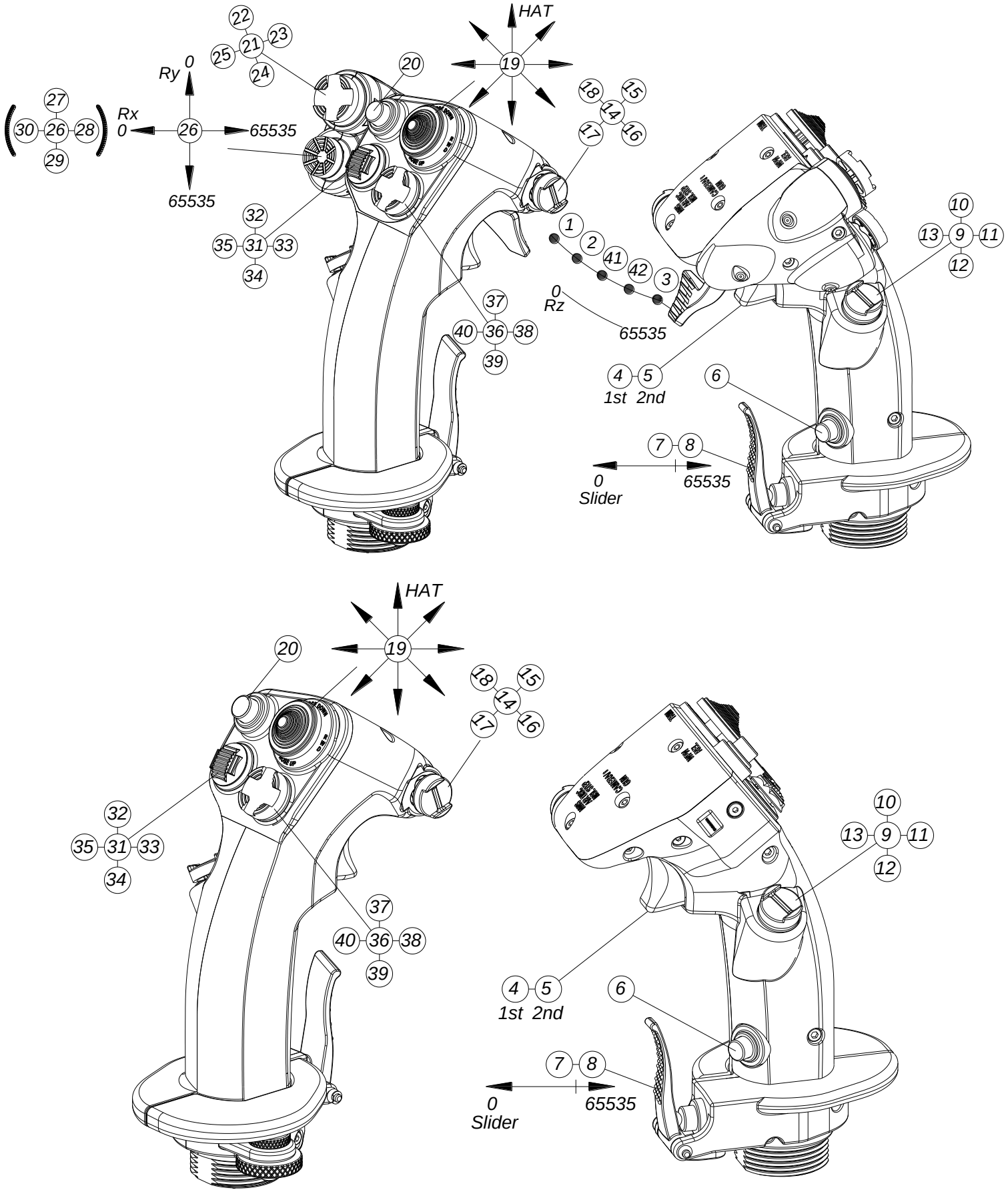
L*W*H:
With extension: 133mm*106mm*191mm
Without extension: 133mm*80mm*191mm
Weight: 0.7Kg=1.55lb





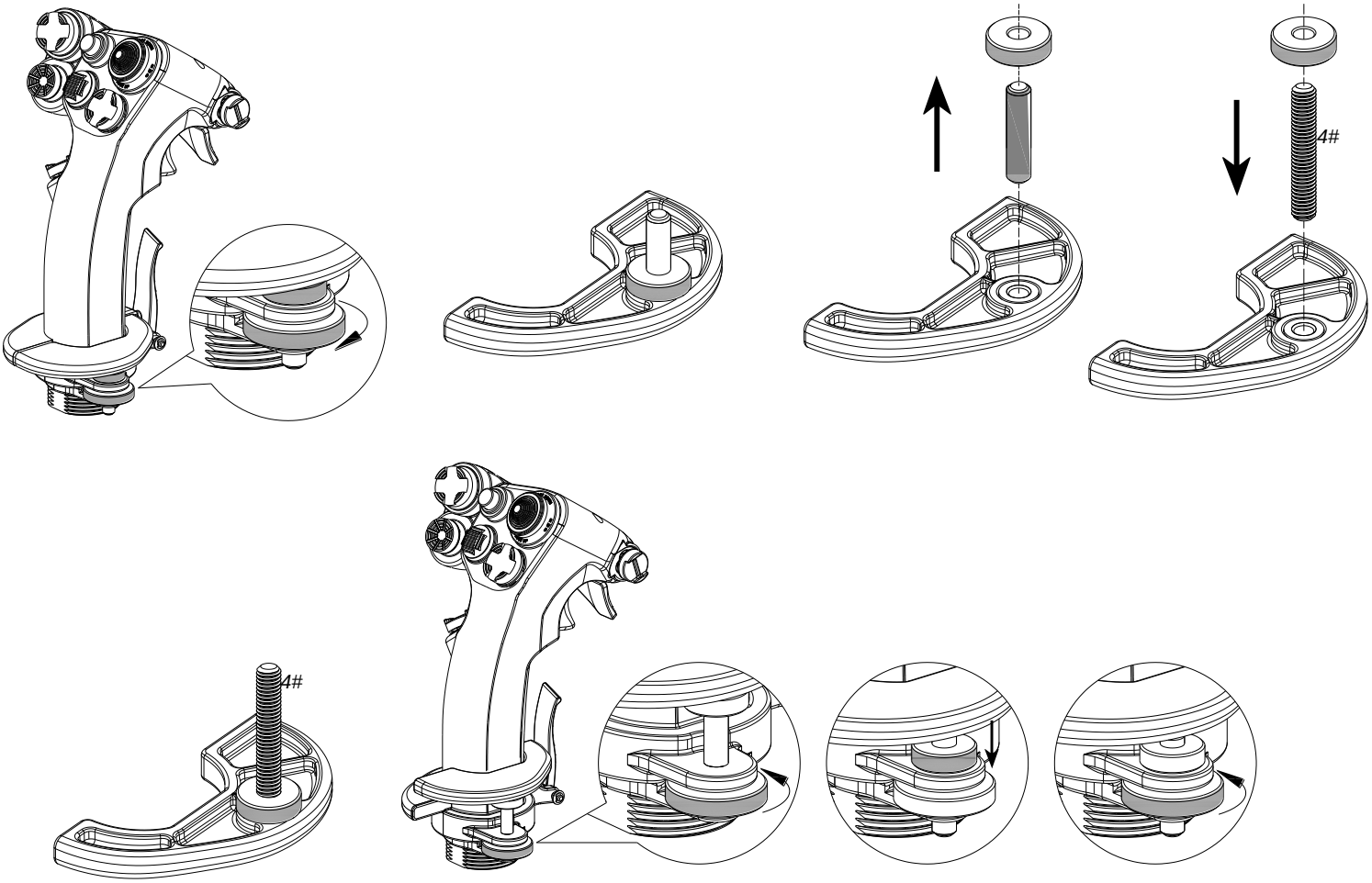
2 Functions

2.1 Buttons and Functions



2.2 Adjustment Methods

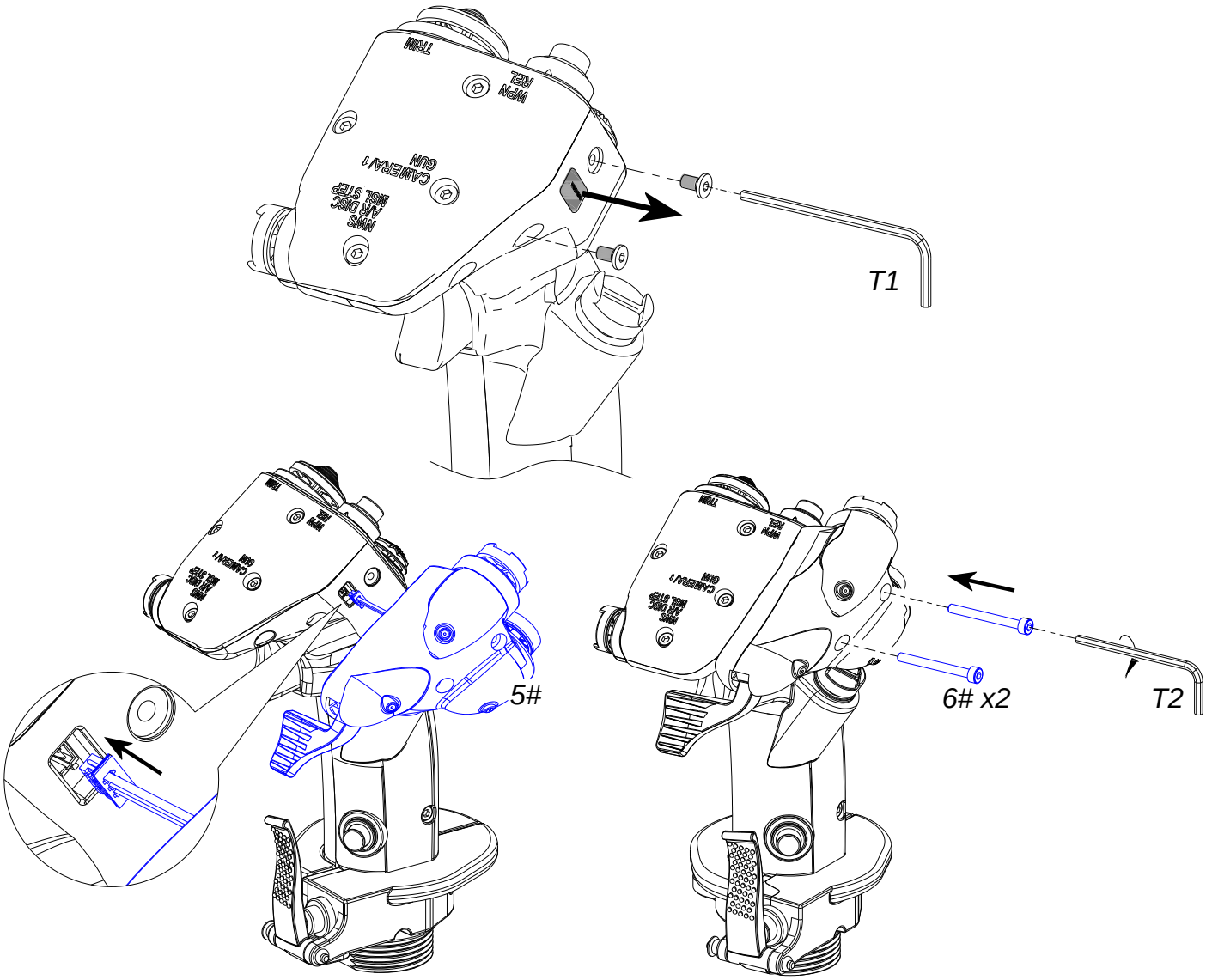
Adjustment of Hand Rest



① Loosen the large nut.
② Remove the hand rest.
③ Take off the small nut and the short bolt.
④ Screw in the 4# long bolt.
⑤ Screw in the small nut.
⑥ Install the hand rest and screw in the large nut.
⑦ Adjust the hand rest height to a comfortable position by rotating the large nut, then move the small nut to the lowest position, and finally tighten the large nut.

3 Components Assembly and Disassembly

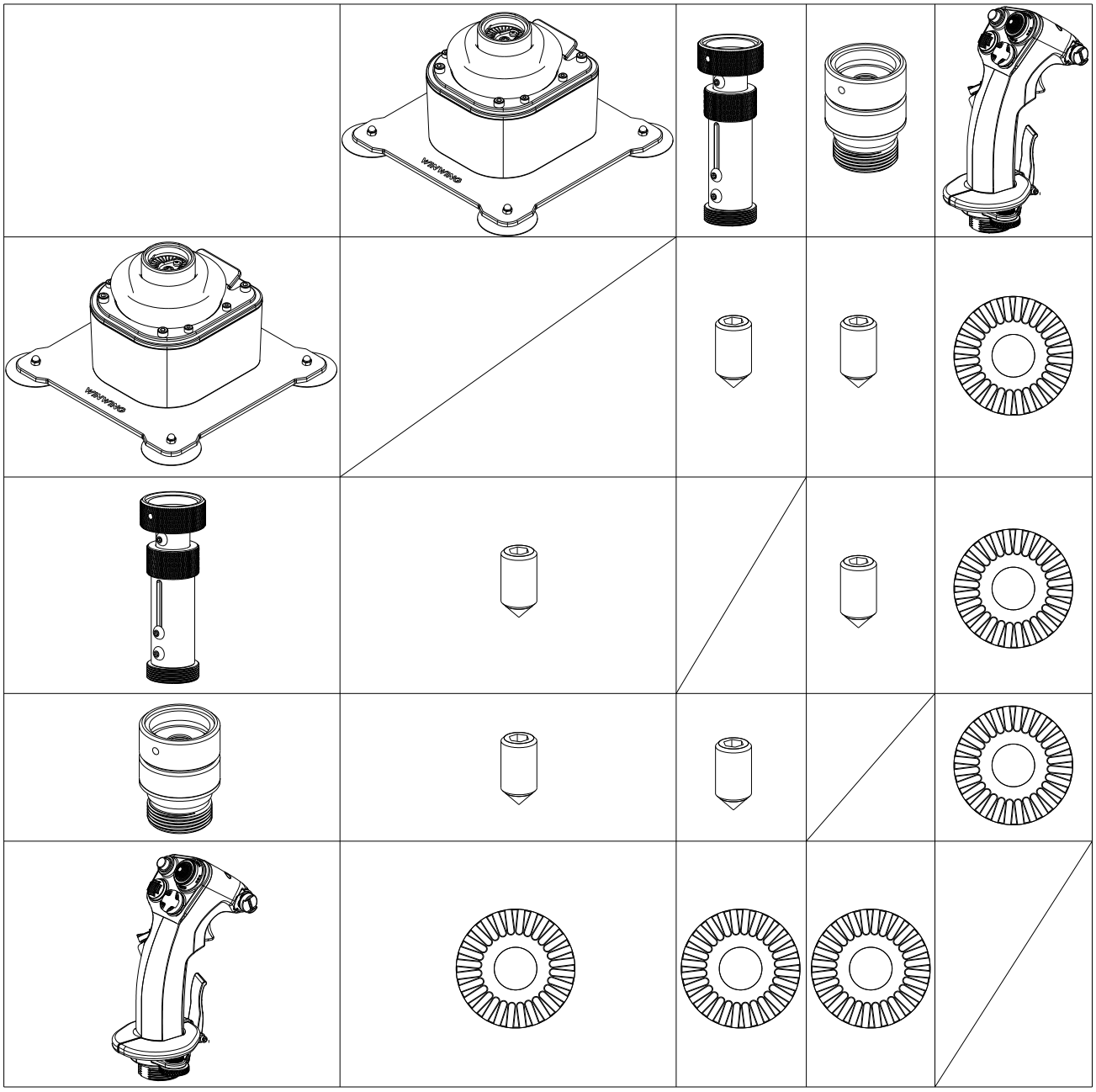
Installation of the Extension



① Remove two screws and washers.
② Use a plier (or other small tool) to connect the extension plug to the 16 grip.
③ Insert two #6 screws, taking care to avoid pinching the wire harness during installation. Tighten the screws just enough to snugly fit (0.1N·m torque), as excessive tightening can permanently deform the plastic shell.

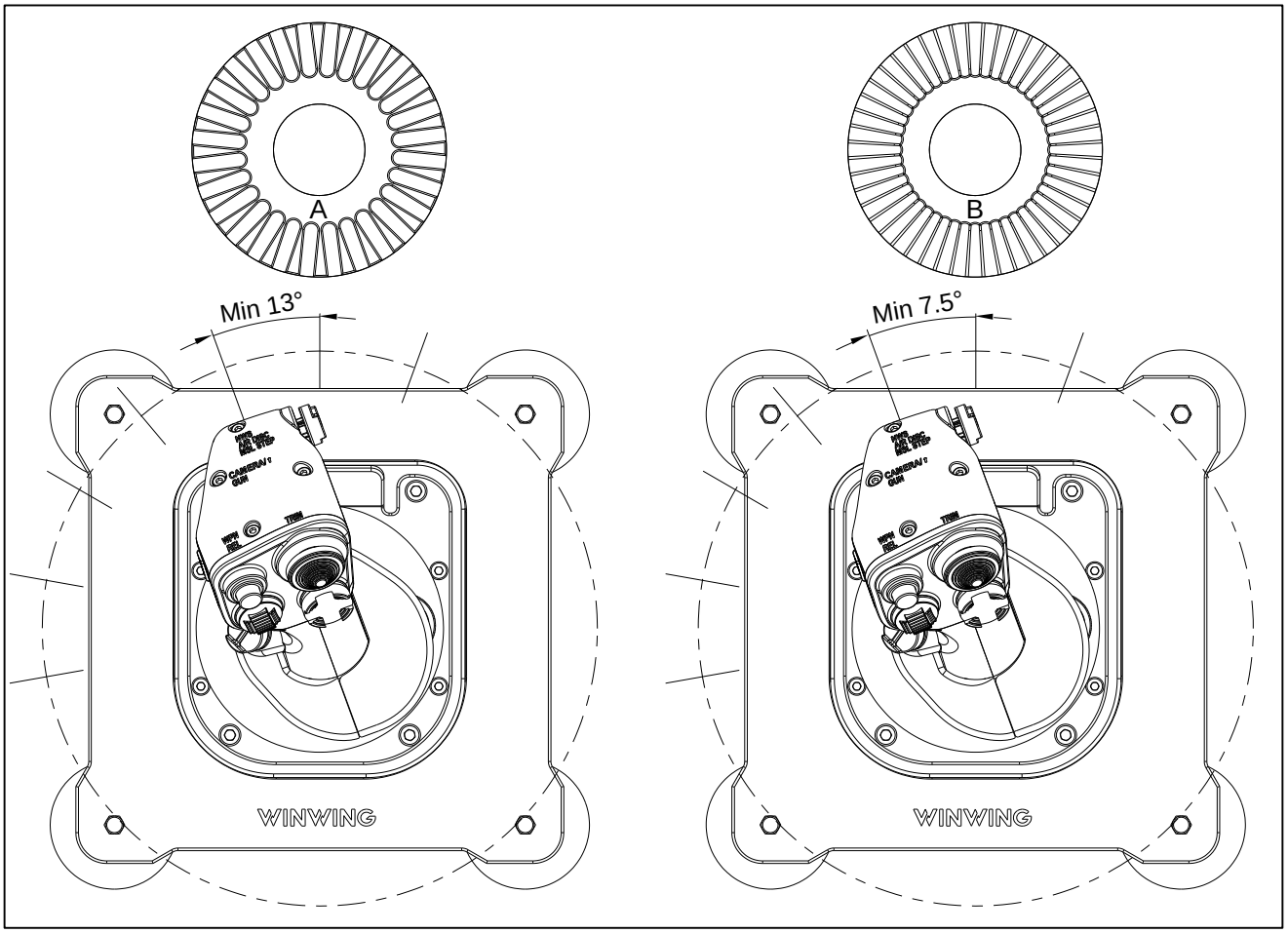
4 Installation of Connectors

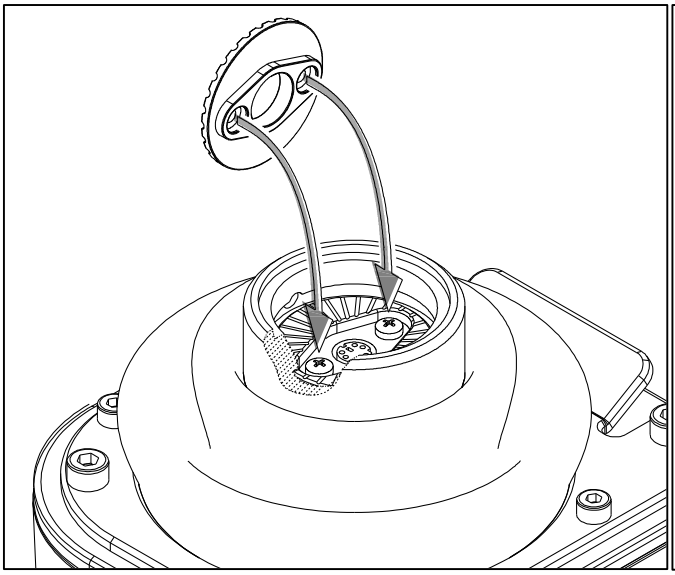
The installation methods for the grip, Z-axis, and extension rod are all indicated in Chapter 3.2 of the "18 HOTAS USER MANUAL". During installation, please refer to the table below for selecting the appropriate set screws and A/B washers. For instructions on installing the washers, please refer to Chapter 5 of this manual.

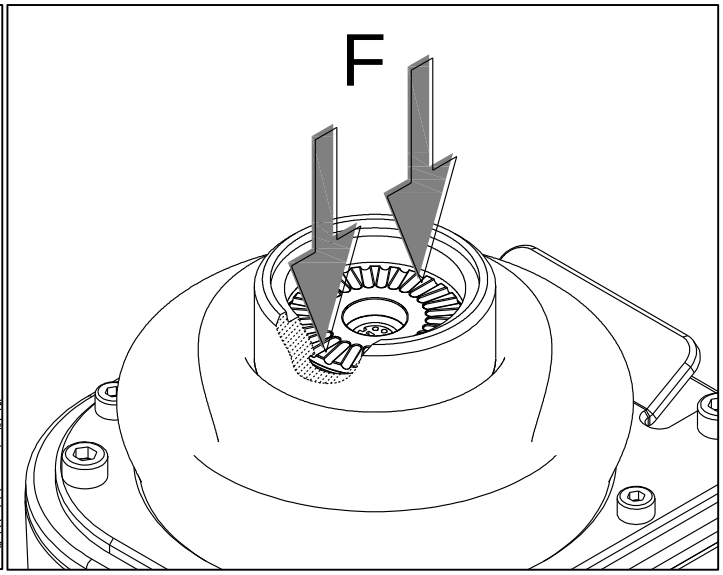


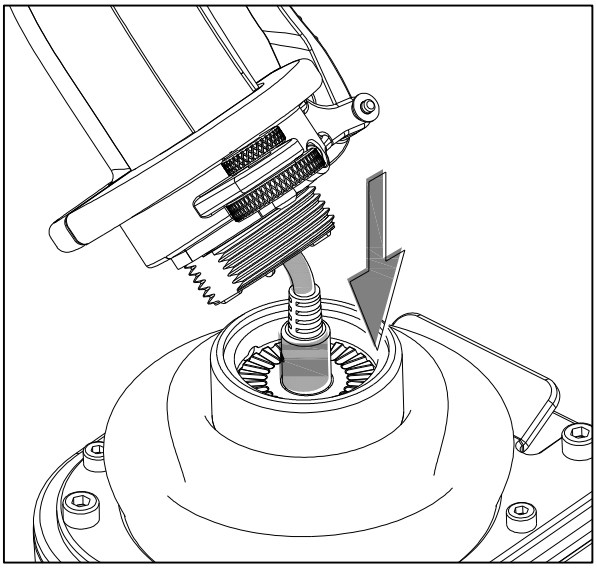
5 Installation of the Base

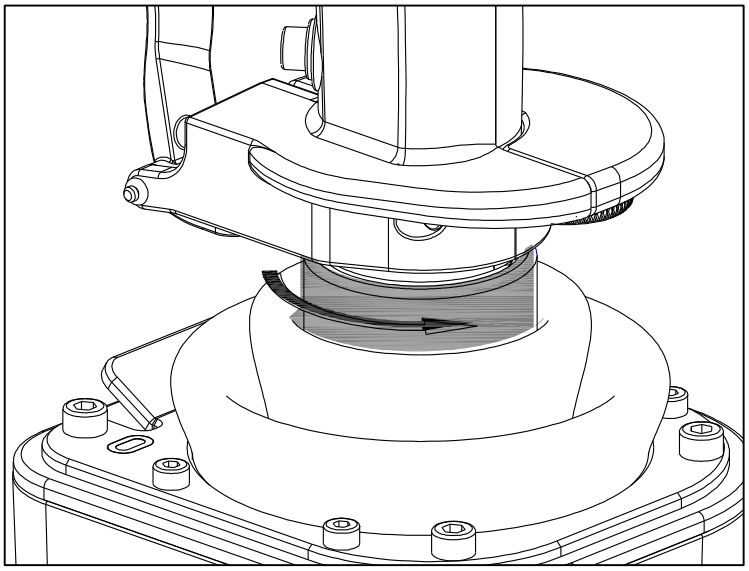
Connection and Installation Methods with the J1/J2/J2-2 Base

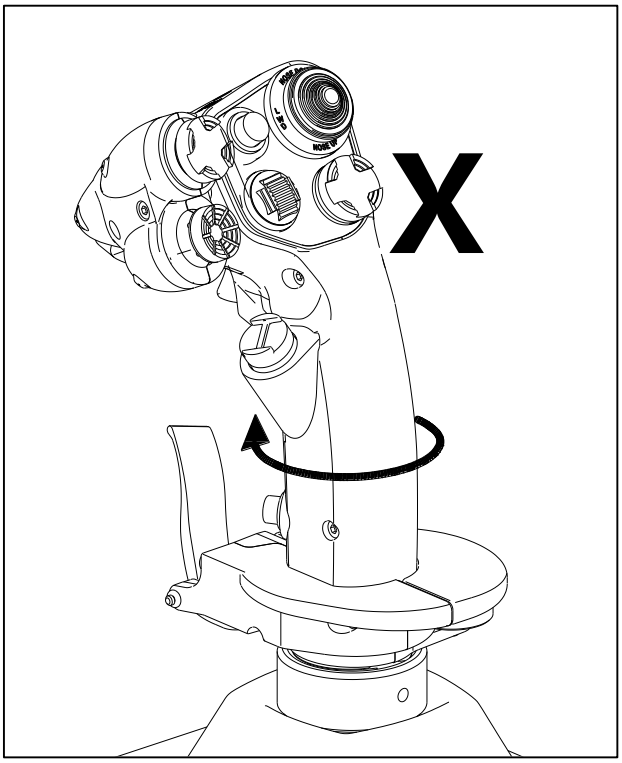

A
B
Min 13°
Min 7.5°
WINWING
WINWING




F



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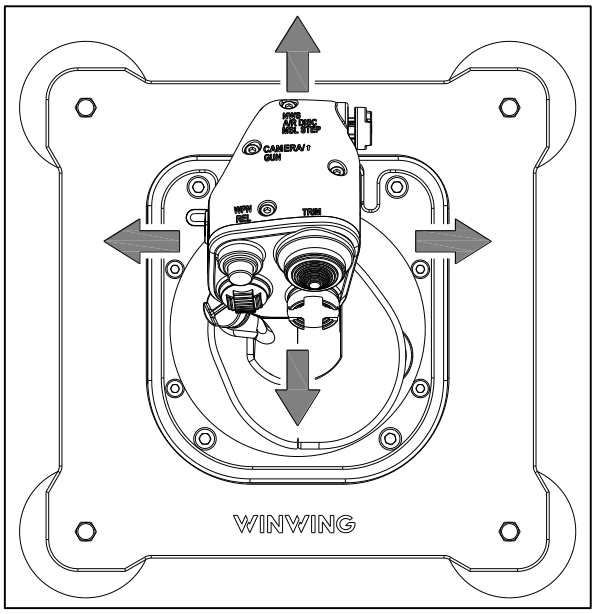
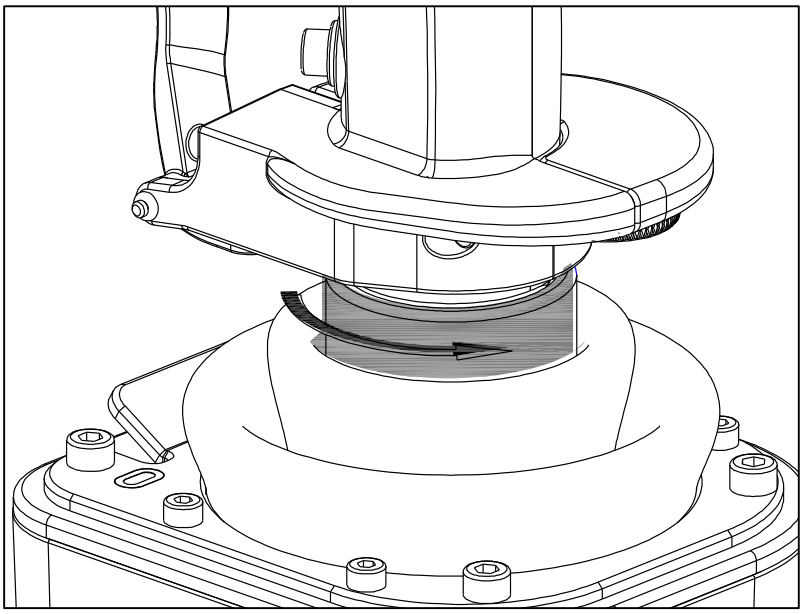

CAMERA/
GUN
TRIM
WINWING



①Select a washer, ready for installation: A (more durable) or B (for a smaller angle).

②Place the washer on the base, making sure it's oriented correctly.

③ Press down to embed the washer into the base securely, ensuring it doesn't rotate freely.

④ Connect the grip cable to the base.

⑤ With one hand stabilizing the grip to prevent rotation, use the other hand to tighten the clamping cover until fully secured.

Note: Rotate only the clamping cover—never the grip itself.

⑥ Randomly swing the grip in all directions.

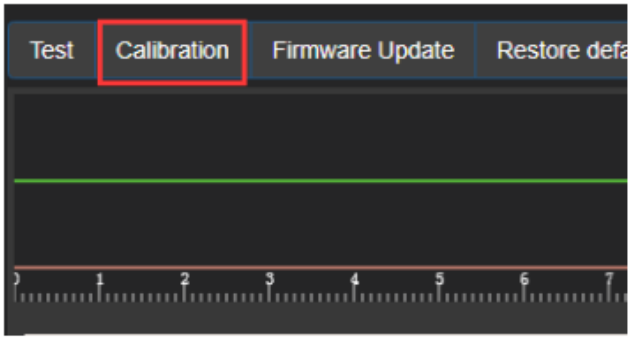
⑦ Tighten again as in step 5. Repeat steps 5 → 6 → 5 until the cover can no longer be tightened further (typically 2-3 repetitions).

* The grip with A or B washers cannot be installed with the set screws provided with the base configuration.

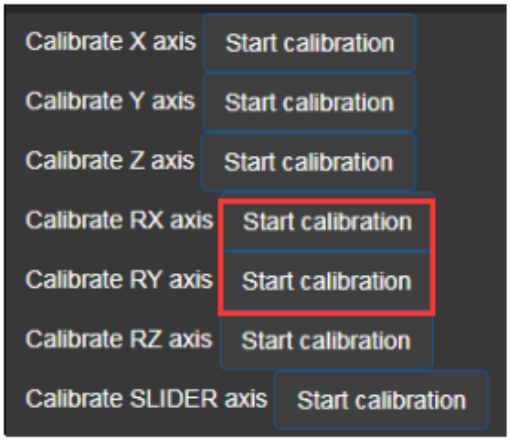
6 Calibration

6.1 Mini-joystick calibration

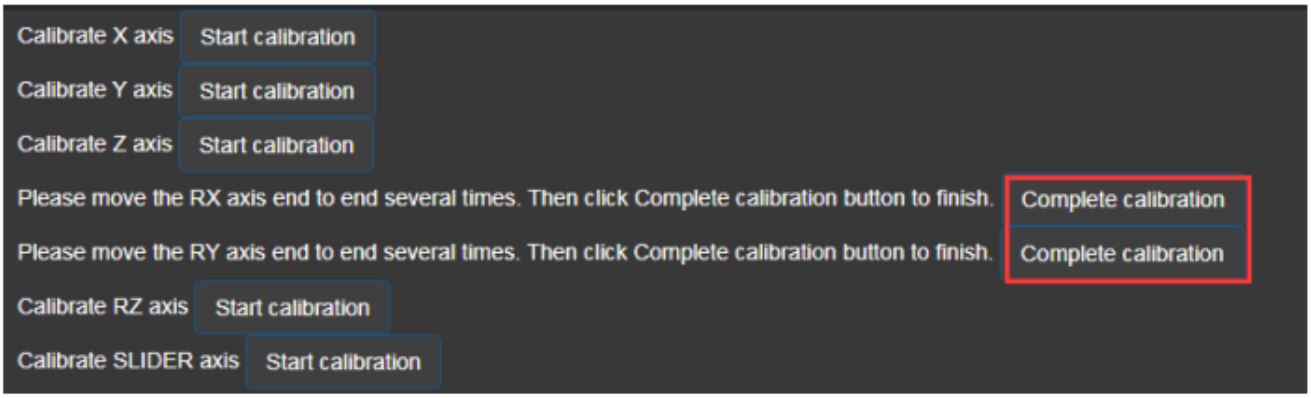
① Start sim App pro. Enter the Test page. Click calibration;



② In the calibration page, click the options in red square, move the mini-joystick full range;



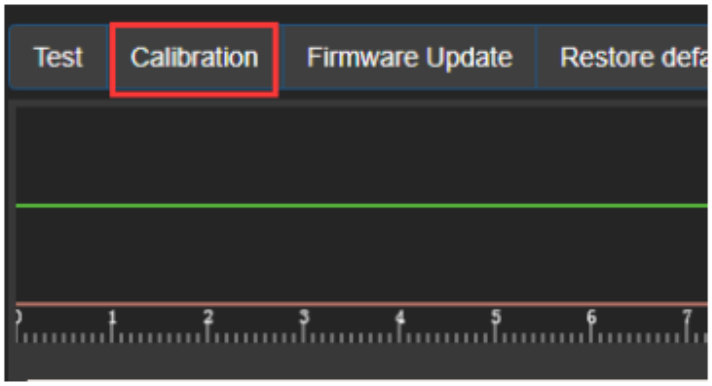
③ After the full range movement. Click the options as shown:



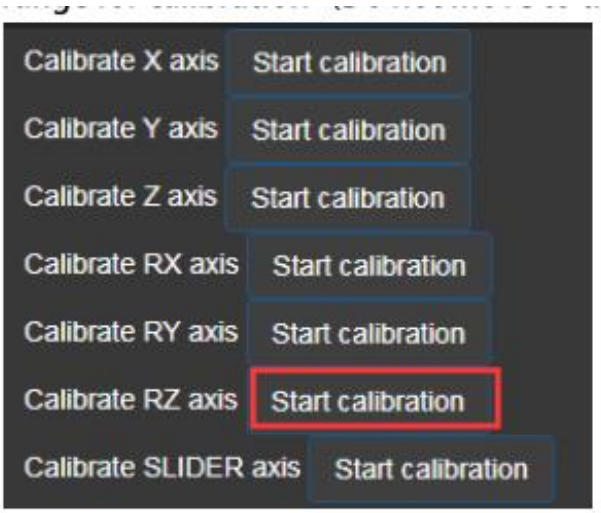
④ You have completed the calibration, return to the test page to observe the correct response.

6.2 Rz Calibration

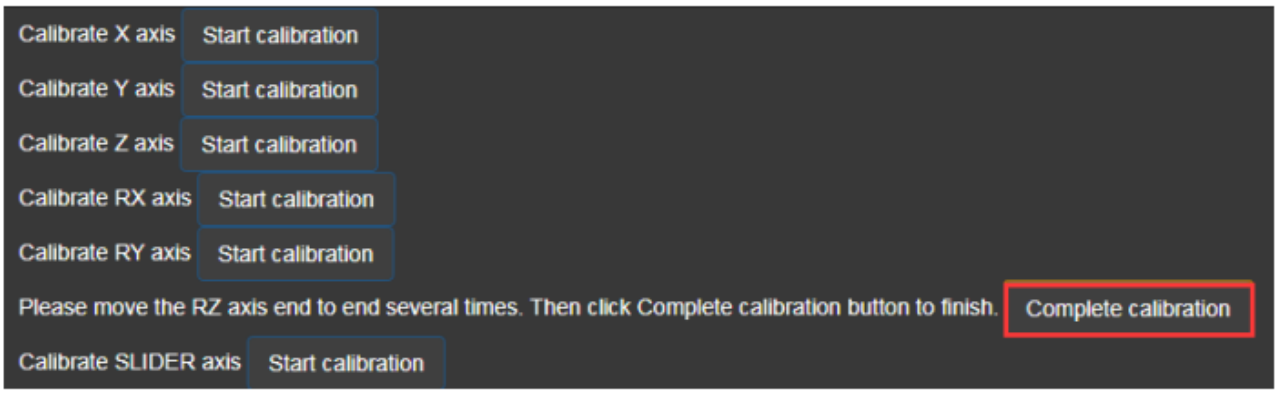
① Start sim App pro. Enter the Test page. Click calibration;



② At the test page, click the following button for calibration. Move Rz trigger full range for calibration (Do not move to the top position);



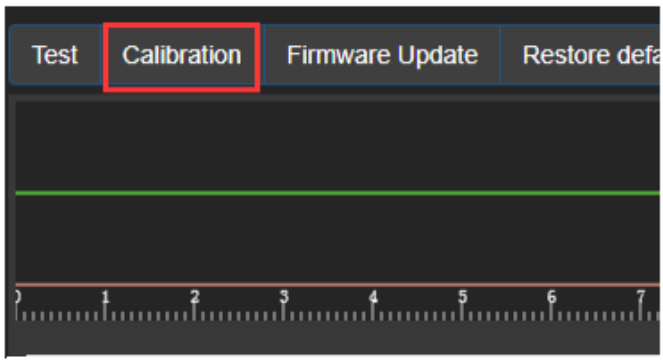
③ After the full range movement, release the Rz trigger, and click the following options;



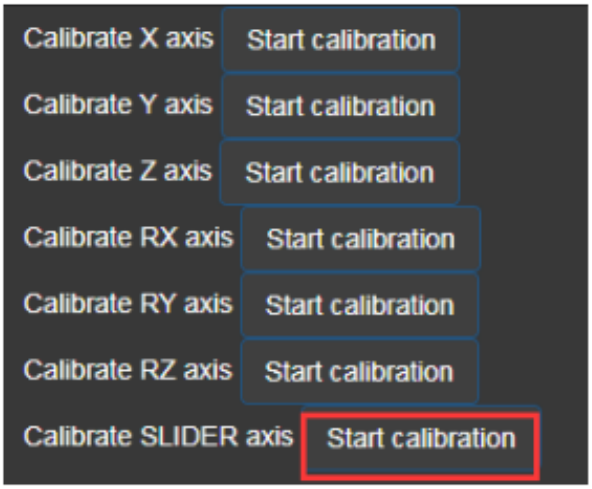
④ Return to the Test page, check if the calibration is correct.

6.3 Slider Calibration

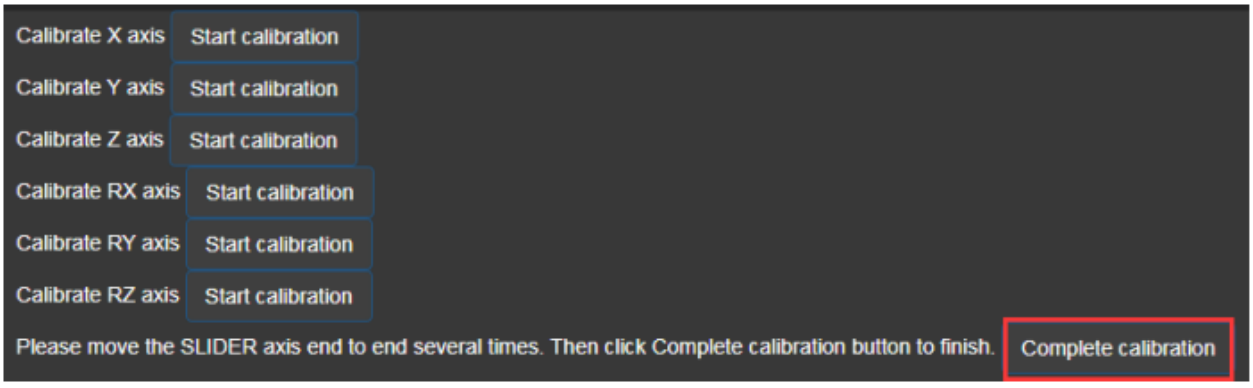
① Start sim App pro. Enter the Test page. Click calibration;



② At the test page, click the following button for calibration. Move slider full range for calibration;



③ After the full range movement, click the following options;



④ Return to the Test page, check if the calibration is correct.

* Contents are subject to updating without notice.

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