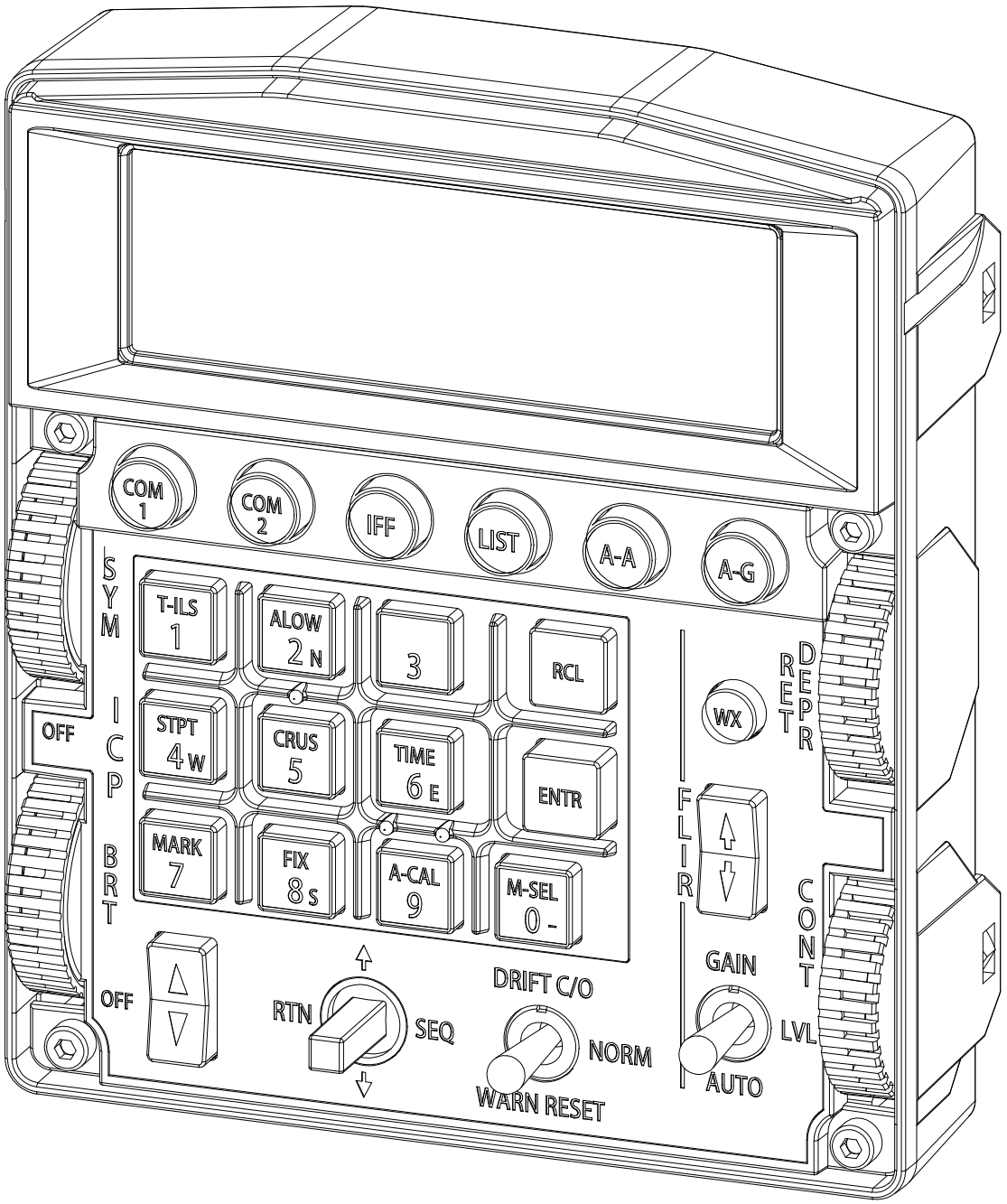
ICP

User Manual V1.0 2023.11



Catalogue:

Contents in the box 1

1 Parameters 2

1.1 Performance Parameters 2

1.2 Applicable Models 2

1.3 Dimensions 3

1.4 Installation Dimensions 4

2 Function 5

2.1 Mechanical/Special Functions 5

2.2 Buttons 6

2.3 Adjustment Methods 7

3 Assembly of Components 8

4 Installation Methods 8

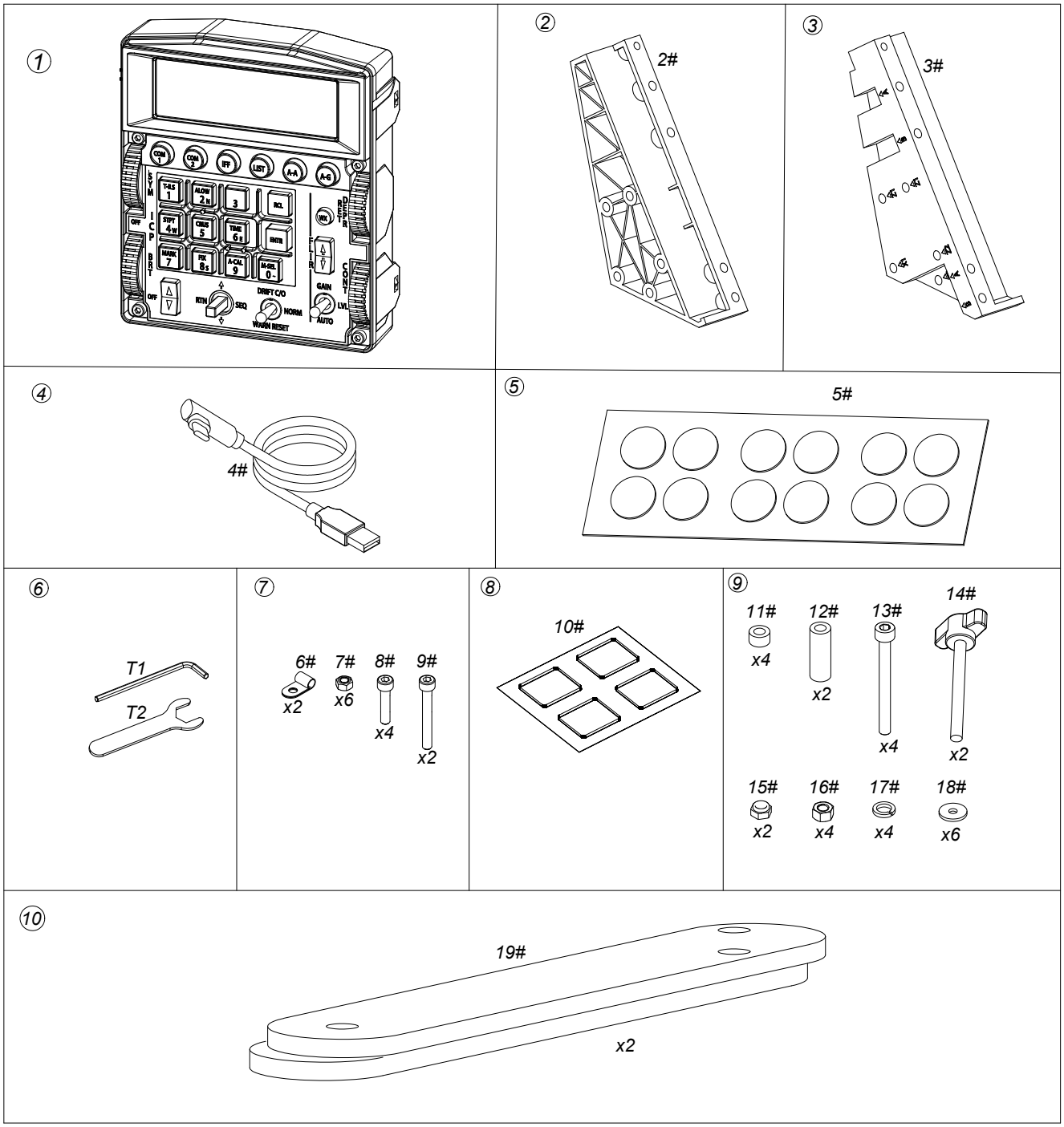
4.1 Bracket Mounting 8

4.2 Gaming Seat Mounting 33

4.3 Cockpit Mounting 33

4.4 Cascading 33

Contents in the box



① ICP (1#) 1

② Mounting Bracket - Left (2#) 1

③ Mounting Bracket - Right (3#) 1

④ Data Cable (4#) 1

⑤ Nanometer Double Sided Adhesive Dots (5#) 1

⑥ Tools Kit (T1、T2) 1

⑦ Accessories Kit 1 (6#~9#) 1

6#: R-Type Line Clamp UC-0.5 Black

7#: Standard Nut M5

8#: Hexagon Socket Head Screw M5*20

9#: Hexagon Socket Head Screw M5*40

⑧ Silicone Pad (10#) 1

⑨ Accessories Kit 2 (11#~18#) 1

11#: Nylon Spacer Outer Diameter 9mm*Inner Diameter M5*Height 5mm

12#: Nylon Spacer Outer Diameter 9mm*Inner Diameter M5*Height 25mm

13#: Hexagon Socket Head Screw M5*50

14#: Thumb Screw M5*50

15#: Locking Nut M5

16#: Standard Nut M5

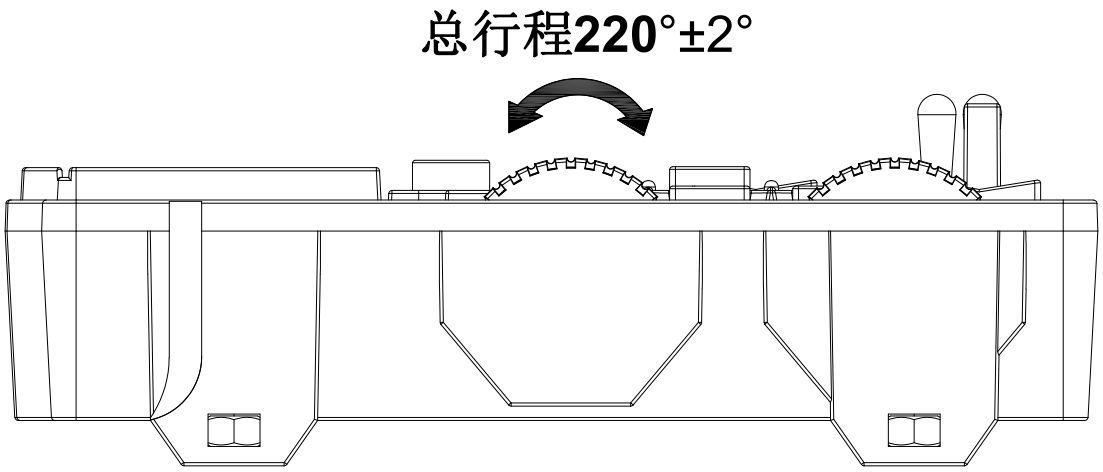
17#: Spring Washer M5

18#: Flat Washer M5*10*1

⑩ Mounting Bracket Connection Plate (19#) 1

1 Parameters

1.1 Performance Parameters

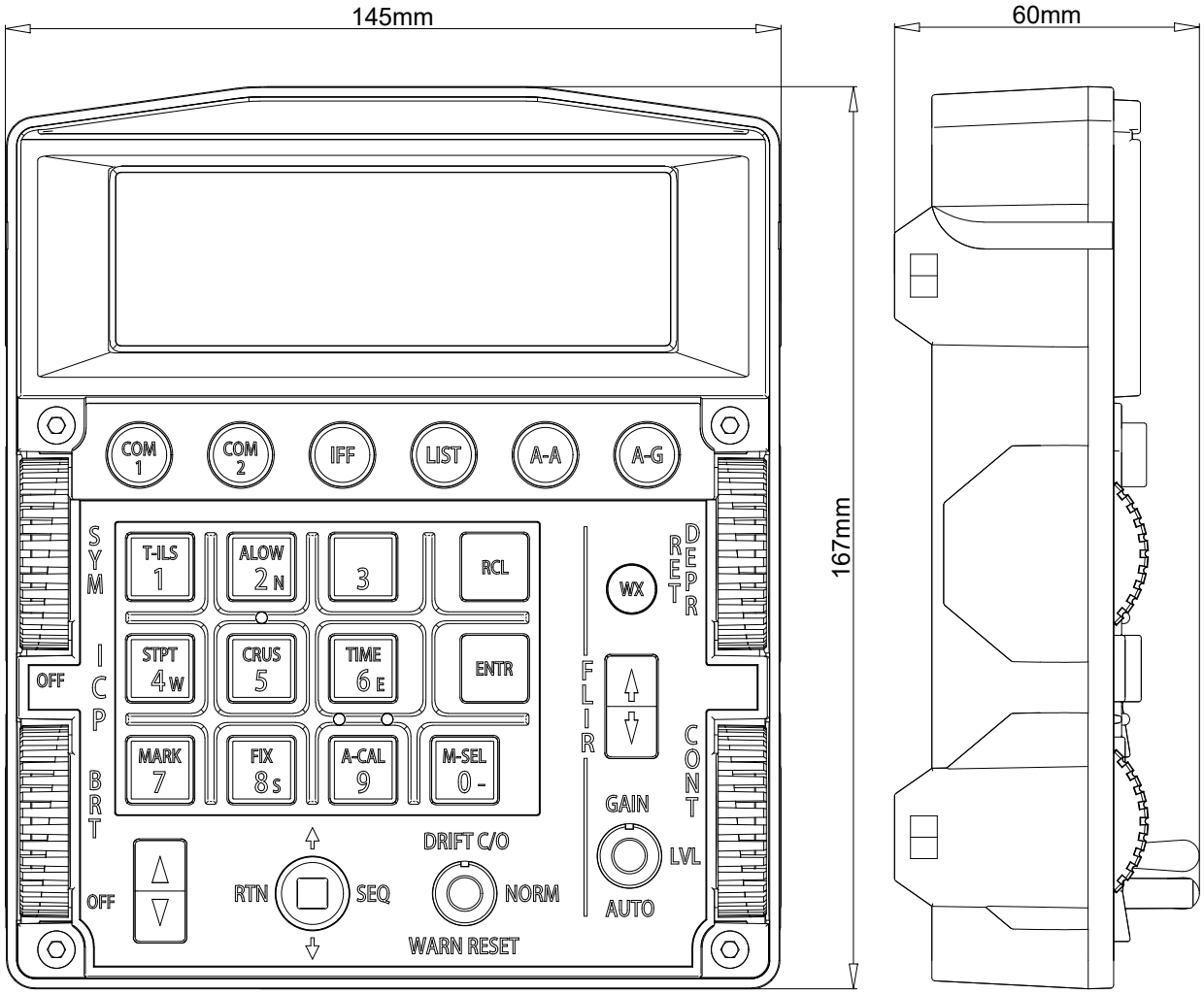


① 4 axes, individual travel range of 220° ±2°, resolution 0-4095
② 4 thumbwheels, rotational torque: 10-250gf.cm

1.2 Applicable Models

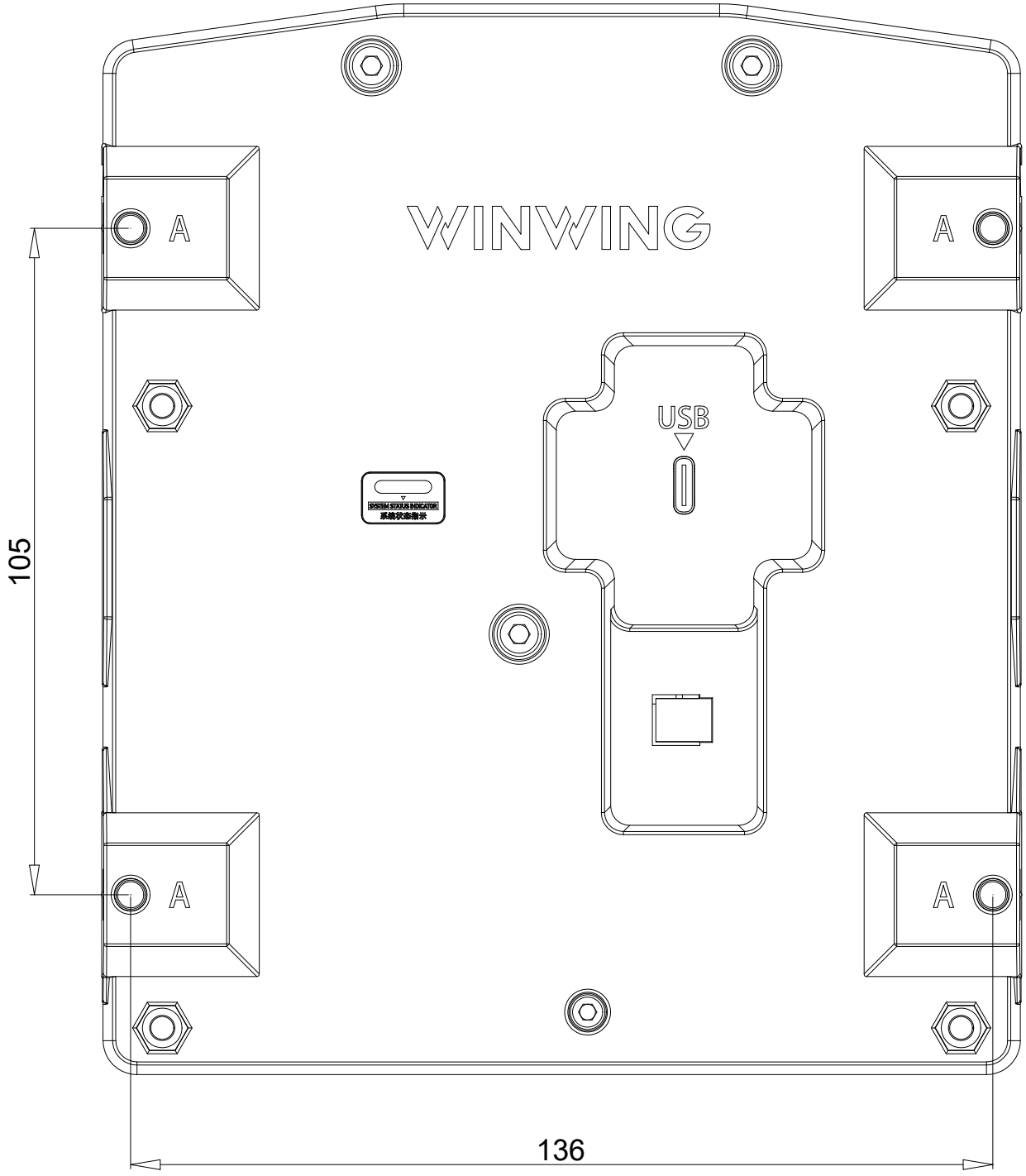
① Can be used independently
② Can be cascaded with various control panels through MP1 (sold separately)

1.3 Dimensions

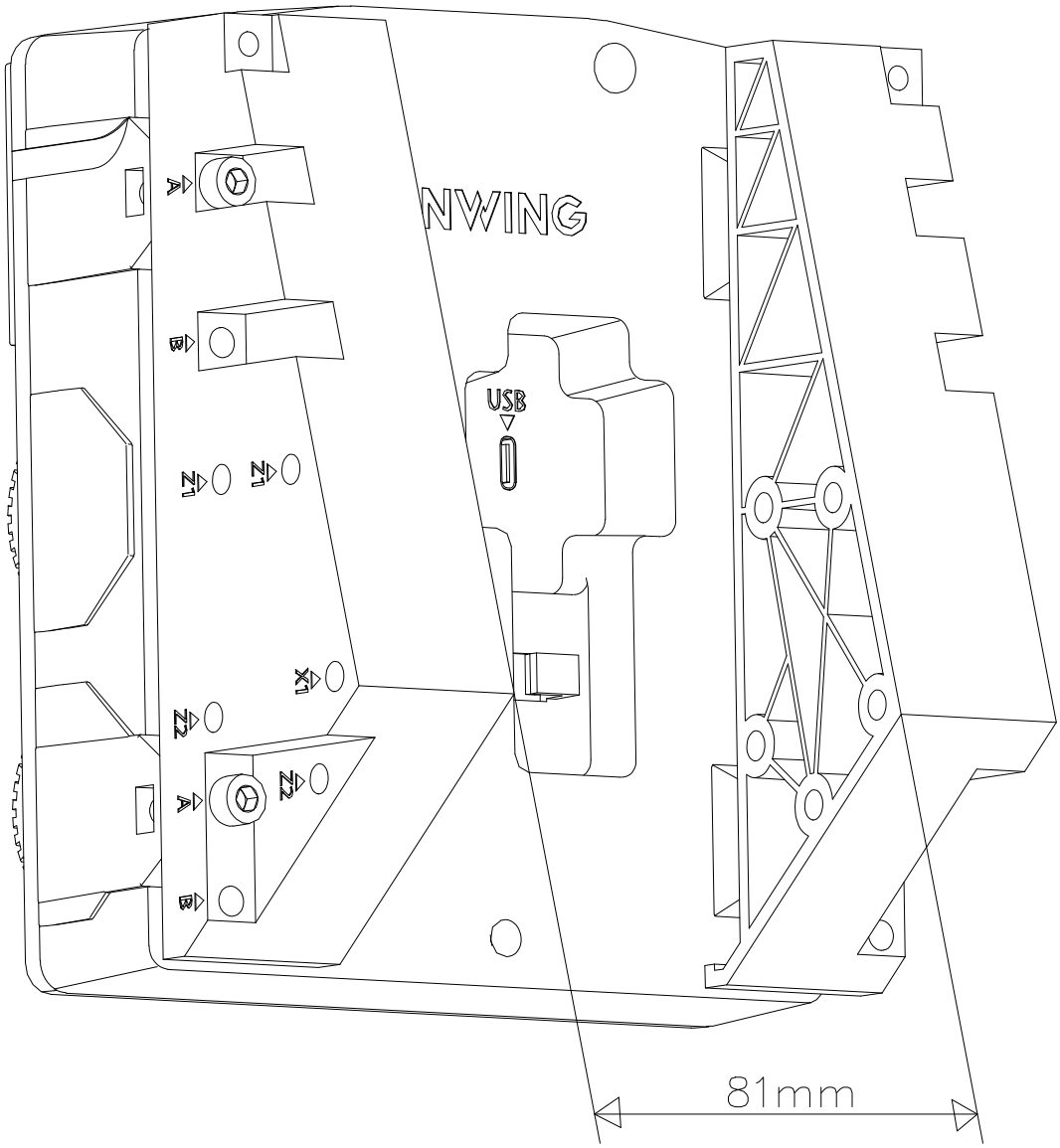


Product dimensions: 167mm*145mm*60mm; Weight: 0.5kg=1.10lb

1.4 Installation Dimensions



*Unit is in millimeters (mm).

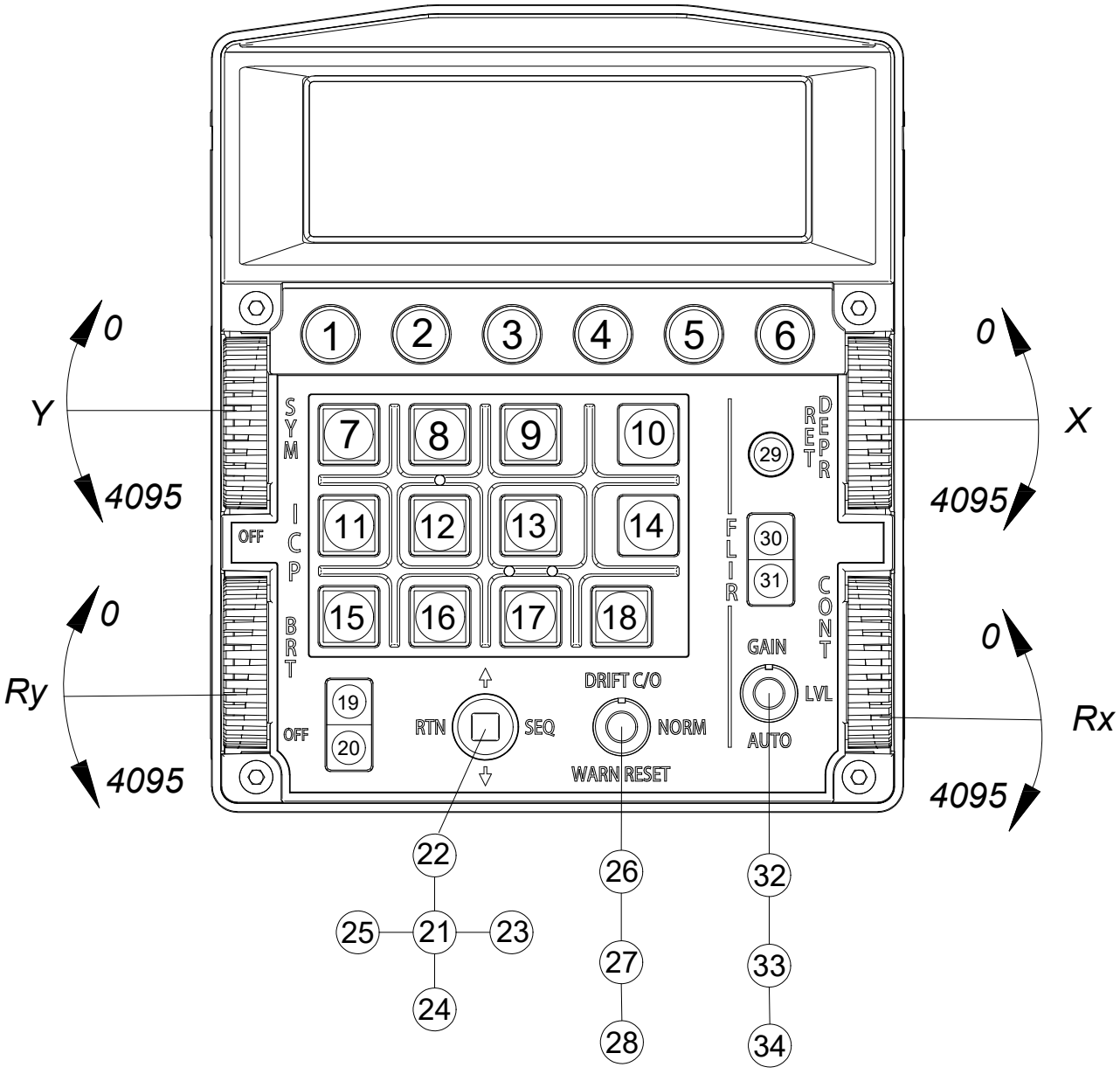


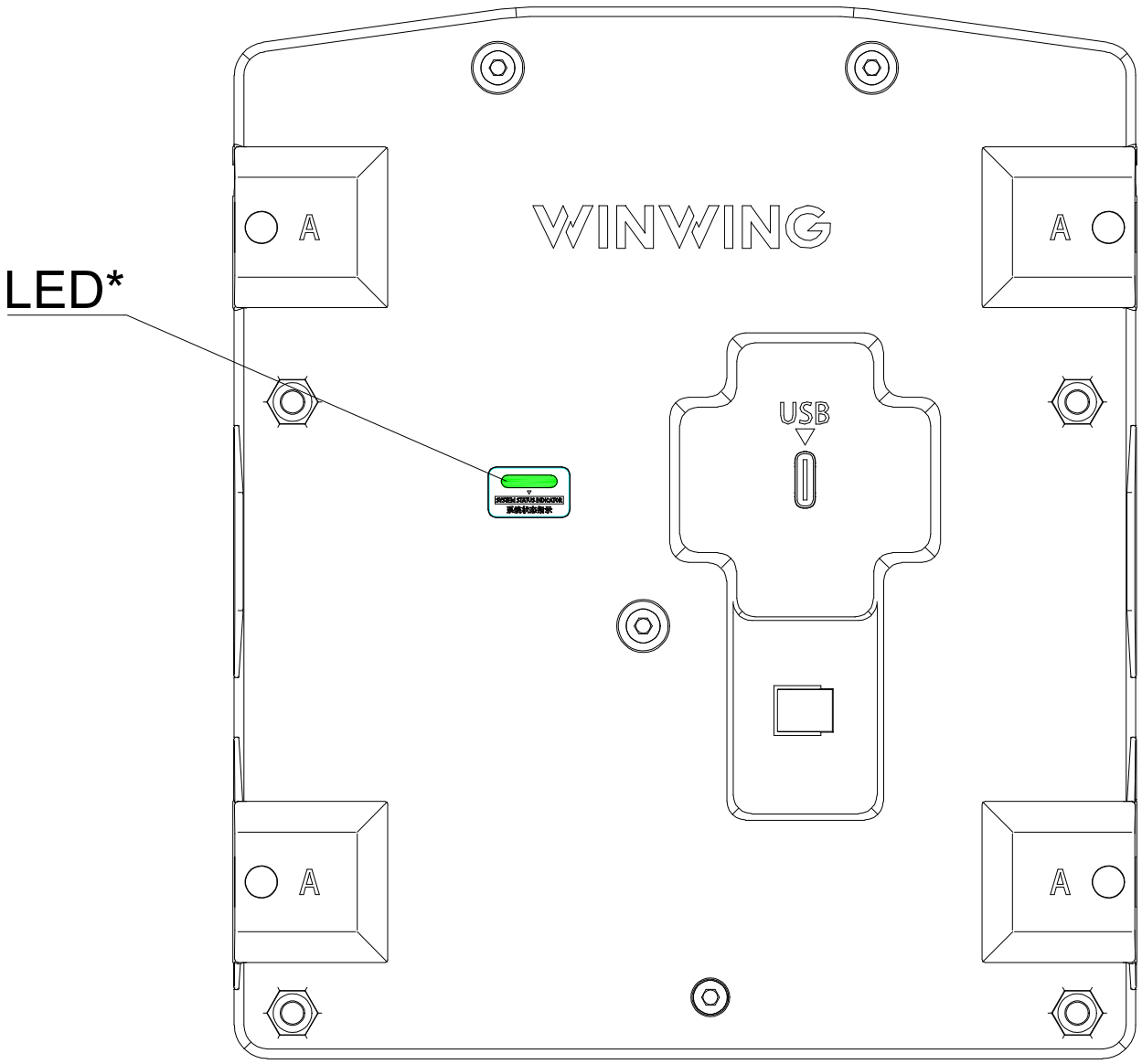
2 Function

2.1 Mechanical/Special Functions

(None)

2.2 Buttons


0
Y
4095
0
X
4095
0
Ry
4095
0
Rx
4095
1
2
3
4
5
6
SYM
ICP
BRT
OFF
7
8
9
10
11
12
13
14
15
16
17
18
19
20
RTN
SEQ
DRIFT C/O
NORM
WARN RESET
REPR
RET
29
FLIR
30
31
CONT
GAIN
LVL
AUTO
22
25
21
23
24
26
27
28
32
33
34



*LED Status Display:
Steady slow flashing in green (1s interval) - BOOT mode.
Slow flashing in green (1s interval) for 5 times, then steady ON - Operational mode.
Slow flashing in green (1s interval) for 5 times, then OFF - Power supply only mode.

2.3 Adjustment Methods

(None)

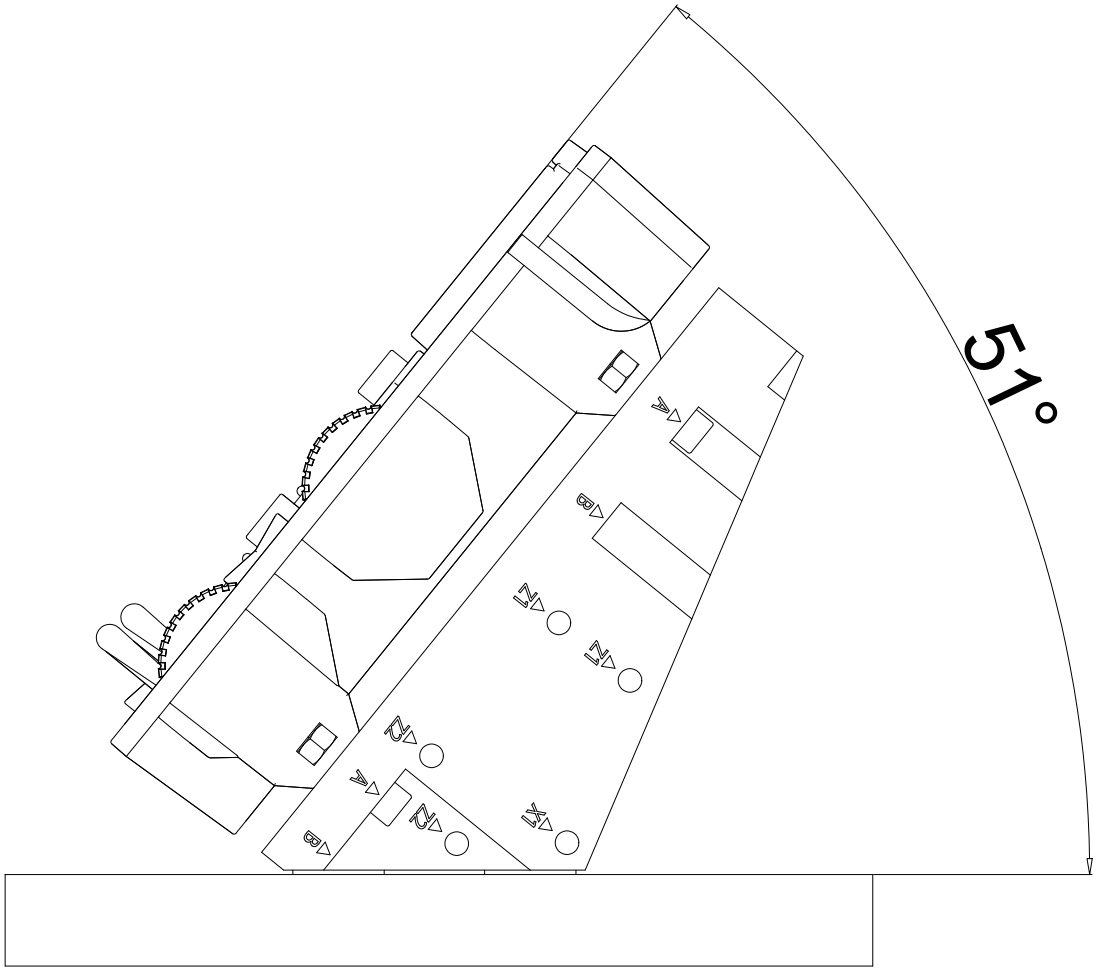
3 Assembly of Components

(None)

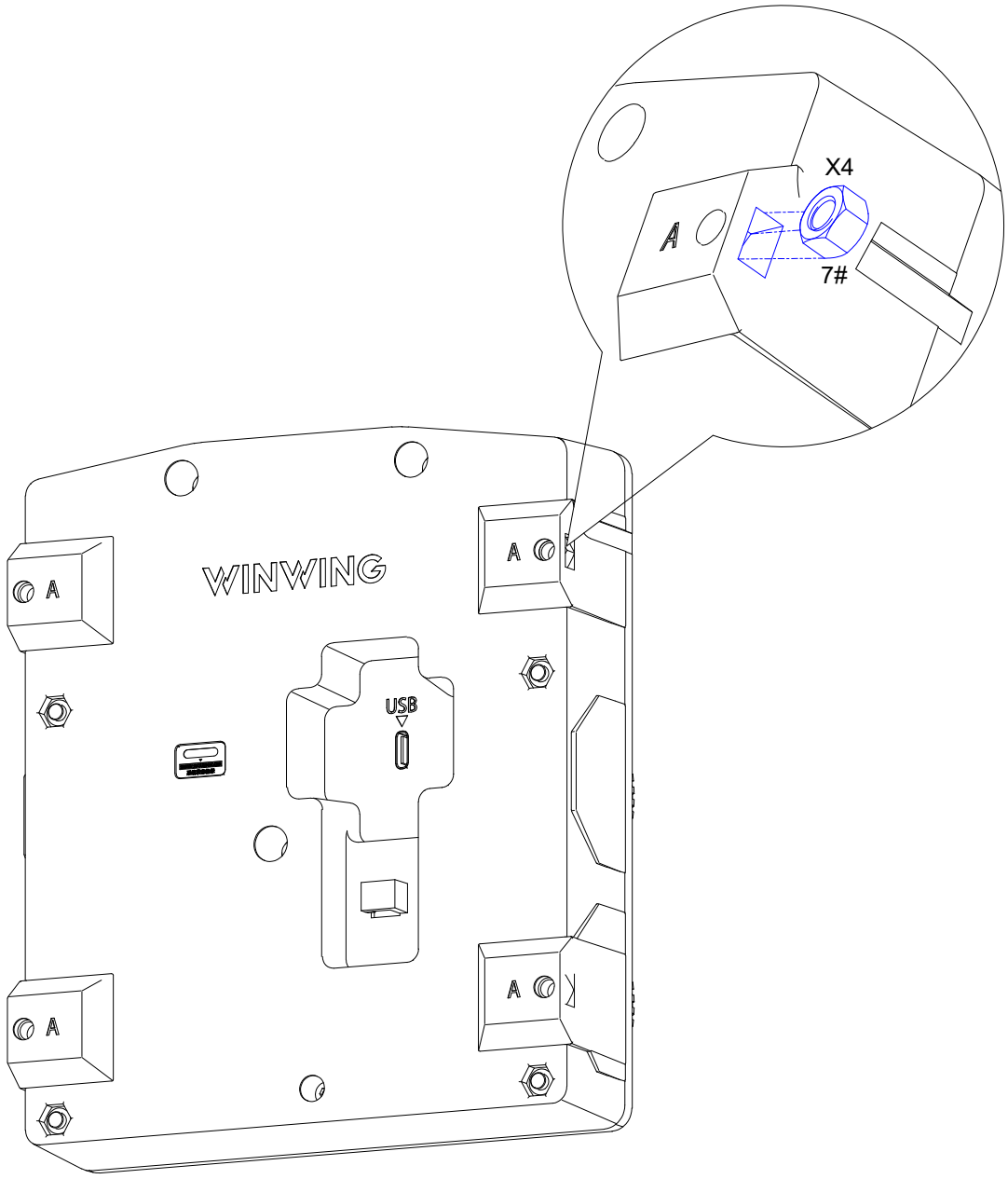
4 Installation Methods

4.1 Bracket Mounting

1. Bracket Mounting Methods①: Installing at an angle of 51 degrees from the desktop

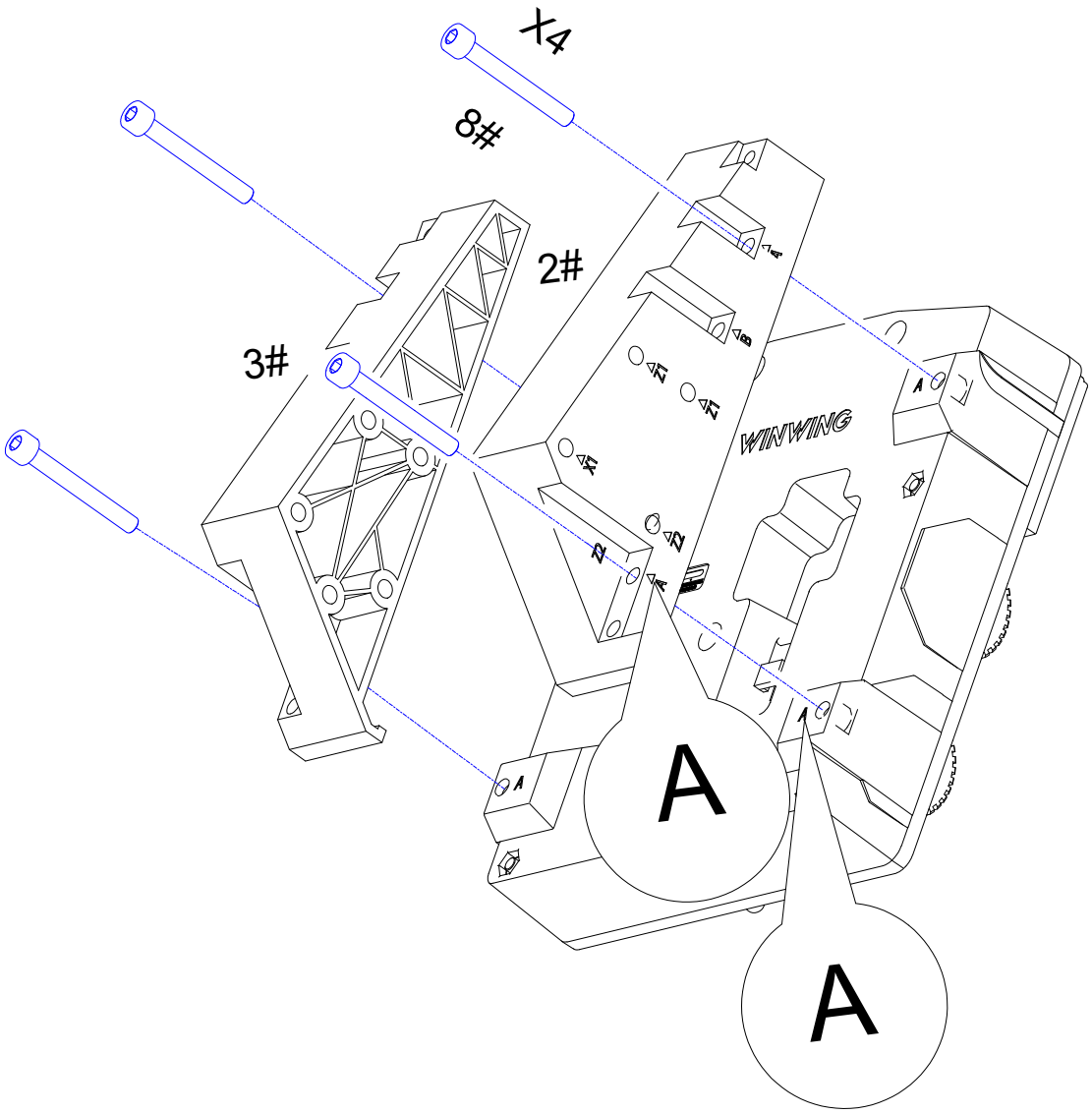


A Hole Mounting

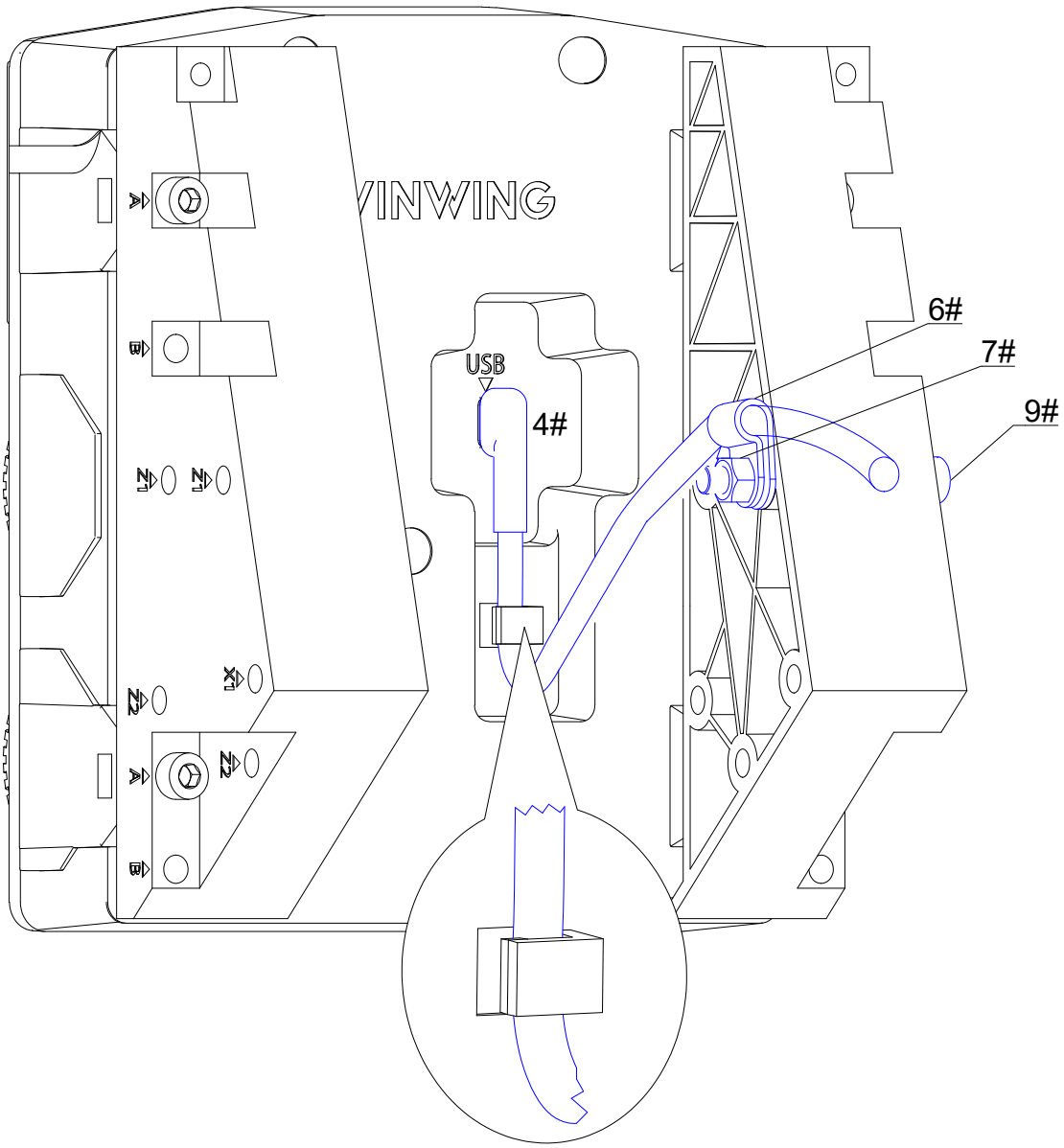


* For the backside A hole, insert the 7# (M5 Nut) from the side.

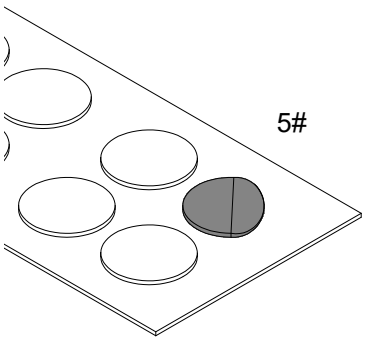
A Hole Mounting

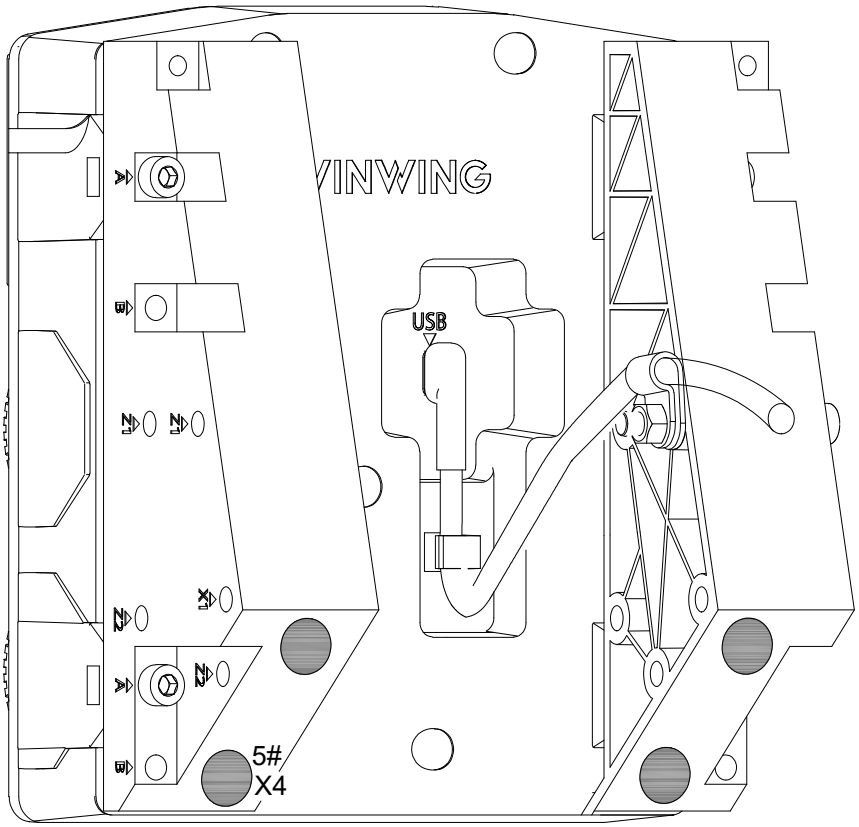


* Tighten the screws until there is no wobbling. Over-tightening may cause damage.
* Specification for 8#: M5X20.



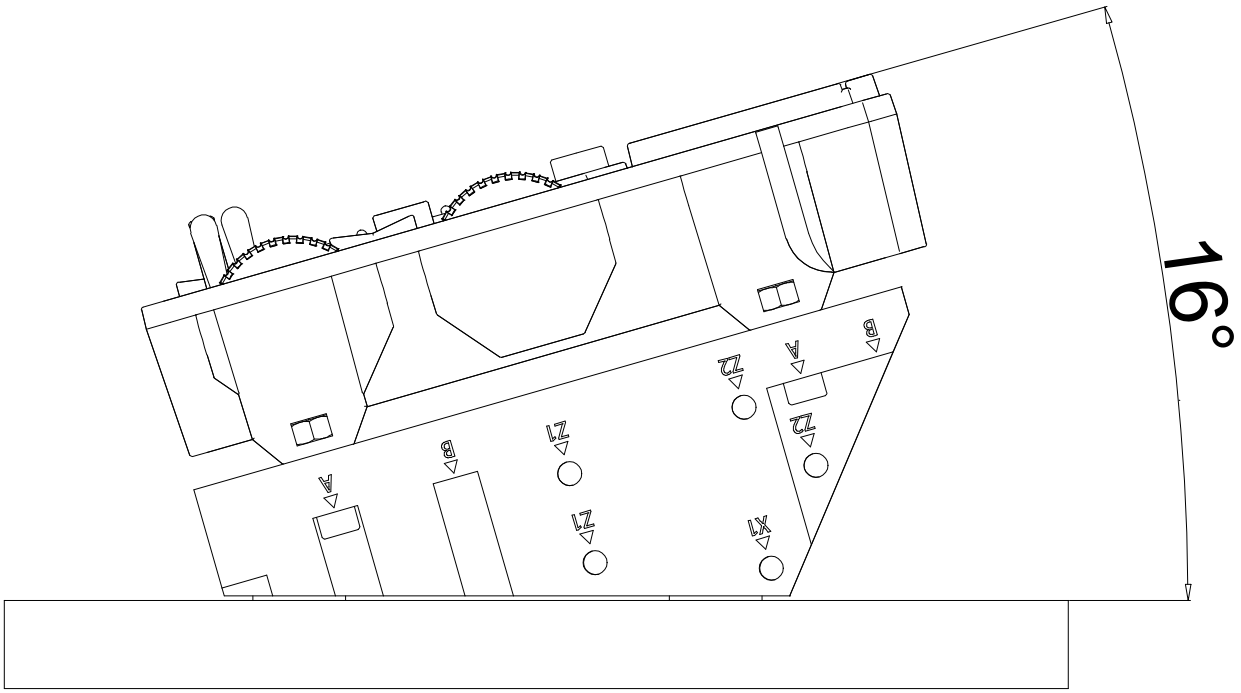
* Tighten the screws until there is no wobbling. Over-tightening may cause damage.
* Unused holes on the bracket can be used for installing line clamps.
* Specification for 7#: M5; Specification for 9#: M5*40.



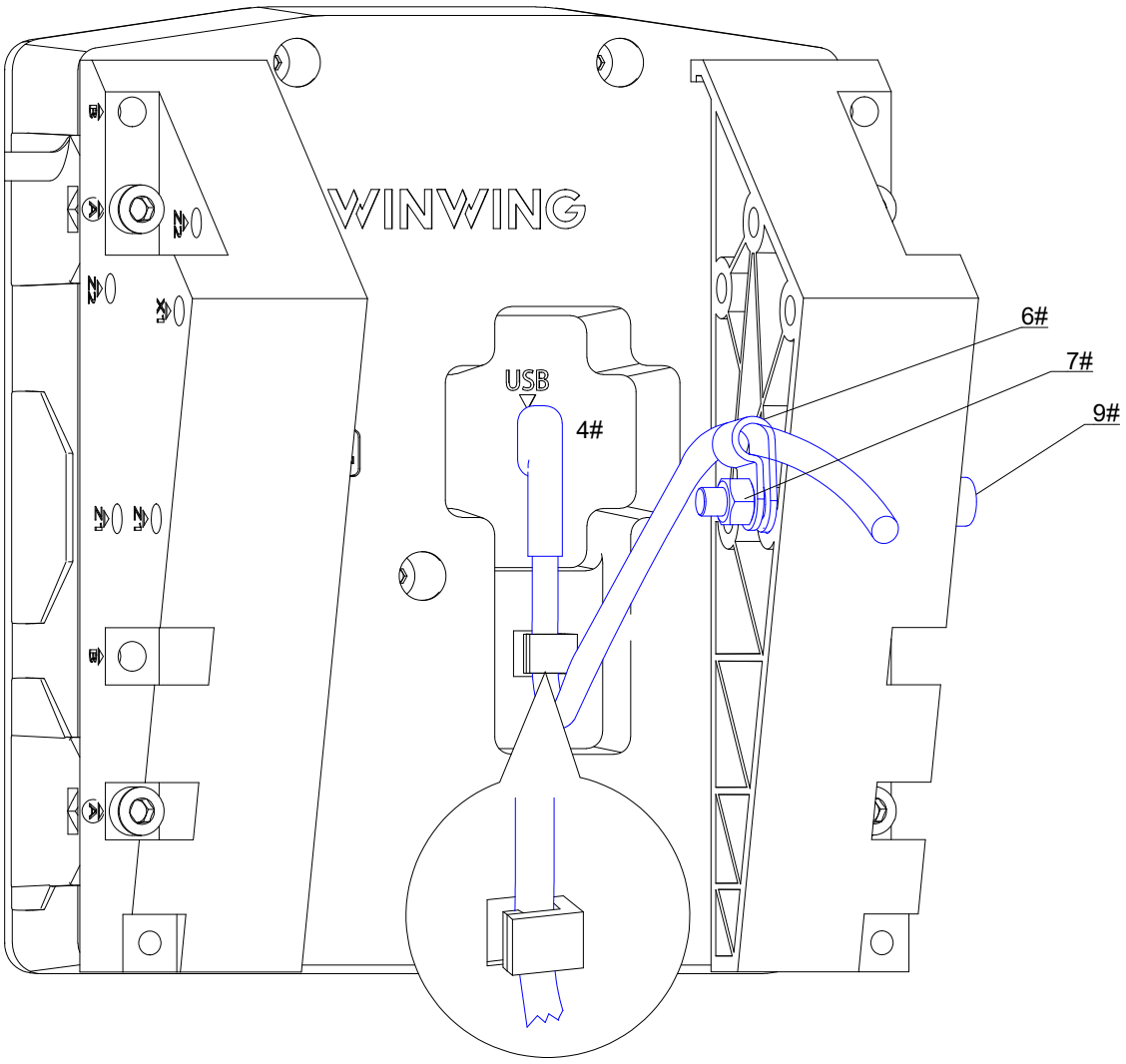


* Clean the surface of the bracket from dust before installation.

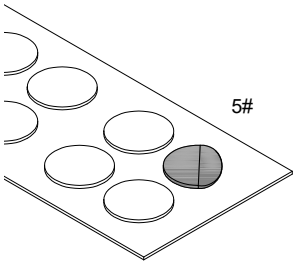
2. Bracket Mounting Methods②: Installing at an angle of 16 degrees from the desktop.

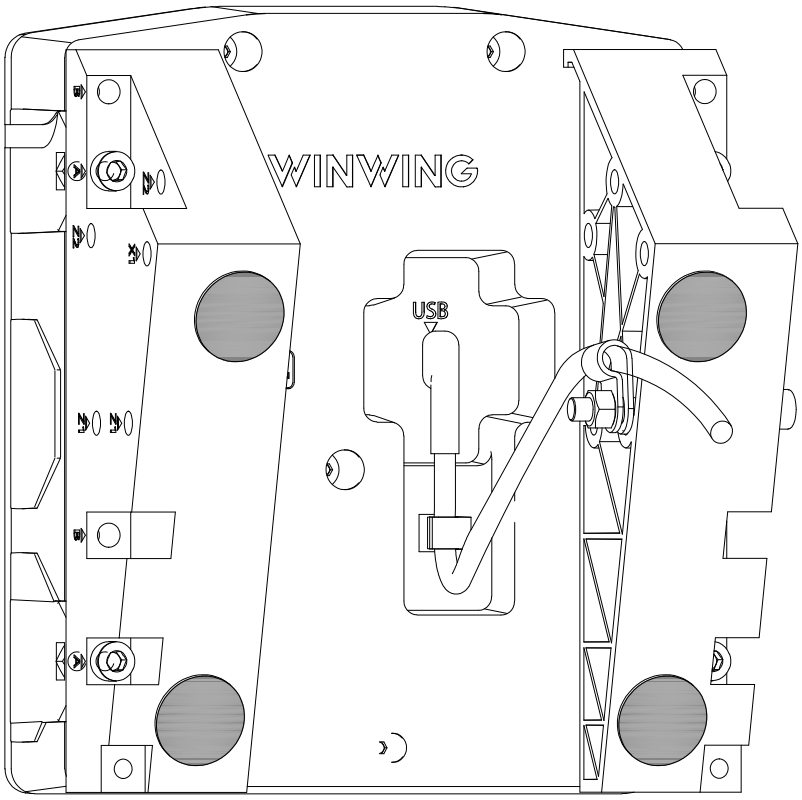


* Hole mounting method, same as Method ①.



* Tighten the screws until there is no wobbling. Over-tightening may cause damage.
* Unused holes on the bracket can be used for installing line clamps.
* Specification for 7#: M5; Specification for 9#: M5*40.



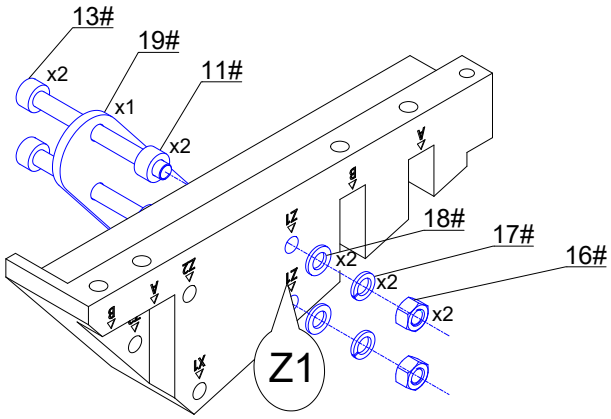


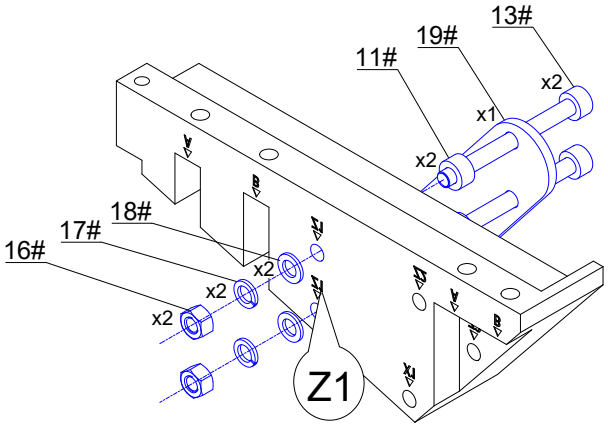
* Clean the surface of the bracket from dust before installation.

3. Install the ICP on the UFC1 for quick switching between two aircraft modules.

   * UFC1 needs to be purchased separately.

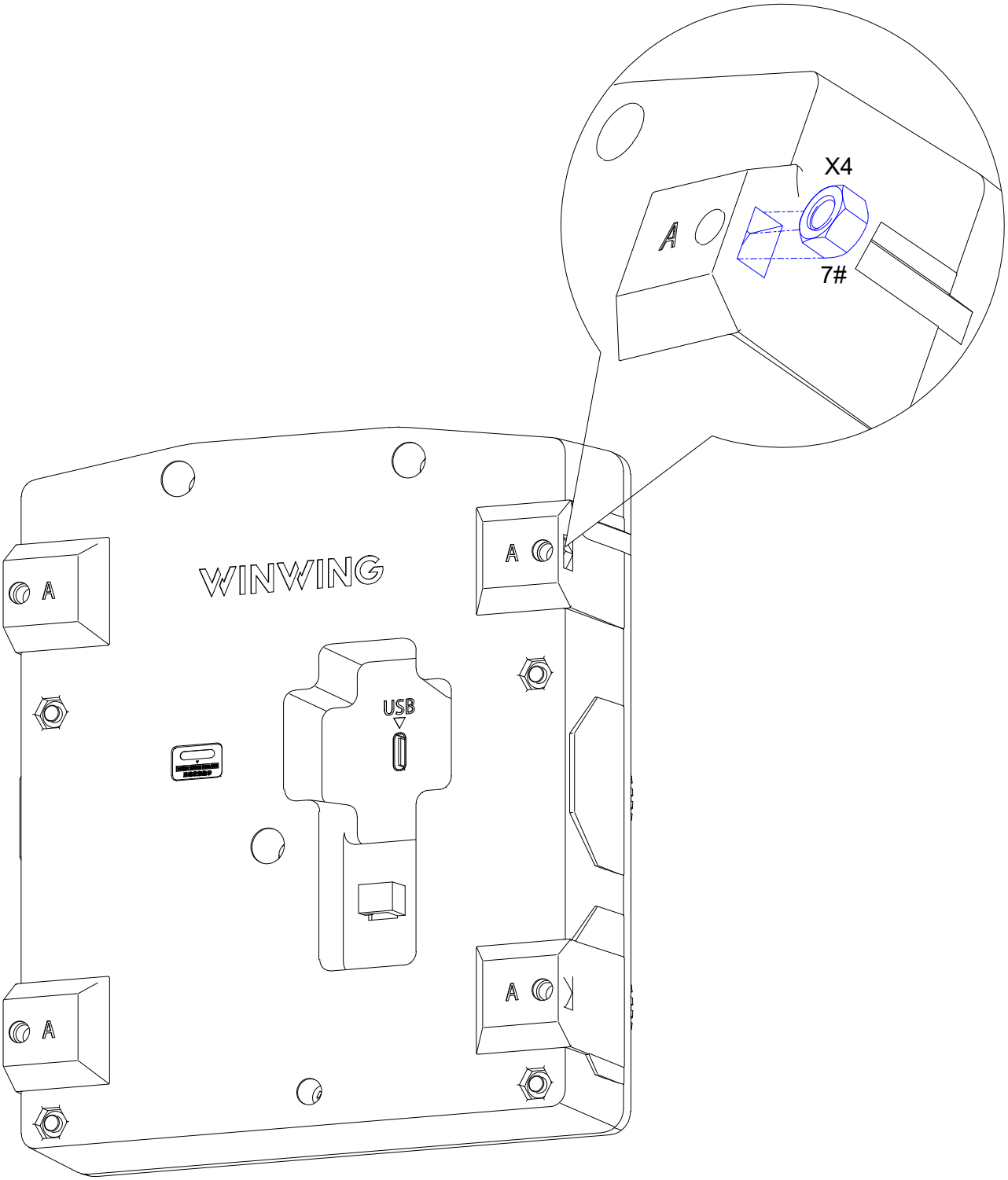
   Provide the following installation method: Installation Method①





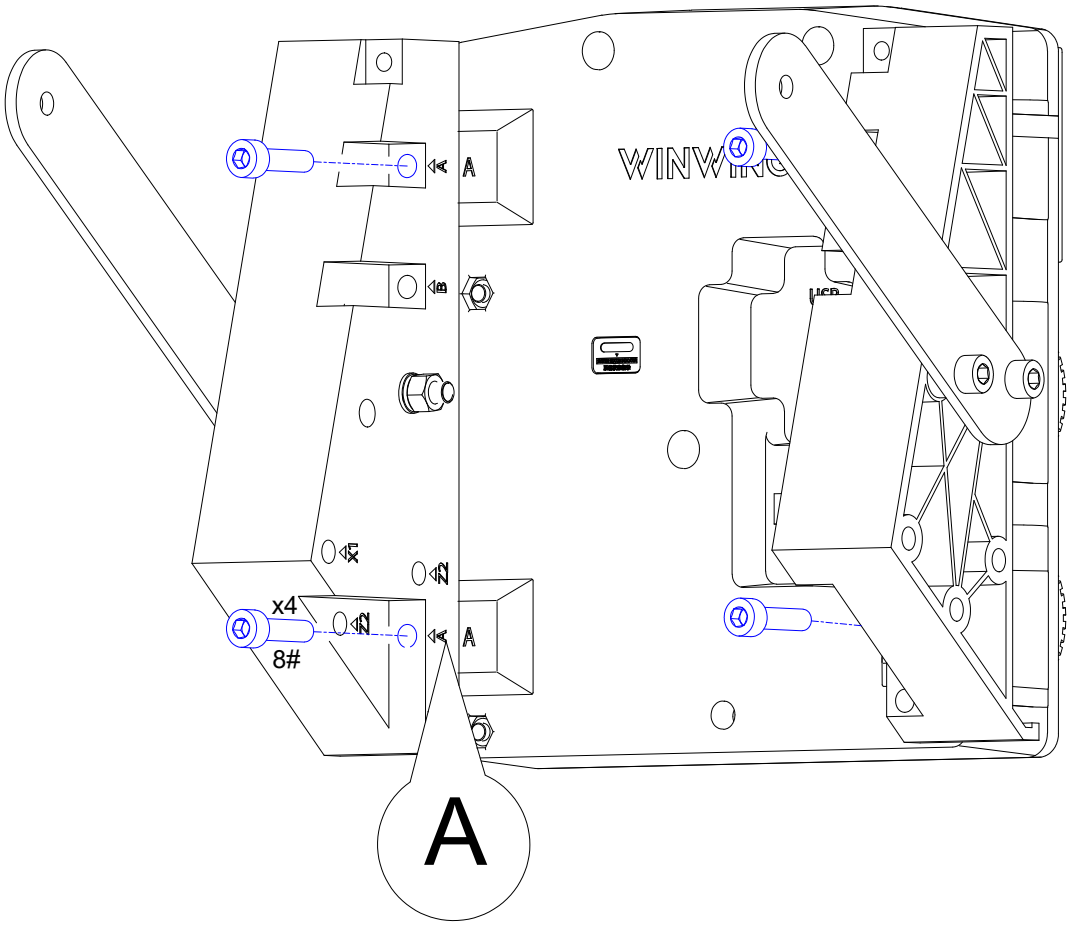
The left and right brackets have the same connection method.

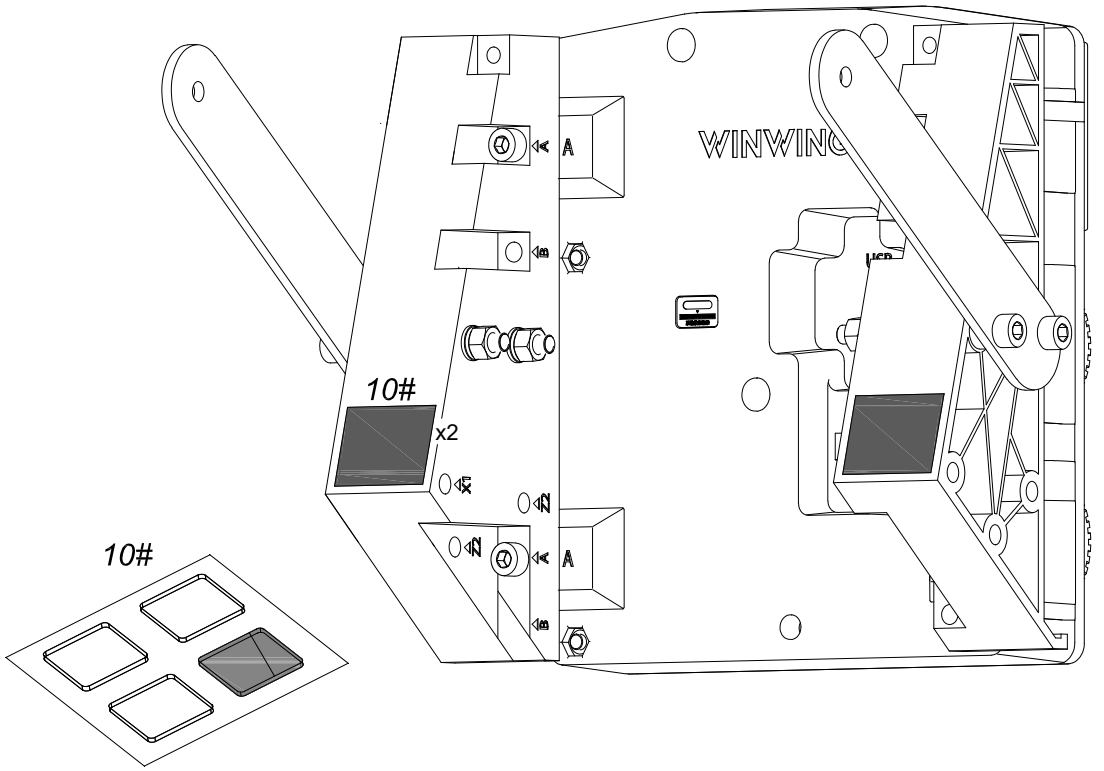
A Hole Mounting



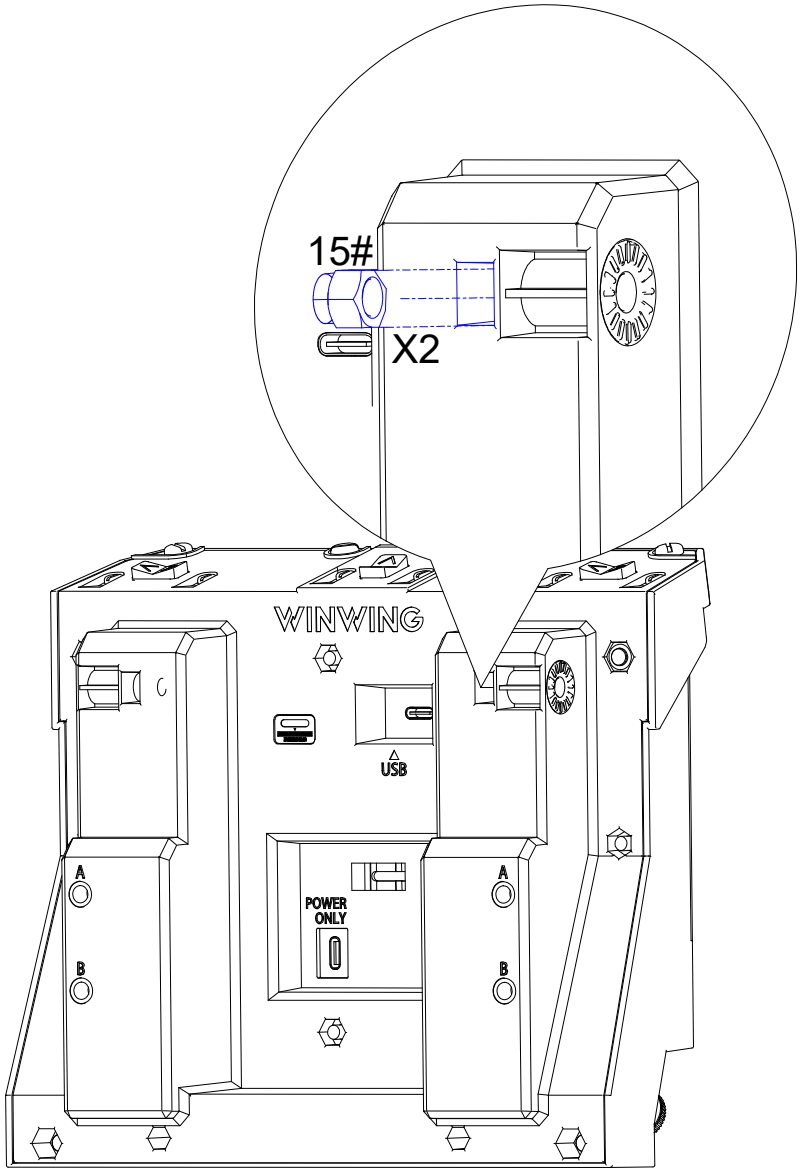
* For the backside A hole, insert the 7# (M5 Nut) from the side.

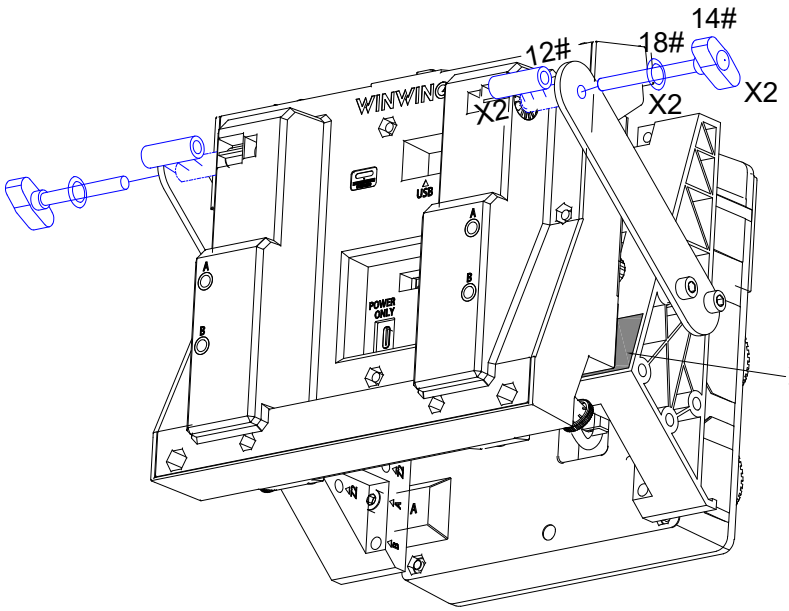
A Hole Mounting



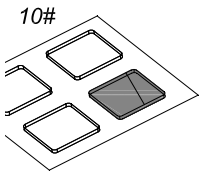


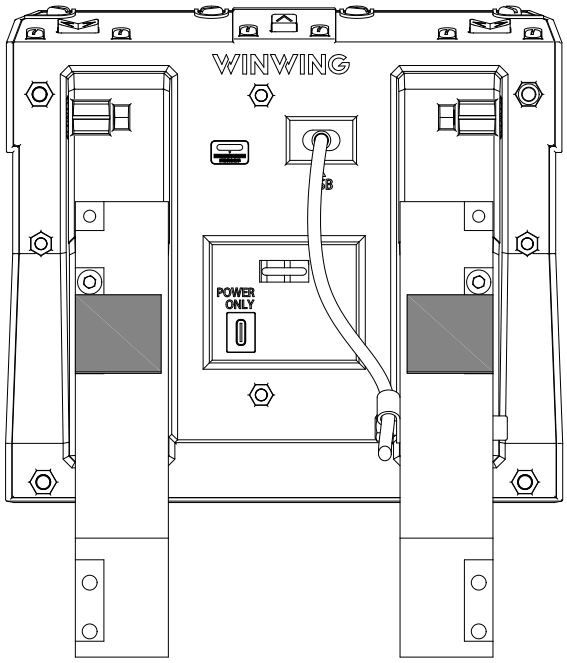
* Clean the surface of the bracket from dust before installation.


15#
X2
WINWING
USB
POWER
ONLY
A
B
A
B

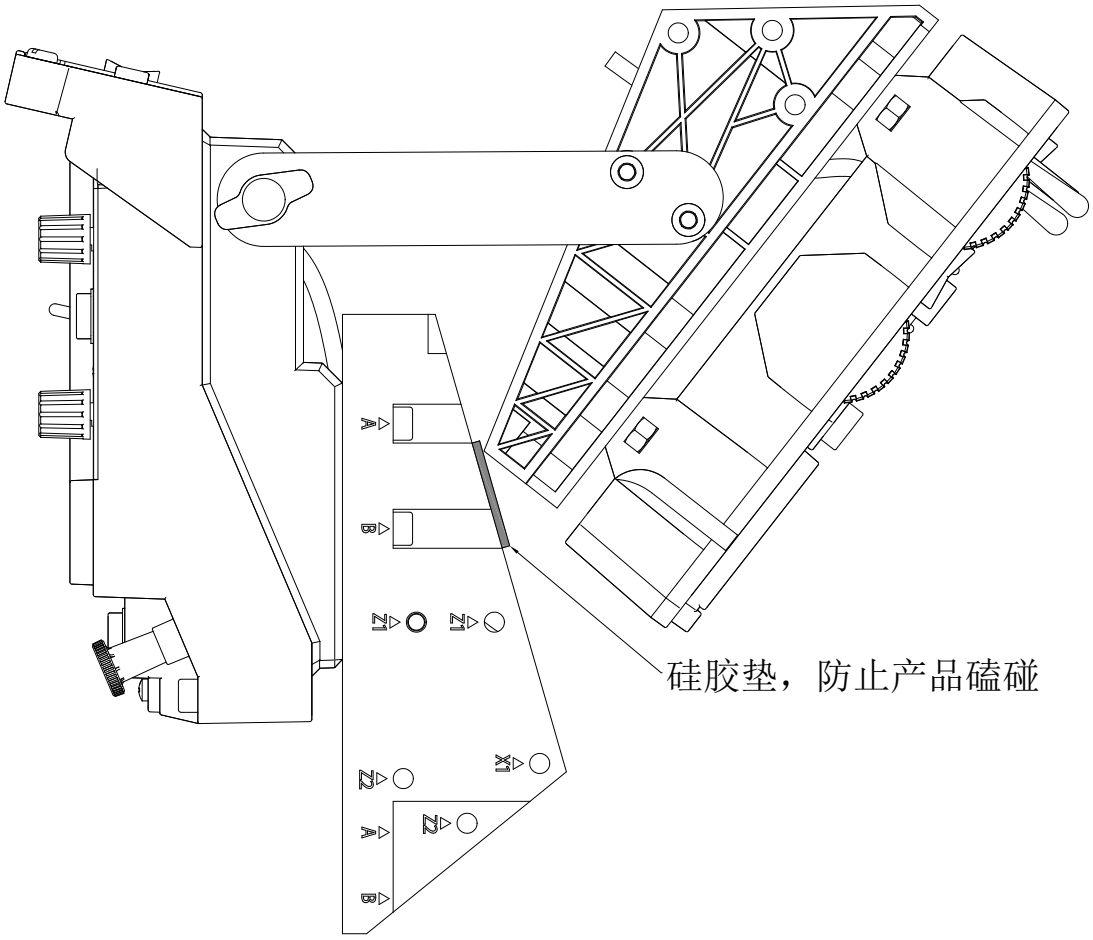

14#
12#
18#
X2
X2
X2
WINWING
USB
POWER
ONLY
A
B
A
B

硅胶垫，防止产品磕碰





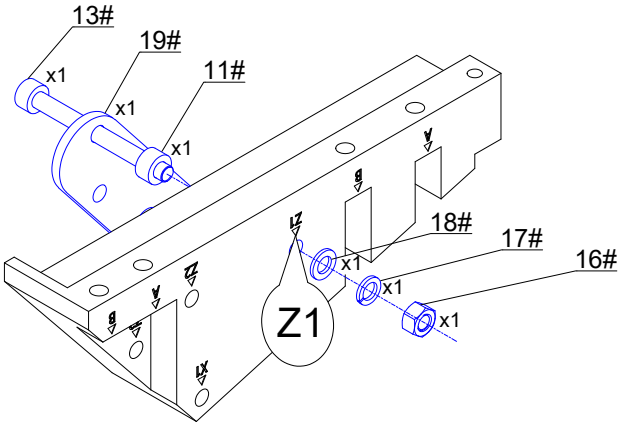
* Clean the surface of the bracket from dust before installation.
* Install a Silicone Pad (10#) on the UFC1.

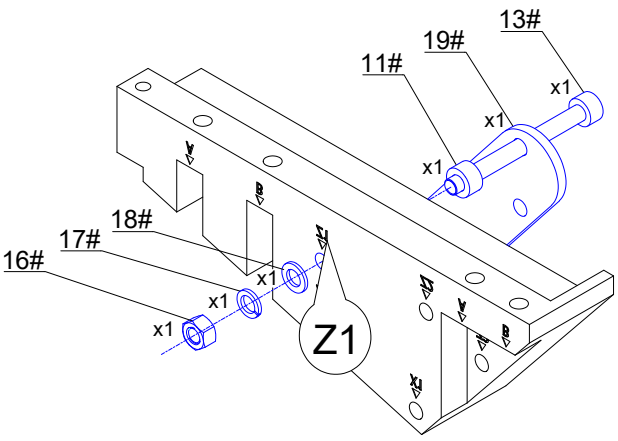

A
B
Z1
Z1
X1
Z2
Z2
A
B
硅胶垫，防止产品磕碰

4. Install the ICP on the UFC1 for quick switching between two aircraft modules.

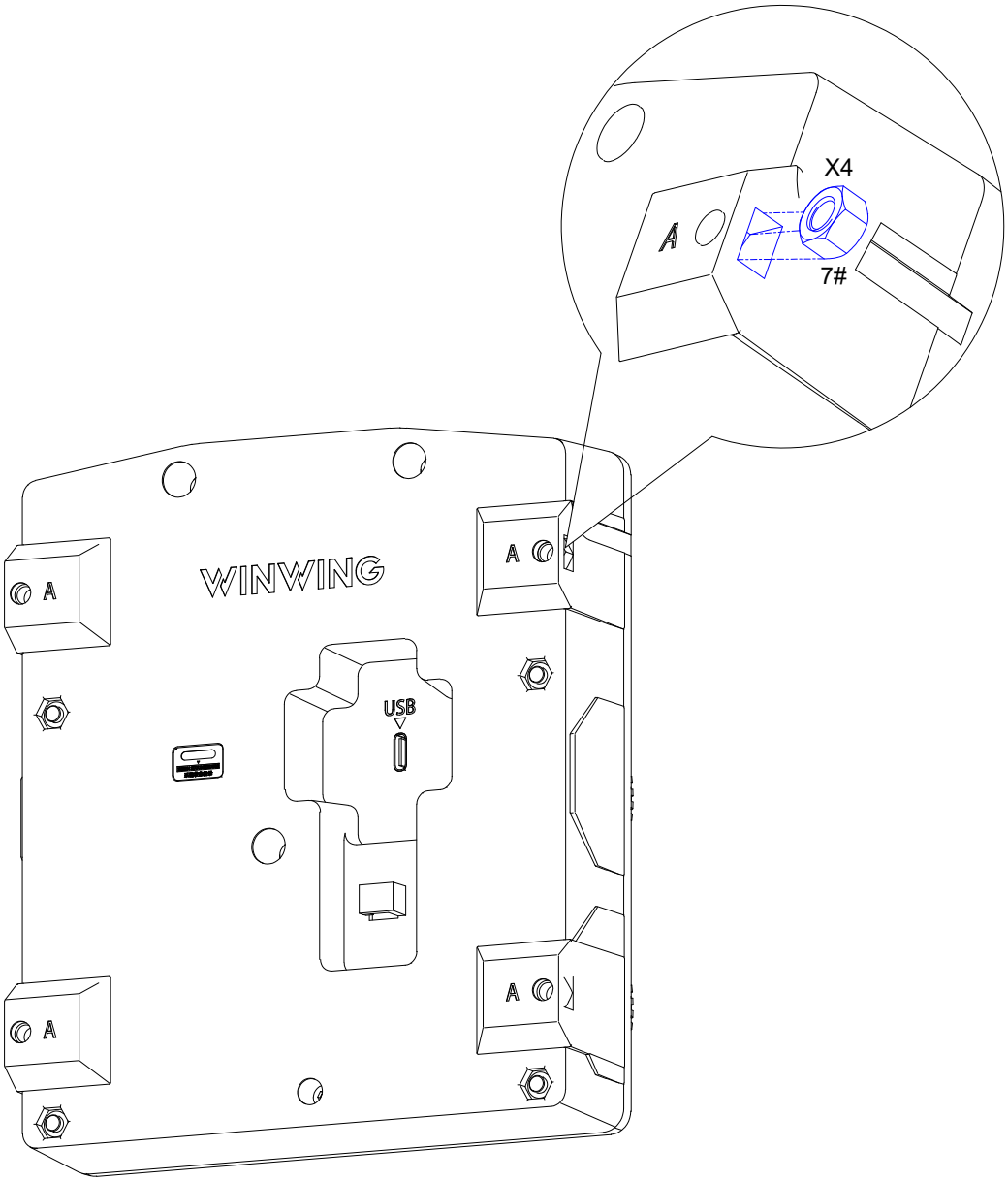
   * UFC1 needs to be purchased separately.

   Provide the following installation method: Installation Method②



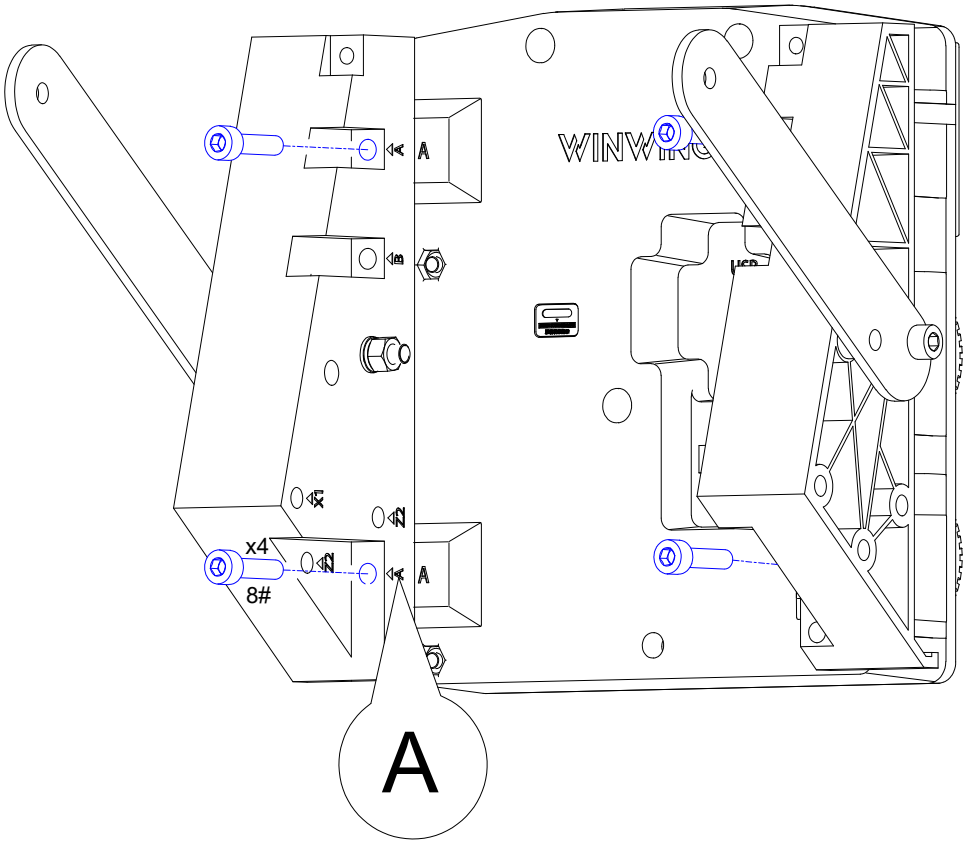


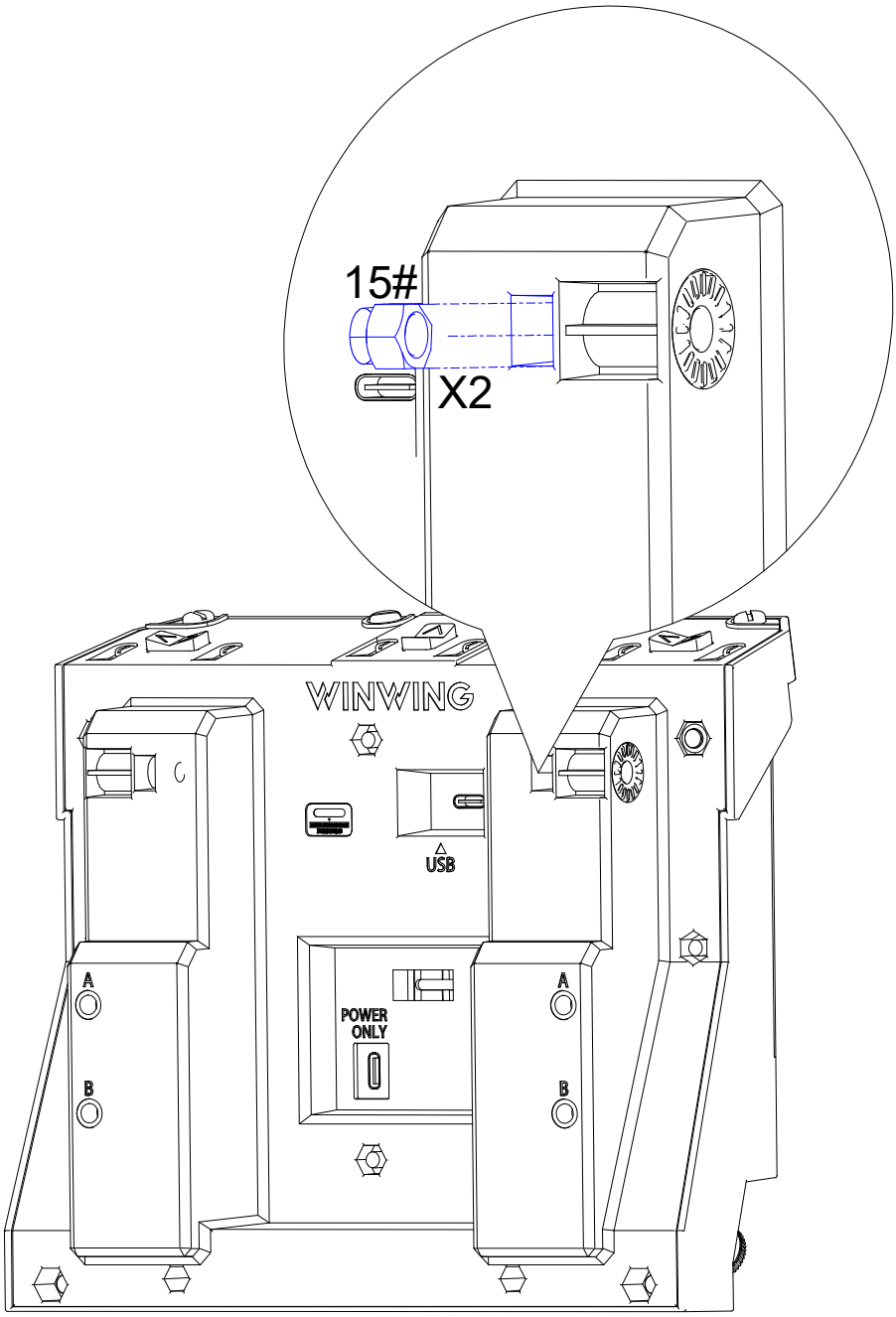
The left and right brackets have the same connection method.

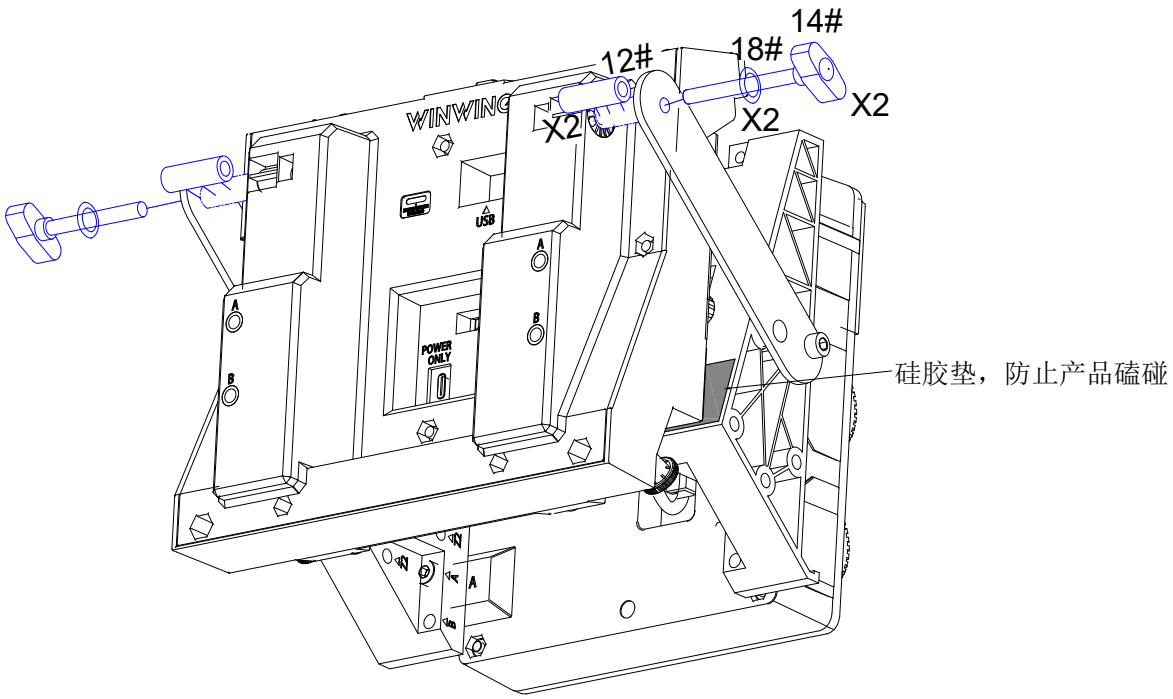


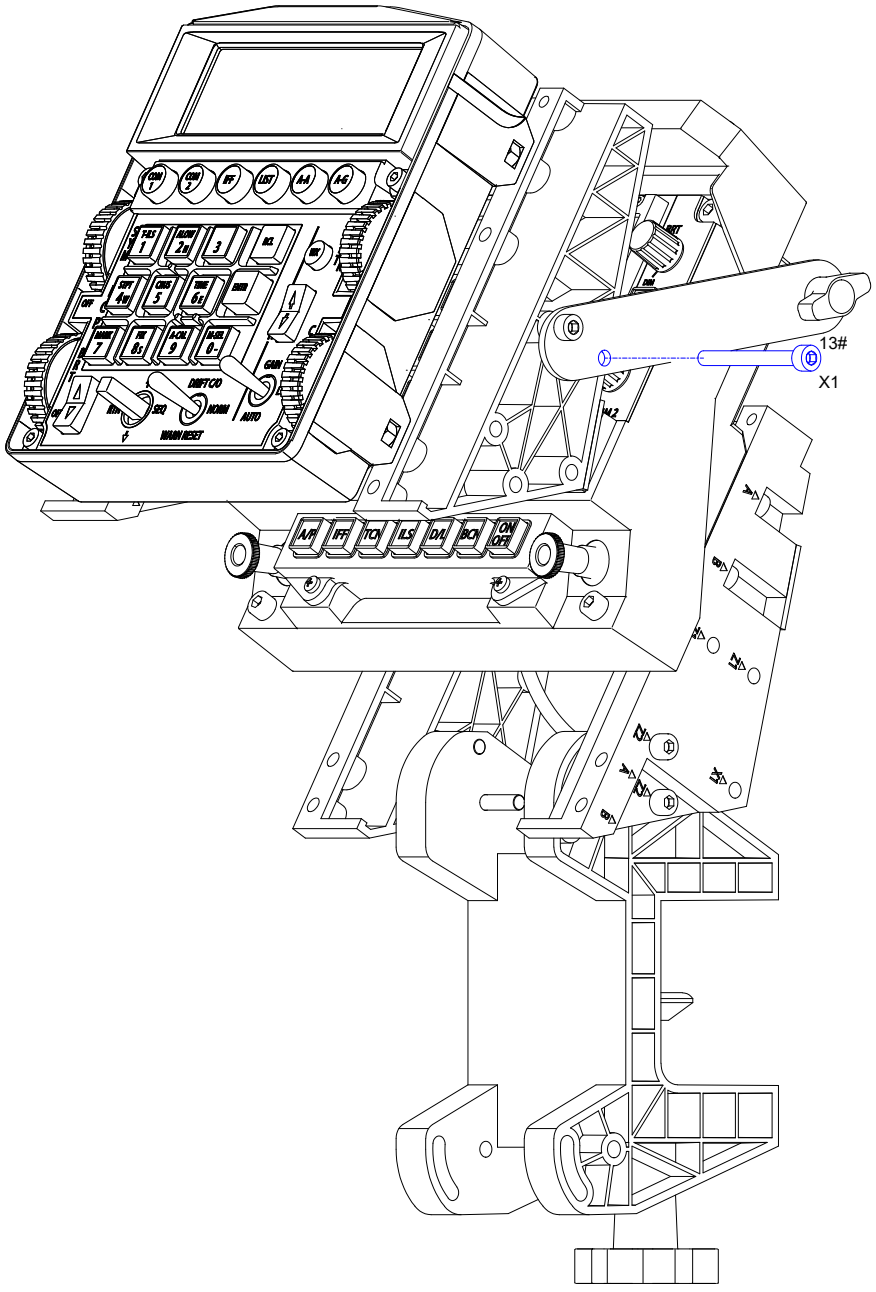
* Insert the 7# (M5 Nut) into the backside A hole from the side.

A Hole Mounting

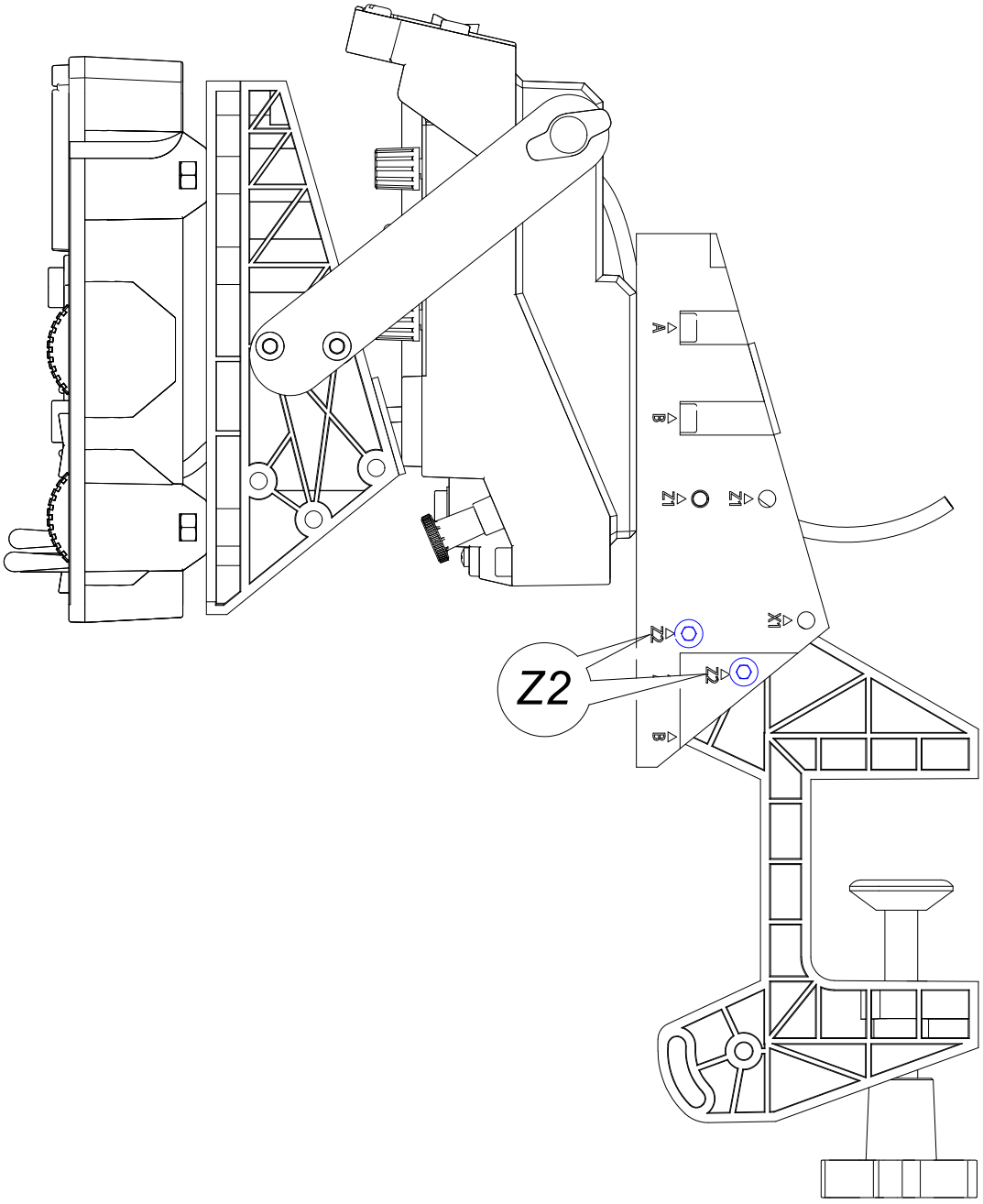



15#
X2
WINWING
USB
POWER
ONLY
A
B
A
B

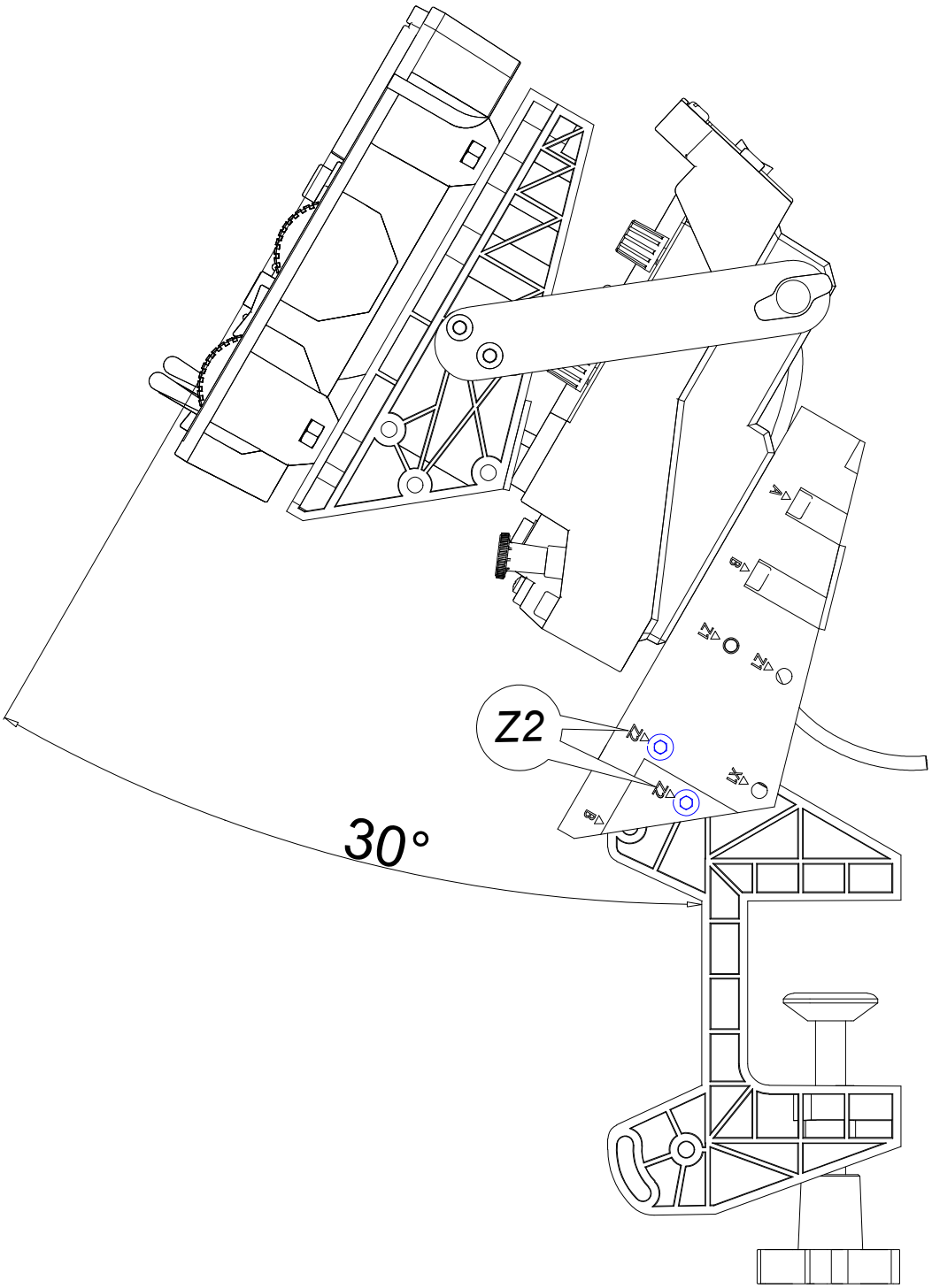

14#
12#
18#
X2
X2
X2
WINWING
USB
POWER ONLY
A
B
硅胶垫，防止产品磕碰



* Insert the M5X50 screw to secure the bracket and prevent wobbling.

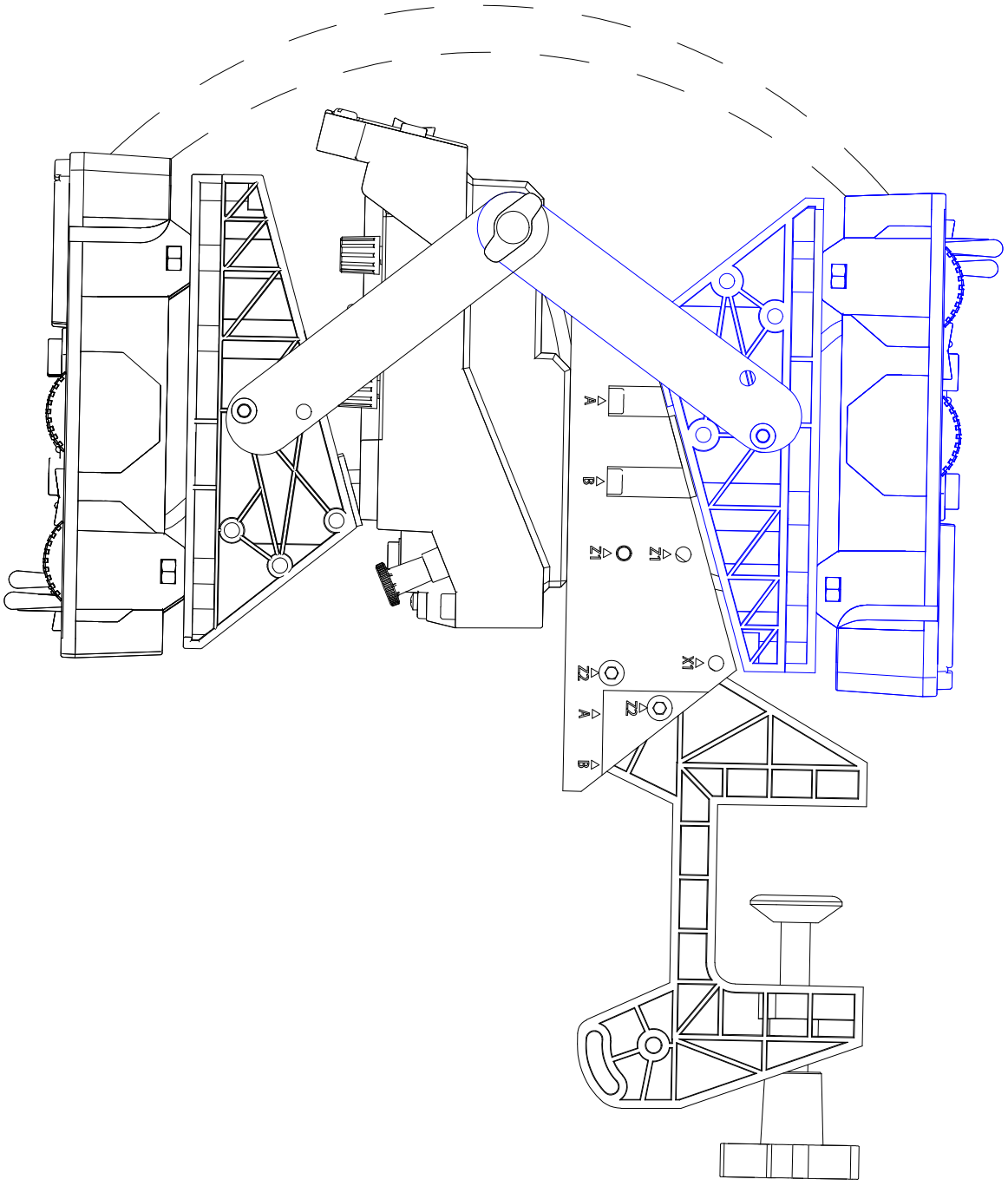


* Loosen the two M5 screws (Z2) to adjust the angle.



* Example:

Adjust the product to 30° to experience different angles. When the optimal angle is reached, tighten the two M5 screws (Z2) to secure it.

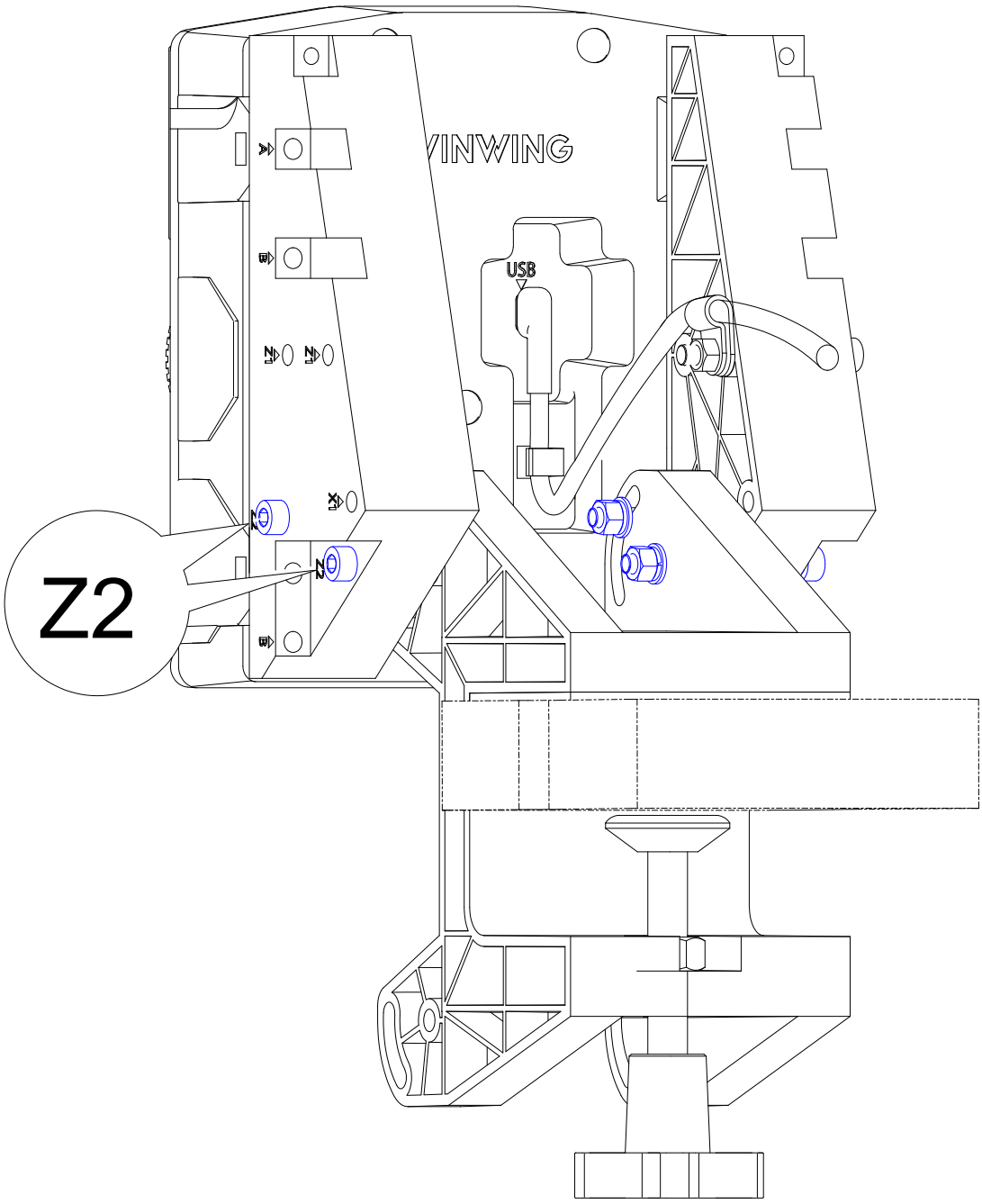


* Remove the M5X50 screw during operation of flipping the ICP .

5. Install the ICP on the MP1

* The MP1 and related accessories need to be purchased separately.

Provide the following installation method:



* For more detailed installation instructions, refer to the "MP1 User Manual."

4.2 Gaming Seat Mounting

(None)

4.3 Cockpit Mounting

(None)

4.4 Cascading

(None)

Content may be updated without prior notice.
*内容如有更新，恕不另行通知。

成都翼胜科技有限责任公司

Chengdu WINWING Tech Co., LTD

WWW.WINWING.CN

INFO@WINWING.CN

成都市郫都区现代工业港长生桥路 1111 号 19 栋

High-tech International Enterprise Zone No.19 Building,Changshengqiao Road

1111#, Pidu District, Chengdu,China 610000