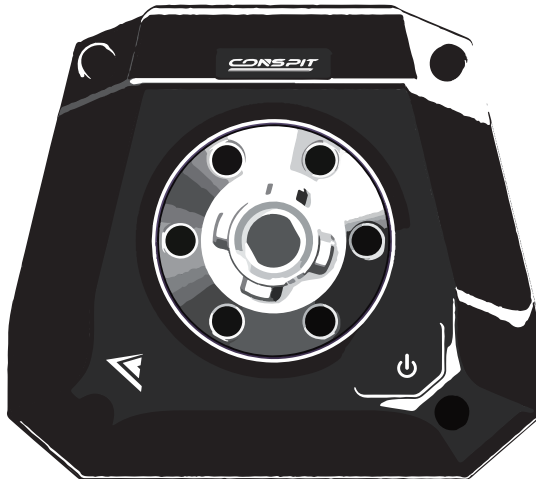


CONSPIT ARES SERIES



Quick Guide

Table of Contents

Product Disclaimer.....	1
Packing List	4
01. Basic Parameters	5
02. Introduction to Use	6
03. CDP Quick Release (Optional)	10
04. CES Emergency Stop (Optional)	11
05. Software Installation and Settings	12

- There may be slight differences between the visuals and descriptions presented and the actual situation. Please refer to the actual circumstances.
- Please read the manual carefully before you use the wheelbase.
- Any **modifications, tampering, changes or unauthorized uses** of the product will void the warranty.
- The wheelbase has no waterproof feature, please keep it away from water, rain, moisture and other items containing liquid.
- Disconnect the USB cable if you will not use the product for a long time.

***Please note the serial number on your product before contacting the support.
The serial number can be found on the warranty card and the side of
the corrugated box, and written here for your convenience.**



Product Disclaimer

We hereby reminds you that:

Before using this product, please ensure that you have carefully read and fully understood this Product Disclaimer and all the following product safety tips and operation specifications. To the extent permitted by the laws of the People's Republic of China, Ensui (Shanghai) Electronic Technology Co., Ltd. is not responsible for all personal injury and/or property damage caused by your failure to obey any of the following safety tips or operating specifications.

If you have any questions about this Disclaimer or the following product safety tips and operating specifications, you can consult through support@conspit.com. In the process of reading this Disclaimer and the following product safety tips and operating specifications, you should immediately stop using this product if you do not agree with any of the contents. If you do use this product, your behavior will be regarded as an acceptance of this Disclaimer and the following product safety tips and operation specifications.

- **Safety messages during handling and installation:**
 - The product and its components are relatively heavy in weight. Please ensure that you or the installer and user have sufficient lifting capacity. When handling and installing parts, please do so within your capabilities. We recommend that at least two people work together to handle and install the product.
 - The product is made of metal and has certain sharp edges. There is a possibility of collision injuries during the handling and installation of parts. Please do not wear slippers, shorts, or clothing that exposes a lot of skin during installation and use.
 - When picking up and moving items, please make sure you have a firm grip. Dropping components can cause property damage or even personal injury.
- **It is essential to use this product under safe conditions:**
 - Please ensure that the user has the ability to move independently and is conscious. Do not use this product when sick, fatigued, or under the influence of alcohol/drugs.
- **Ensure proper installation of the product:**
 - This product requires you to complete some installation work. Make sure that all the devices are properly and securely installed. Please follow the steps and instructions in the product manual during the installation process. Using the product without proper installation may result in the following: partial fasteners coming loose and causing collision injuries, parts detaching and causing injury to yourself or others.
- **Safety information for product placement:**
 - Do not pile up debris within a 50-centimeter radius around the product. Leave enough space around the product for comfortable use and movement.

- **Safety information during play:**
 - Do not carry sharp objects (such as keys, screwdrivers, utility knives, etc.) during activities. Otherwise, serious personal injuries may occur.
 - Avoid others entering the user's operating area.
 - Avoid using excessive force. This product has been designed and manufactured with large structural strength and safety margins to prevent component detachment/failure. However, improper application of force beyond normal usage may still cause component damage, leading to potential safety risks.

- **Situations that may pose hazards during normal use include, but are not limited to:**
 - Other people or pets coming close to the user's operating area.
 - Electrical cables near the working area of pedals, steering wheels, and other moving parts.
 - Exposed skin on knees, arms, feet, legs, and other body parts due to inadequate clothing coverage.

- **Follow all safety tips and operating procedures:**
 - Avoid using the product for an extended period - prolonged continuous use may cause fatigue, muscle pain, or other negative effects. We recommend a maximum single-use time of 2 hours, and the daily maximum recommended usage time should not exceed 6 hours.

- **Malfunctioning and damaged products:**
 - If the product is damaged or cannot be used properly, please stop using it immediately and consult CONSPIT's after-sales customer service. Continuing to use it may cause further damage to the product.
 - Do not attempt to repair the product or its accessories by yourself.

- **General preventive measures:**
 - Please store and protect the product and its accessories properly.
 - Do not immerse the product in liquid.
 - Do not use the product in any environment with flammable substances.
 - Using the product in dusty or dirty locations may cause damage.
 - Do not drop the product (or its components) or subject it to physical impact.

The CONSPIT Ares Series Sim-racing Wheelbase is designed for sim racers who seek the ultimate competitive experience. Equipped with a high-precision skew-pole direct-drive motor specifically developed for sim racing and a deeply optimized high-performance force feedback system, it delivers an unprecedented realistic driving experience with highly detailed tactile feedback.



Please verify all the components listed in the packing list before starting the installation.

The installation process is expected to take 5-10 minutes.

Packing List



wheelbase



M6*16mm
hex bolts
(4 pieces)



M6*16mm
round head hex bolts
(4 pieces)



M8*16mm
hex bolts
(4 pieces)



M8*16mm
round head hex bolts
(4 pieces)



hex wrench 6.0
hex wrench 5.0
hex wrench 4.0



M6
metal gaskets
(4 pieces)



M8
metal gaskets
(4 pieces)



stickers



power adaptor

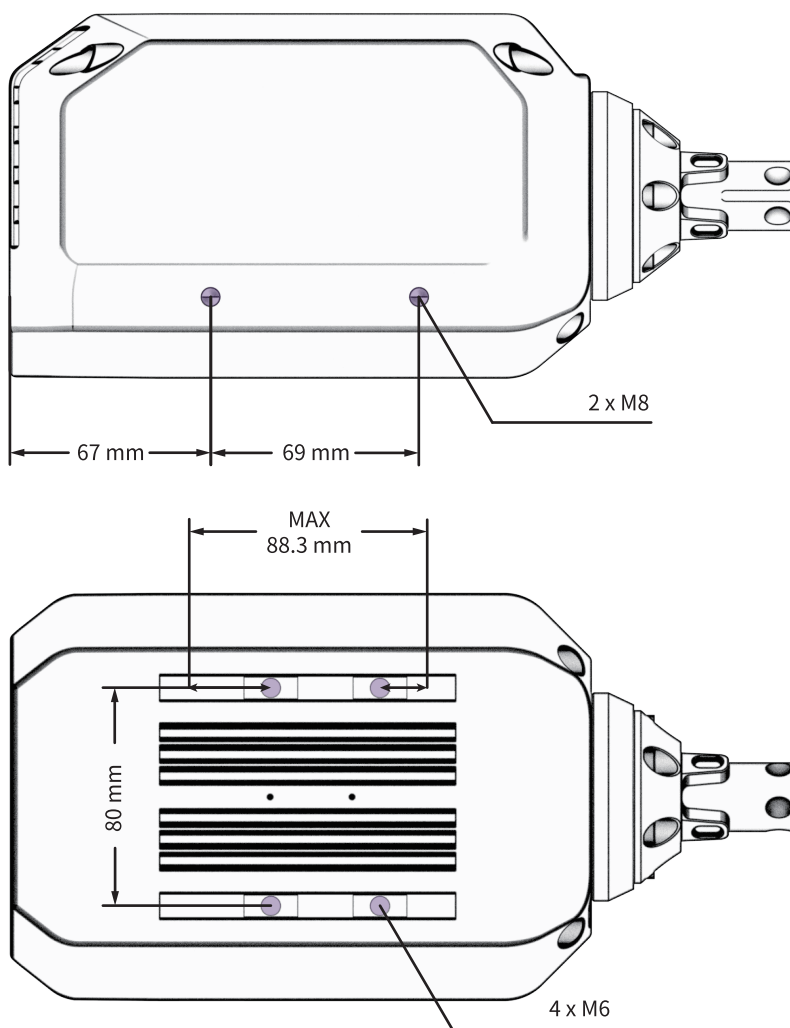


USB cable

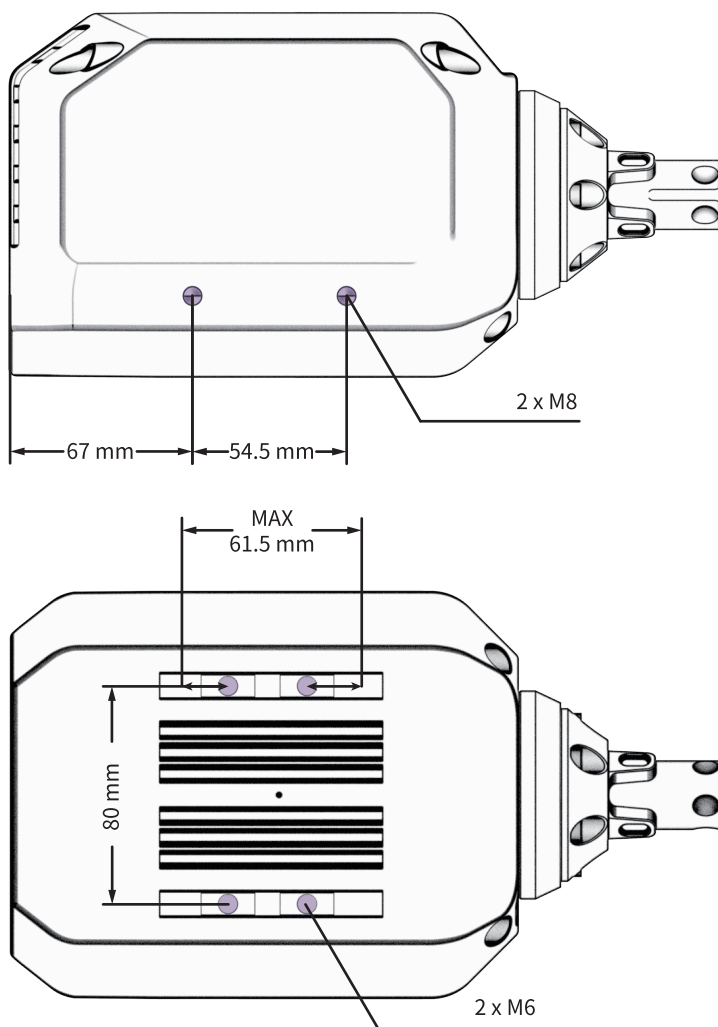
***Safety Warning:** The product is heavy, with sharp edges in some areas,
stay safe when installing.

Maximum Torque:	20 Nm
Software:	Conspit Link 2.0
Product Dimensions:	134x150x287 mm
Net Weight:	7.9 kg
Motor:	Customized skew-pole direct-drive
Encoder:	23-bit resolution optical encoder
MCU:	170MHz+168MHz unsymmetric dual-core
Power and Communication:	20 million revolutions slip ring
Power Supply:	48V 8.33A
Quick Release:	CDP quick release, steering wheel end is optional
E-Stop:	CES emergency stop, optional
Mounting Holes:	M6 x 4 (bottom), M8 x 4 (sides)

Maximum Torque:	12 Nm
Software:	Conspit Link 2.0
Product Dimensions:	134x150x260 mm
Net Weight:	5.6 kg
Motor:	Customized skew-pole direct-drive
Encoder:	23-bit resolution optical encoder
MCU:	170MHz+168MHz unsymmetric dual-core
Power and Communication:	20 million revolutions slip ring
Power Supply:	48V 6A
Quick Release:	CDP quick release, steering wheel end is optional
E-Stop:	CES emergency stop, optional
Mounting Holes:	M6 x 4 (bottom), M8 x 4 (sides)

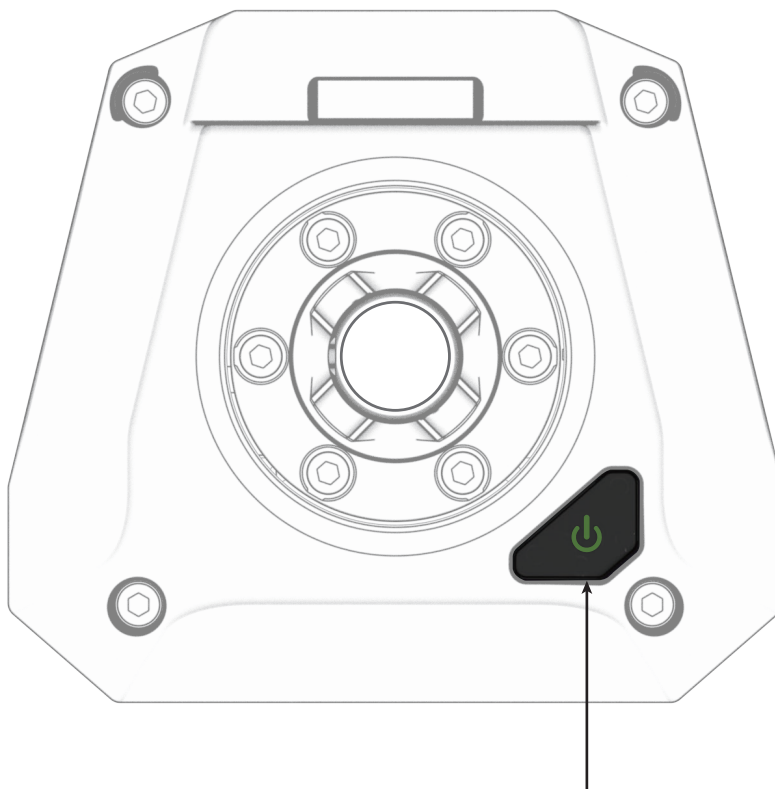


Mounting hole positions diagram (Ares Platinum)



Mounting hole positions diagram (Ares)

Sleep Switch and Indicators



Sleep Switch Indicator:



Off: Shutdown status

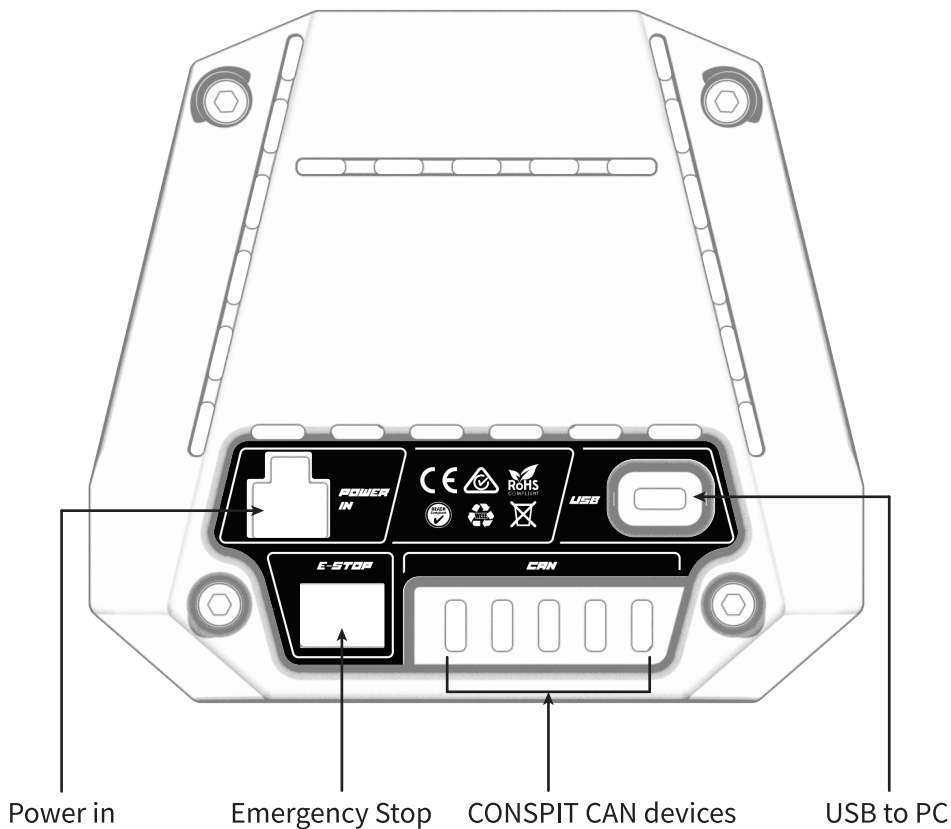
Green light steady on: Normal working status

Blue light steady on: Idle mode, or USB not connected

Idle Switch:
Click to switch working mode
Press and hold for 2 sec to shut down

* Please scan the QR code on page 12 to access the Function Guide for information on the other status indicators.

Connections



*** Note:**

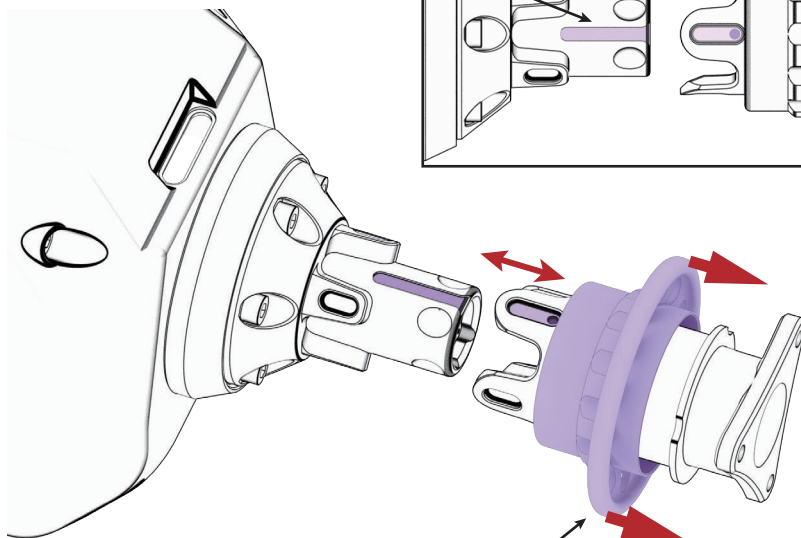
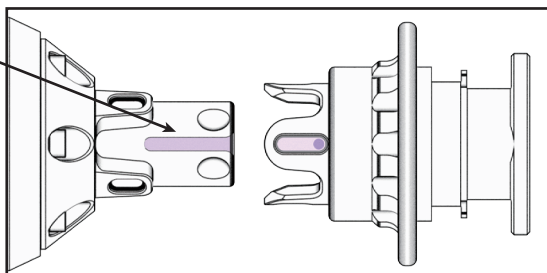
Please check your electrical environment and ensure that the sockets used are properly grounded to avoid effecting the normal function of the product.

*** For a more stable driving experience, it is recommended to directly connect the USB to the USB port on the main control board of your computer rather than using a USB hub.**

03 CDP Quick Release (Optional)

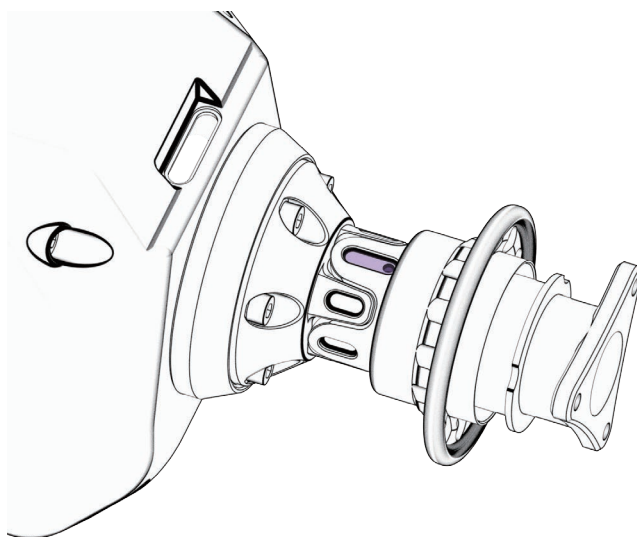
1

Align with the color mark
before connecting.



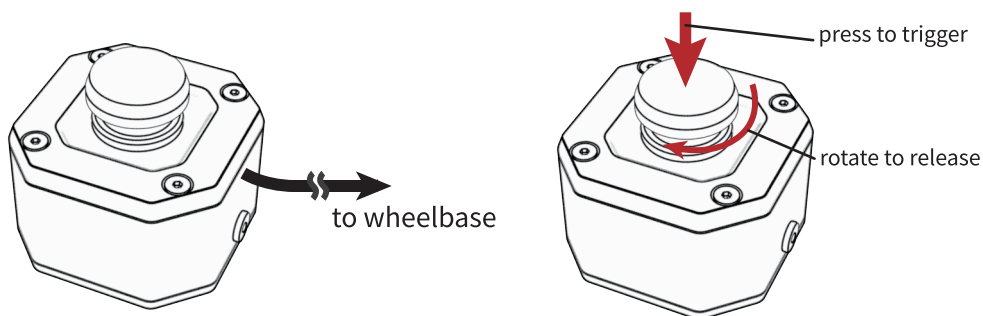
Press down the locking ring, then plug in or unplug.

2

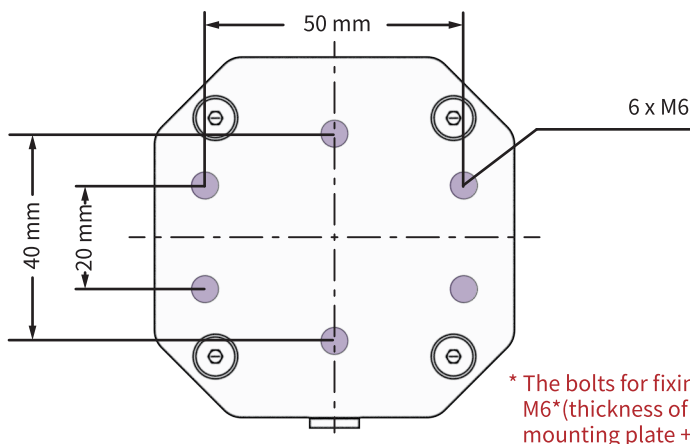
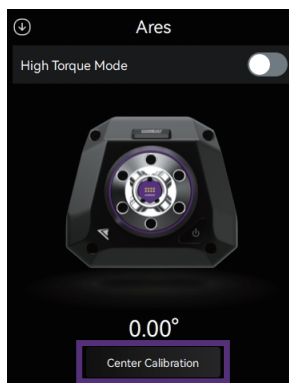


04 CES Emergency Stop (Optional)

* After pressing the emergency stop button, the wheelbase will immediately enter the Protection Mode.



* After releasing the emergency stop button, please enter Conspit Link 2.0 to re-calibrate the center.



* The bolts for fixing should be M6*(thickness of your mounting plate + 4)mm.

Mounting hole positions diagram

* Visit www.conspit.com and download Conspit Link 2.0.



Please scan the QR code for reference.

CONSPIT