

# Motorized Stand For Interactive Flat Panel



# Motorized Stand LS-01



## Product parameters

Model	LS01	Output voltage	DC 24V
Lifting range	840-1190mm	Input voltage	AC 100V-240V
Lifting speed	12mm/s	Power	30W
Load	180KG	Frequency of use	S2-10min
Control mode	Remote control Hand controller (drive-by-wire)	Material	Aviation aluminum

## Product features

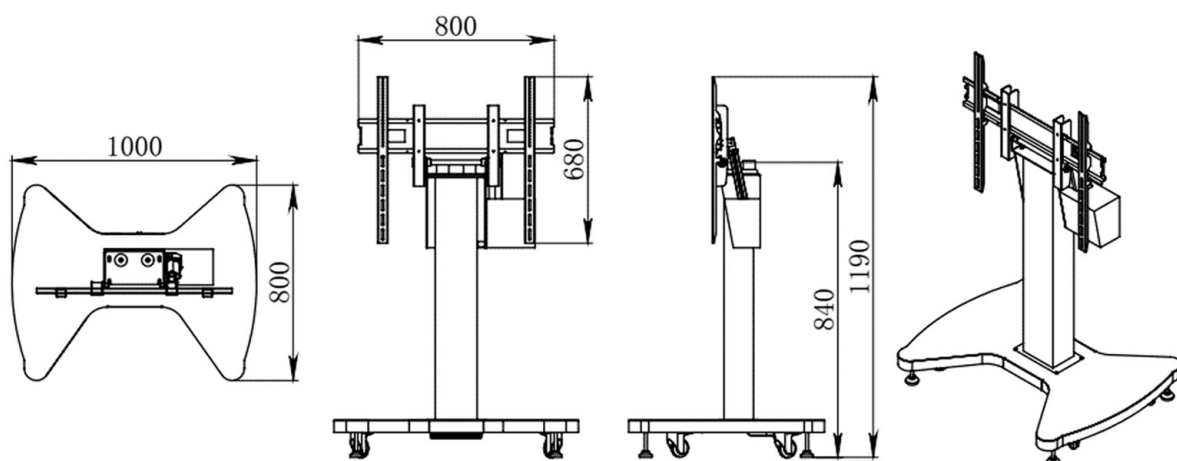
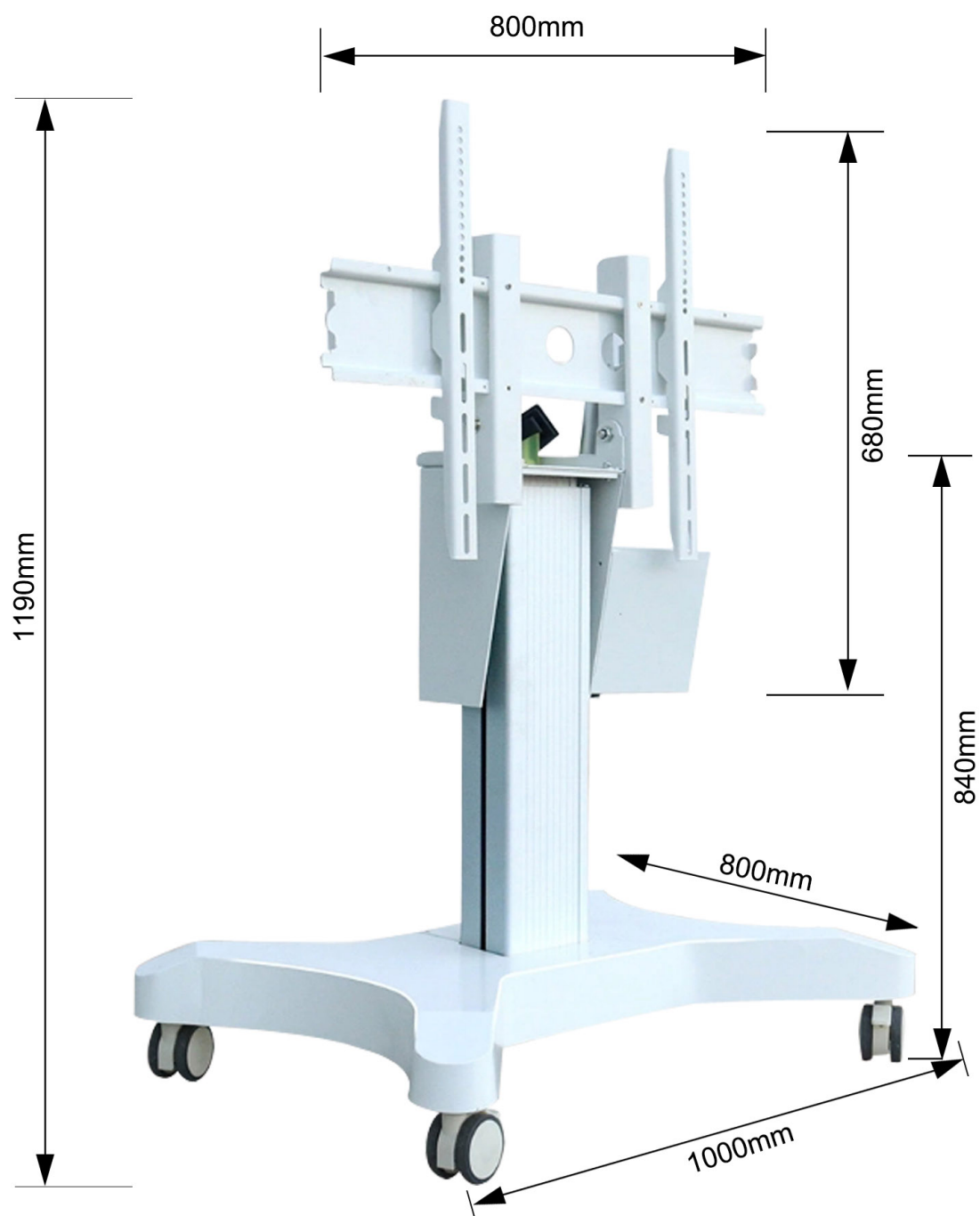
- The product is applicable to 40-86 inch All-in-one teaching machine, touch TV, advertising machine, inquiry machine, etc.
- Maximum product load: 180KG, Passed CE、ROHS certification.
- The material of Lifting and Rotating Stand is high-quality aluminum alloy, fashionable, beautiful and atmospheric.
- The height of the product can be adjusted at will to meet the needs of different TVs and different occasions.
- The product can be flipped from 0-90 degrees at will, and one machine can be used for three.
- Lifting and Rotating Stand Height Adjustment 1250-1750mm.
- Control mode: remote control、Hand controller (drive-by-wire) .
- International VESA standard, mounting hole position can be customized according to actual size.
- Beautiful large bearing base can be customized according to requirements.
- Wheels with all-round braking function.
- Pre-assembly makes product installation more convenient.
- Provide complete wiring management and installation screw package.

## Work environment

- Ambient temperature:  $-25\sim+40^{\circ}$
- Relative humidity: 20%~80%
- Altitude: No more than 1500M
- Protection grade: IP44
- Operation mode: intermittent operation, interval between two operations $\geq 2$  minutes

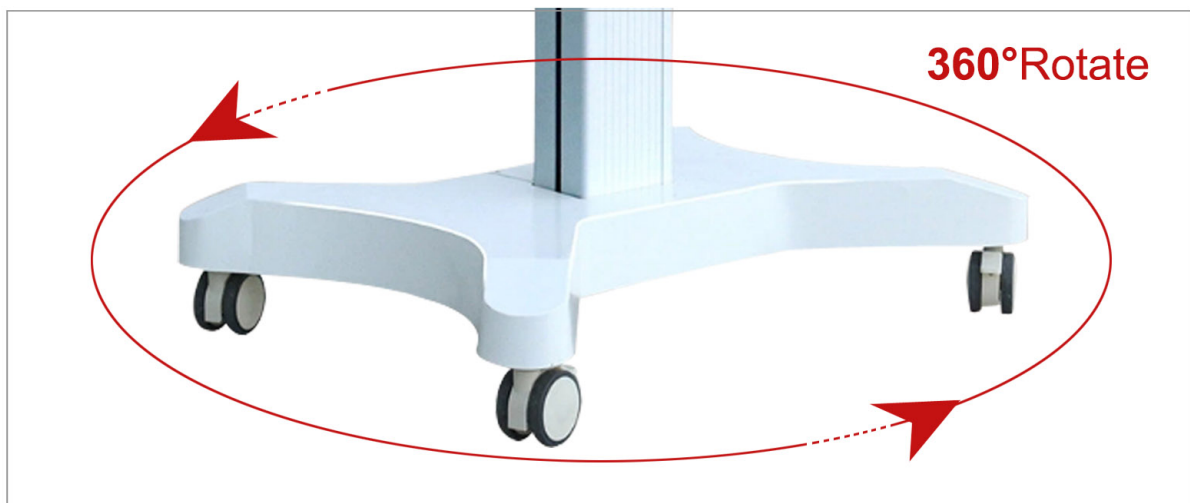
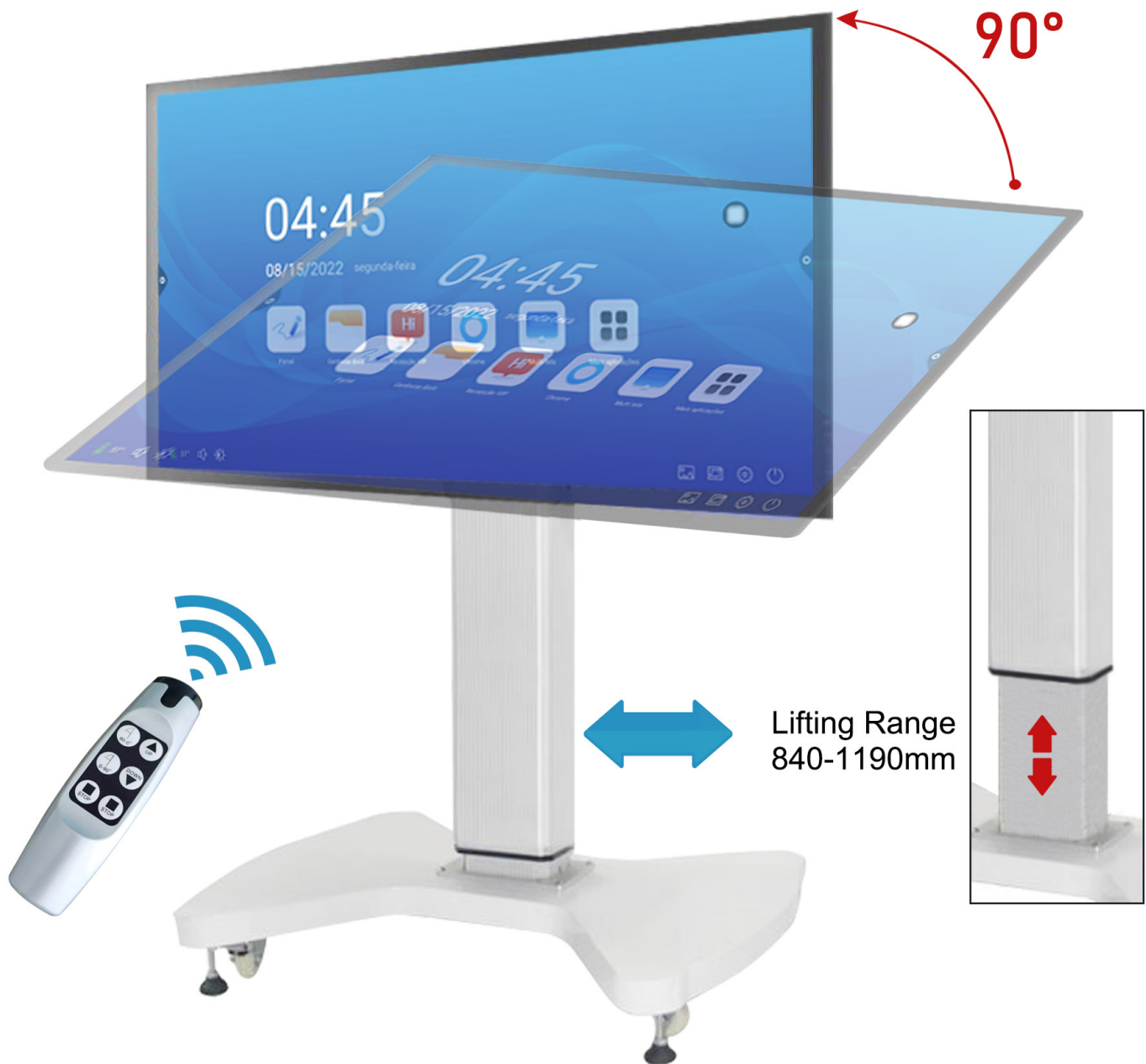


## Product size





## 0-90° Pitch Adjustment







## Up and down Adjustment



**Note: 1. It is equipped with a European standard power cord embedded in the aluminum bucket.**  
**2. The column is silver, and the metal parts of the base and the hanger are black.**

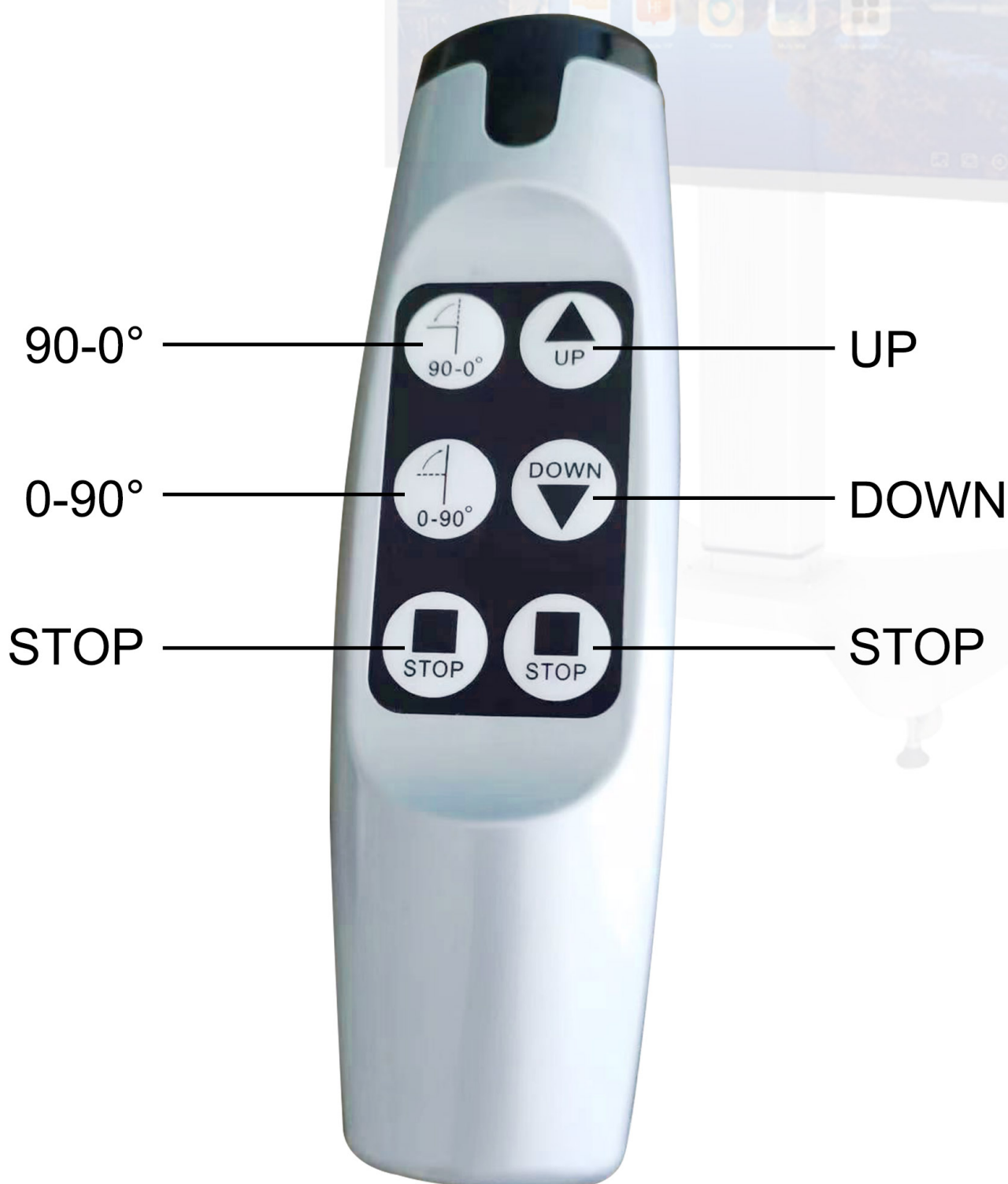


## Product description

- The product is made of aviation aluminum material, with reasonable structure, beautiful appearance, simple operation, low noise, beautiful appearance, stable lifting and practical use.
- This product is specialized for universities, training institutions, conference rooms, government offices, business videos and other products. It is widely used in various industries of educational equipment.  
For example: school teaching integrated machine, mobile cart, exhibition hall, major training sites, R & D room, business video conference, etc.
- It can be customized according to the different needs of customers.



# Remote Control





## Remote control

- Install the 12V battery and press any key to send the key signal.



## Controller

- Learning code: Press the learning button on the control box once, the indicator light on the control box will work (when the red light is on), and then press any key on the remote controller. The indicator light flashes and then returns to the inoperative state. If the learning code is successful.
- After the learning code is successful, press the remote control key, and the relay on the receiving board will act (motor start / stop action)
- After the mode is set, the power failure will be remembered; After the learning code is successfully learned, it will be remembered after power failure.
- Clear the learning code: Long press the function key on the control box (10 seconds), and the indicator light flashes several times and then returns to the inoperative state. The learning code is cleared successfully.



## Notice

**In order to keep your lifting and rotating stand in good working condition, please read the following terms before using this equipment:**

- There is high voltage on the control electrical box and the background light socket of the lifting and rotating stand. Please do not open the case cover without authorization;
- During the installation and commissioning of the equipment, do not let the product be strongly impacted, and be sure to cut off the connected power supply;
- Avoid direct contact with chemical agents. Do not use and store in an environment containing chemical gases;
- If you find any abnormality in this product, please cut off the power supply and contact our service center in time;
- Do not use this equipment in strong magnetic field environment, and pay attention to avoid fire source and strong vibration place;
- Do not break the parts during the installation of the product. Please cut off the power supply when not in use;
- Users are not allowed to modify this product by themselves; Please pay attention to the moisture and fire protection of the product.





# Motorized Stand Installation Guide



## Product Basic Parameters

Lifting Range	450mm	Input Votage	AC 100~240v
Lifting Speed	12mm/s	Working Votage	DC 24V
Rotating Angle	0~90°	Working Power	30W
Bearing	180KG	Frequency of use	S2-10min

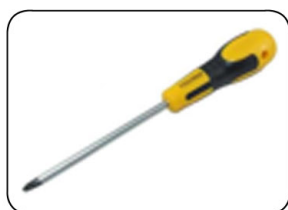


Please read this installing guide carefully before installing, please ensure weight of monitor is not heavier than the max bearing weight of the mobile stand, if the monitor is heavier than the bearing weight, then please do not load the monitor to the stand.

## Installing Tools



5# hex wrench












Cross point screwdrive



monkey wrench

## Installing Accessories

								
φ 8	φ 8* φ 12*1.0	M8*25	M8*20	M4*12	M10*50	M10	M12 rhyton	2"Wheels
8pcs	8pcs	4pcs	4pcs	4pcs	1pcs	1pcs	4pcs	4pcs





## Installing Parts



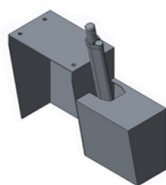
1

Base



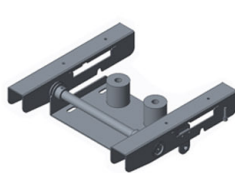
2

Lifting Column



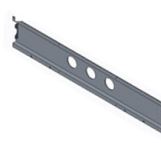
3

Rotating Mechanism



4

Holding Structure



5

Holder

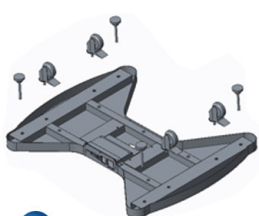


6

Hanging Brackets

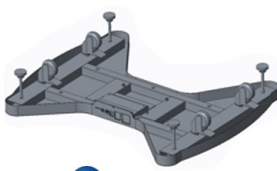


## Installing Steps



1

Install the 4 Rhyton and 4 wheels into the Base, adjust the Rhyton and wheels at a same horizontal level. Which will make the bearing weight even.



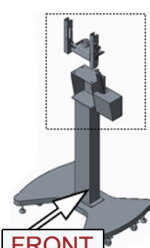
2

Please notice that the Rhyton is final bearing parts, the wheels should be a little lower than the Rhytons.



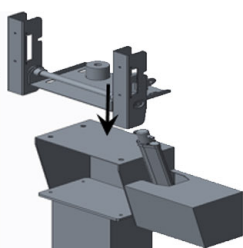
3

Please put 2# Lifting Column onto the Base, and put the cables on lifting Column into the hole of Base, please do not press the cables. ---Use M8\*25 Screw、 $\phi$  8 Spring Washer、Flat Washer to fix the column on Base.



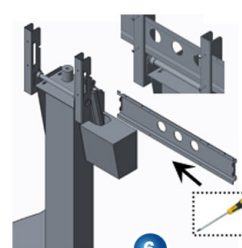
4

Install 4# Holding Structure and 3# Rotating Mechanism onto the Lifting Column ---Use M8\*25 Screw、 $\phi$  8 Spring Washer、Flat Washer.



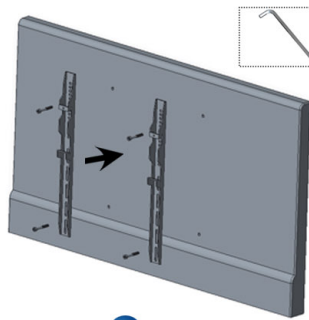
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Connect the Pushing Rod of Rotating Mechanism with the Rotating Axis of Holding Structure using Rotary Screw M10\*50 and M10 Anti-off Bolts



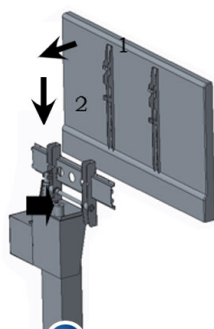
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Insert 5# Holder into the Holding Structure and fasten using M4\*12 Flat head cross point screw.



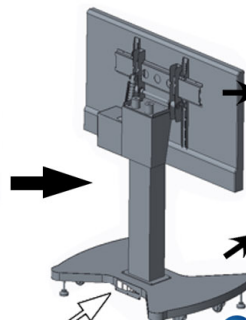
7

Installing the Hanging Brackets onto the Monitor.



8

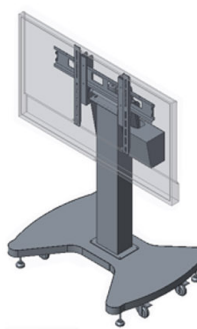
Put the Monitor (with hanging Brackets) onto the Holder of Holding Structure.



9

Fasten the hanging brackets of Monitor onto the holder of Holding Structure ---Use M6\*50 M6\*20 Round head cross point screws.

BACK

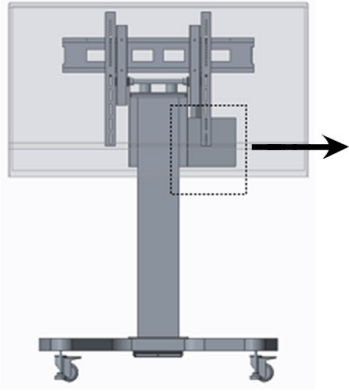


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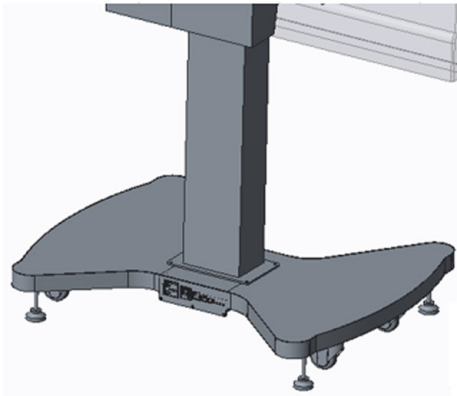
Finally Double Check if all screws, Rhyton, wheels are completely installed or not.



## Wiring



Connect Connect cable of 3# Rotating Mechanism and 2# Lifting Column together as photo above showed.



AC: 100-220V



Lifting Column Power Cable

Rotating Mechanism Cable



- ① Please install the mobile stand as per user guide strictly and ensure all screws are driven strongly.
- ② Please do not dismantle the mobile stand if you are not professional installer.
- ③ Please do not change the inner wiring of the mobile stand.