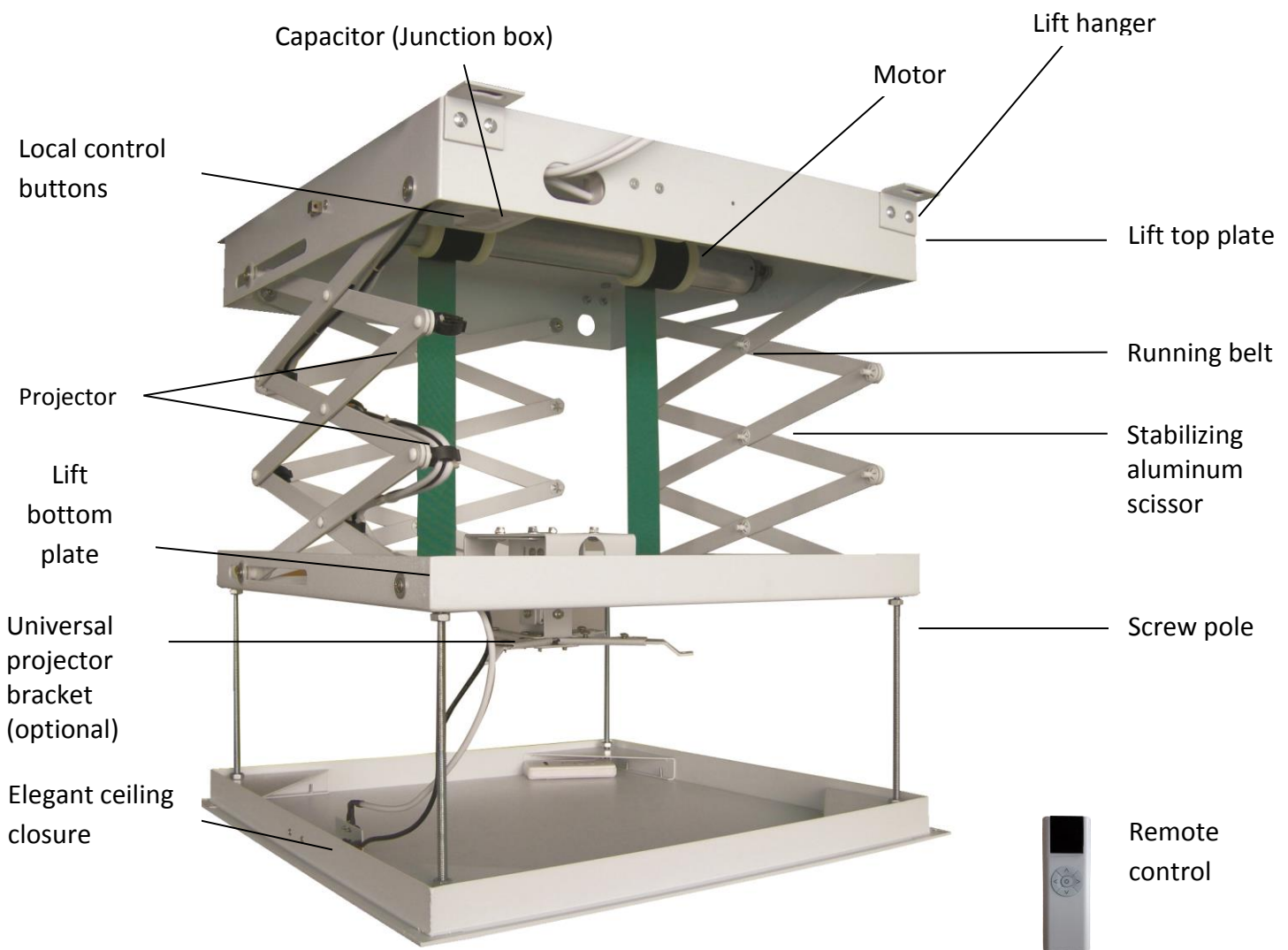


Wize PL180L, PL300

Motorized projector lifts

INSTALLATION/OPERATION INSTRUCTION



Wize – high-quality mount solutions for audio-video installations

WARNING! SEVERE PERSONAL INJURY AND PROPERTY DAMAGE CAN RESULT FROM IMPROPER INSTALLATION OR ASSEMBLY. READ THE FOLLOWING WARNINGS BEFORE BEGINNING.

Do not use this product for any purpose not explicitly specified by Wize AV. Improper installation may cause property damage or personal injury. If you do not understand these directions, or have doubts about the safety of the installation, contact Wize AV Customer Service or call a qualified contractor. Wize AV is not liable for damage or injury caused by incorrect mounting, assembly, or use.

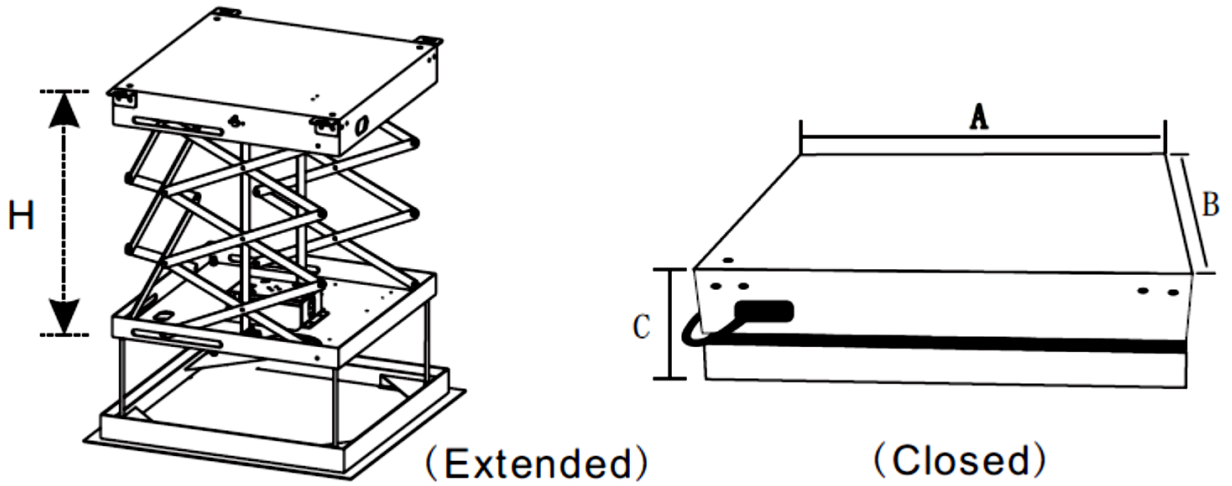
The hardware provided with this product, is exclusively intended for installation on surfaces made of solid wood or concrete, with a maximum of 16 mm of drywall. For surfaces made of other materials, for example hollow bricks, please consult your installer and/or specialist supplier.

DO NOT EXCEED THE MAXIMUM WEIGHT CAPACITY FOR THIS PRODUCT

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1. Related data

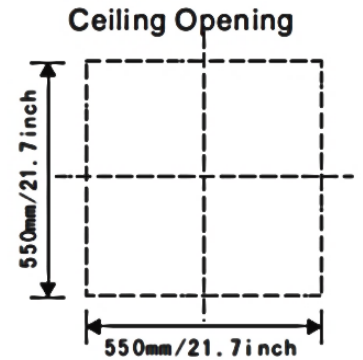


Model#	PL180L	PL300
Loading capacity, kg	50	50
Specification AxBxC, cm	700x508x220	700x508x280
Lift height (closed), cm	22	29
Lift height (fully extended), cm	180	300
Travelling distance, cm	158	372
Net weight, kg	25	29,5
Lift packing dimensions, cm	995x725x460	995x725x520
Running speed	45 mm/sec	
Rated operation time	4 min	
Input	AC220V; 0.83A; 191W	

2. Installation

2.1 Before Installation:

1. Open the carton and take out the lift. Check the lift and accessories to see if they are in well condition.
2. Hold the lift and connect to proper power. Run it up and down by the equipped IR and RF or remote control to see if it works normally.
3. Measure carefully and make sure there will be enough ceiling opening space. Suggested space is: L*W*H: 550mm*550mm*H (H=170cm + ceiling mount height + projector height).
4. A power socket will be needed in the ceiling opening.
5. Choose proper wire for the projector and start wire routing.

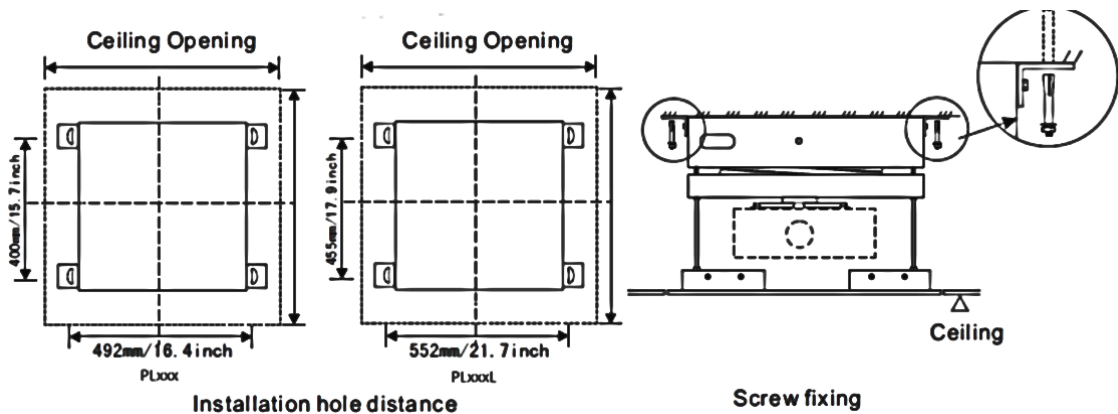


Caution:

1. Must hang (suspend) the lift before power on. Lift must be able to drop down by gravity. Running without suspension will damage the parts inside and might hurt installer.
2. The installation must be done by two or more professional technicians.
3. Make sure the ceiling is strong. Lift must be installed on a reinforced level ceiling which can support at least three times of the combined weight of lift and the projector.

2.2 Lift installation:

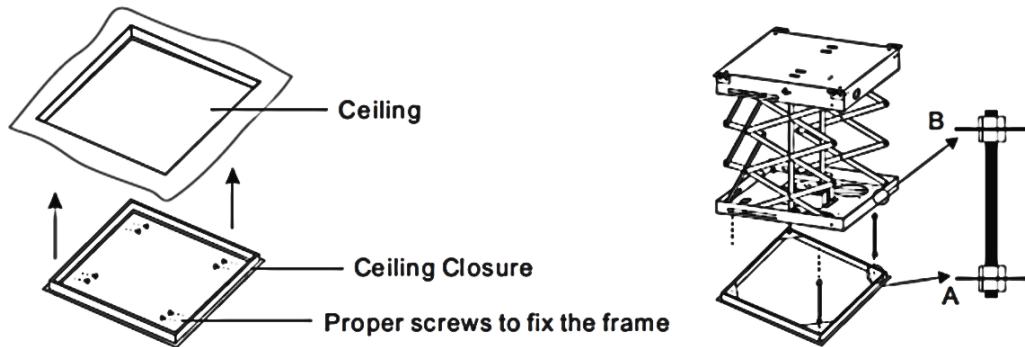
Refer to the drawings below, drill 4 holes at proper position. Install the equipped M8 expansion screws to the holes, hang on the lift and then tighten the screw nuts.



2.3 Ceiling closure panel installation:

1. According to the ceiling material to choose proper screw, fix the closure frame on the ceiling opening.
2. Connect power, extend the lift by wire switch.
3. Insert the four screw poles into the related installation holes in the triangle installation plate (A) on the ceiling frame and the according holes on the lift bottom plate (B).

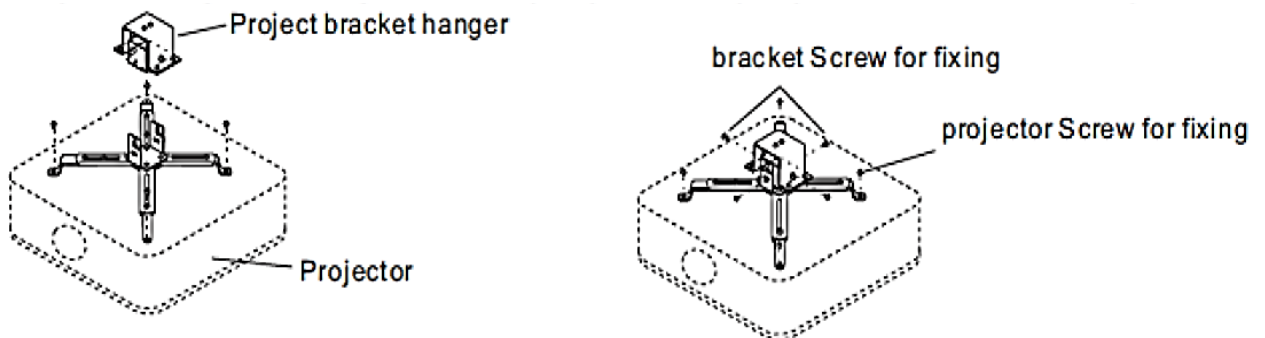
Tips: The height between the ceiling and the ceiling closure is adjustable by adjusting the position of the screw nuts.



2.4 Projector installation:

1. Choose proper projector bracket. Install the projector with the bracket, tighten the screws.
2. Hook the projector bracket on the bracket hook (Refer to the drawings below).
3. Wiring connection: Bind all the wires in "Z" shape along the scissors, fix the wires on the plastic loops and connect them with related projector connectors.

Tips: The projector height and angle is usually adjustable by adjust the nuts on the projector brackets.

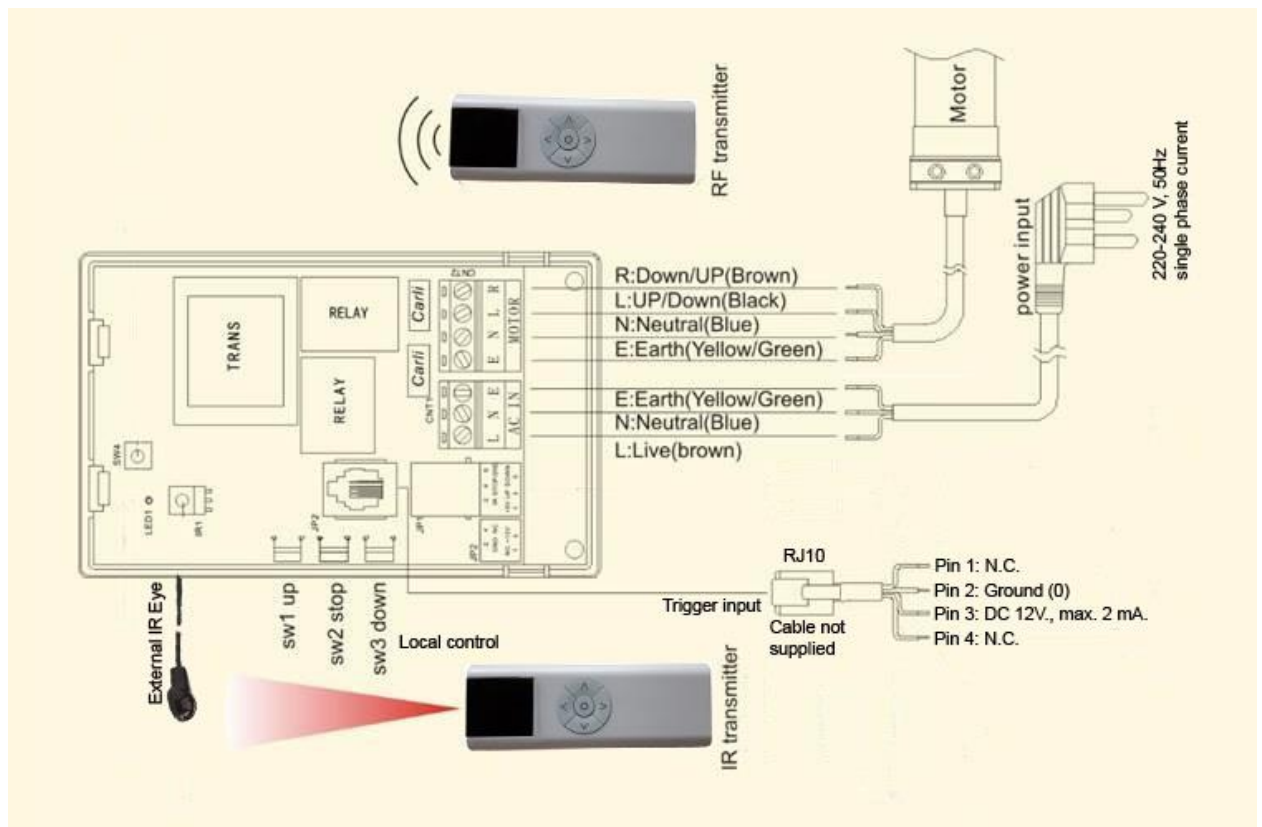


3. Connection

3.1 Electric connection:

1. The lift operates on AC220V-240V, 50Hz, 1 ph. current.
2. Junction box is a white box located under the lift top plate.
3. Change the EU plug to your local standard if necessary. All wiring should comply with local and national electrical codes and should be done by a licensed electrician.
4. All operating switches should be "off" before power connection.
5. Put the plug into the power outlet

Caution: Before operating the first time, make sure that nobody is standing under the projector lift. Adjust bottom limit switch so that nobody gets injured during operation. See next chapter on how to adjust the limit switches.



3.2 Limit switch adjustment:

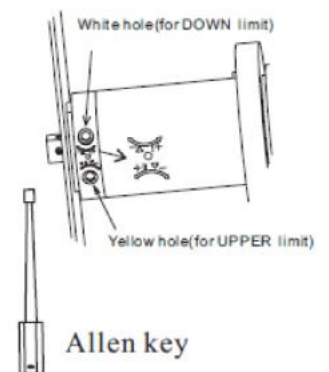
The automatic stop positions (the positions where the lift stops when extending and where it stops when retracting) can be adjusted as required. These are preset and for most situations, the switches should not need adjustment.

To adjust the switches, use the equipped **allen key**. The adjustment sockets are located at the left side under the lift top plate (viewing from the front);

The yellow hole is for adjusting upper limit. Clockwise movement will reduce upper limit and anticlockwise movement is for increasing upper limit.

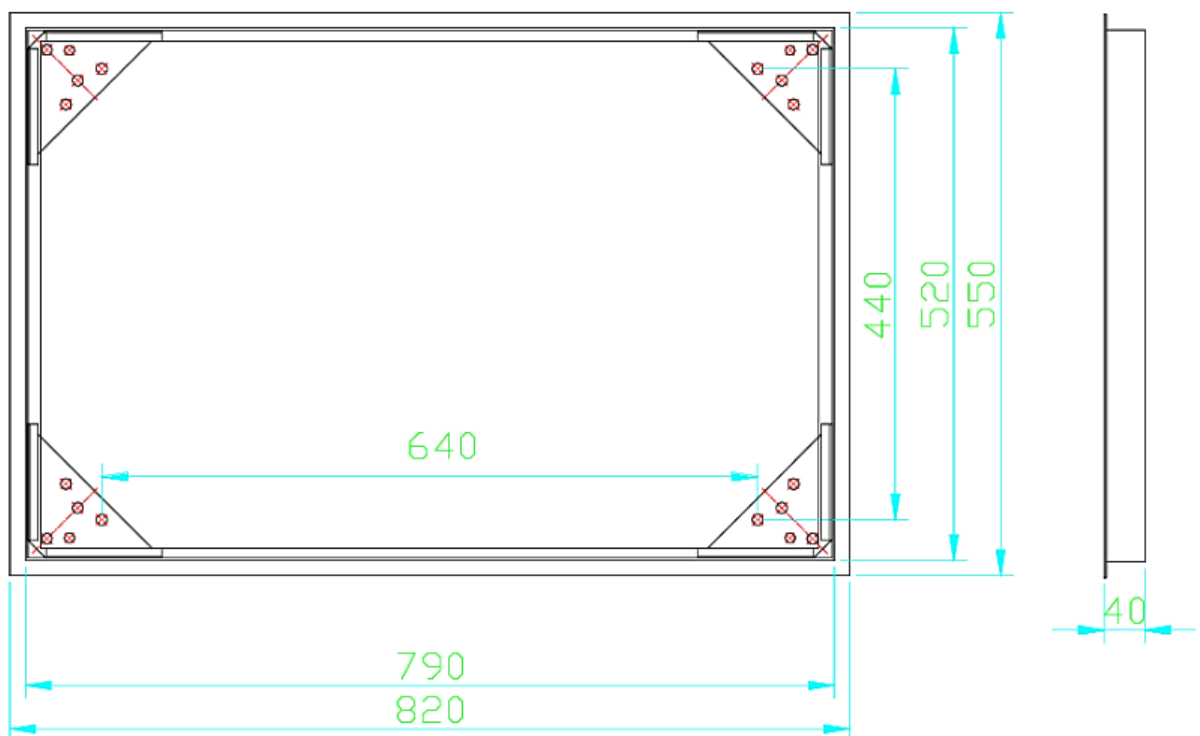
The white hole is for adjusting down limit. Clockwise movement will reduce down limit and anticlockwise movement is for increasing down limit.

Caution: Rated motor continuous operation time is 4 minutes. Excessive operation may cause the motor to overheating and will stop running due to a protective function. When this occurs, please stop for 15 minutes to wait the motor to cool down and then star operation again.



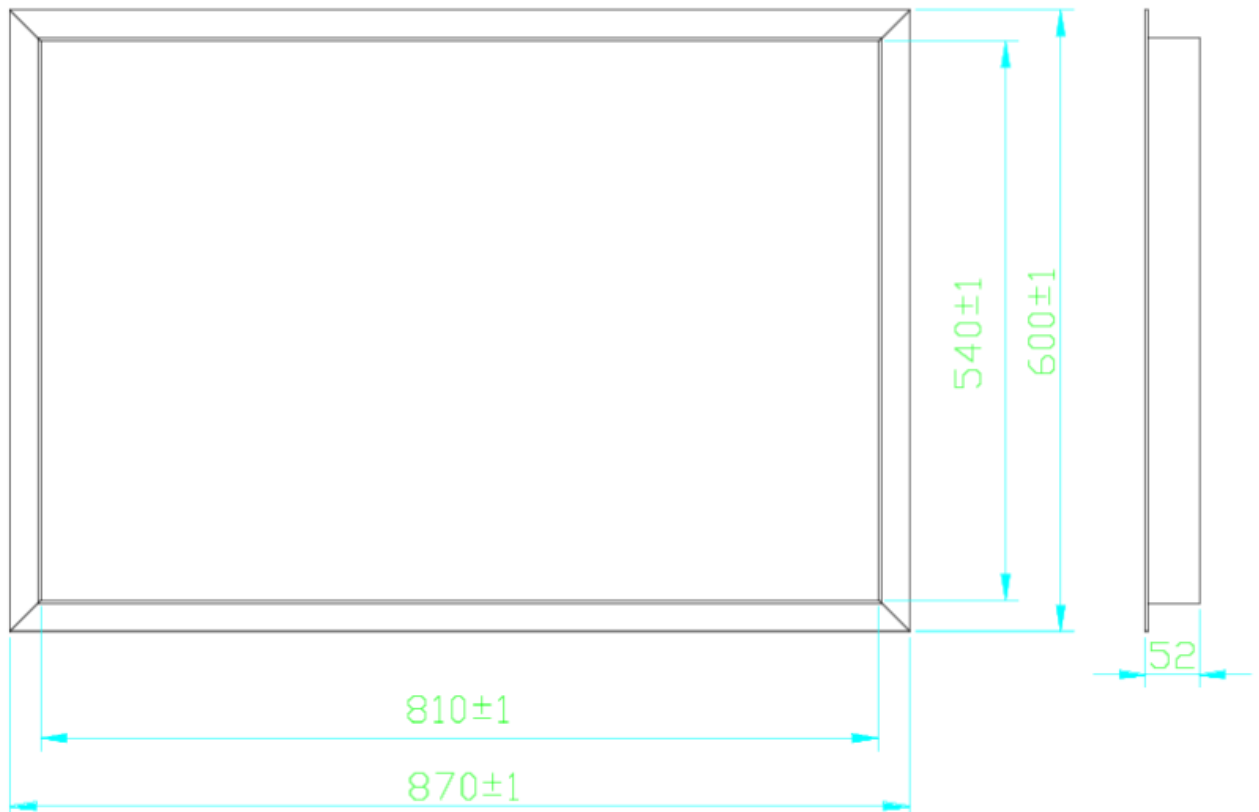
4. Drawings

4.1 PL180L, PL300 ceiling closure panel



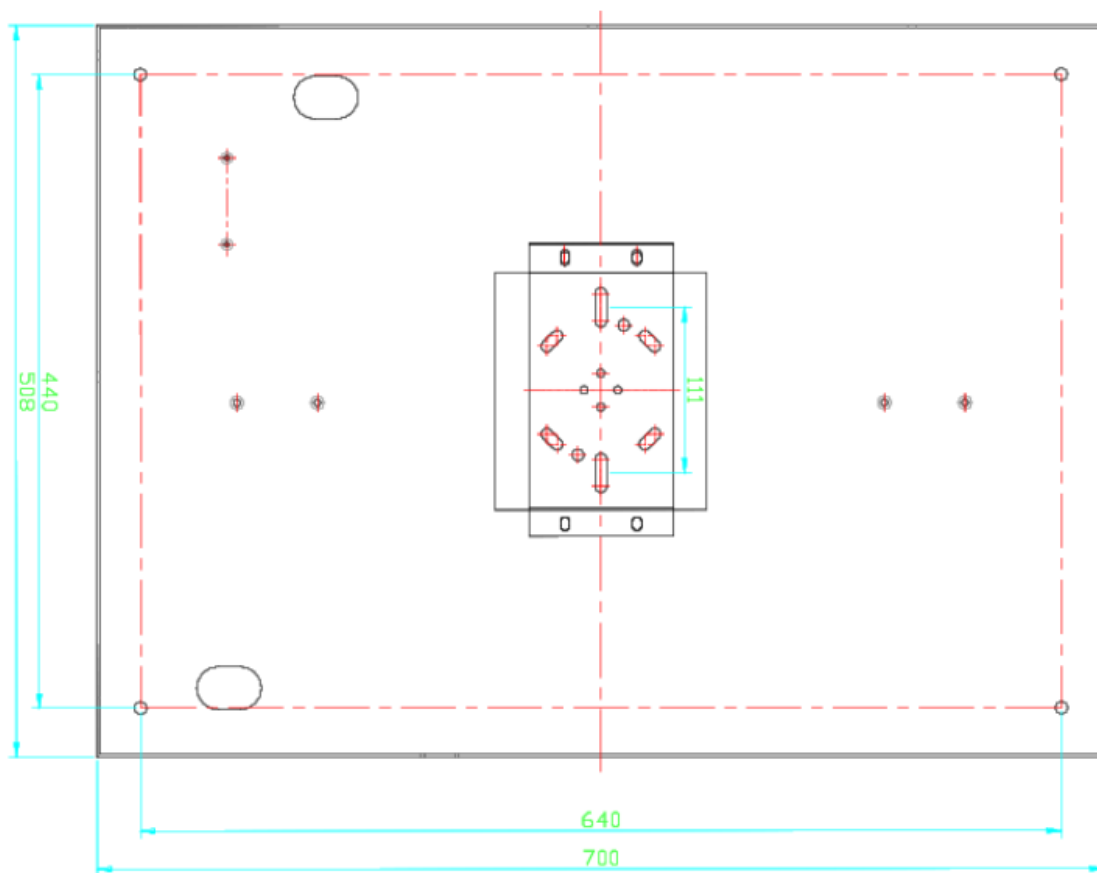
*all measurements are in mm

4.2 PL180L, PL300 closure frame



*all measurements are in mm

4.3 PL180L, PL300 bottom plate



*all measurements are in mm

5. Warranty

Congratulations on the purchase of this Wize product! The product you now have in your possession is made of durable materials and is based on a design, every detail of which has been meticulously thought-out. That is why Wize AV products are covered by a 2-year warranty against defects in materials or manufacturing.

Wize AV disclaims any liability for modifications, improper installations, or installations over the specified weight range. To the maximum extent permitted by law, Wize AV disclaims any other warranties, expressed or implied, including warranties of fitness for a particular purpose and warranties of merchantability.

Wize AV will not be liable for any damages arising out of the use of, or inability to use, Wize AV products. Wize AV bears no responsibility for incidental or consequential damages. This includes, but is not limited to, any labor charges for the repair of Wize AV products performed by anyone other than Wize AV.

6. CE Declaration of conformity

We hereby declare that Wize electrical products fulfil the basic requirements for product safety as supported by tests performed according to the following international standards:

EN 62233:2008

Low voltage directive (LVD); Human exposure to Electromagnetic fields (EMF) up to 300 GHz

EN 60335-1:2012

Electrical appliances - Safety - Part 1: General requirements

EN 60335-2-56:2003+A1:2008

Electrical appliances – Safety

Particular requirements for projectors and similar appliances

Certification is performed by Anbotek product safety under:

Registration no. AT1311797S

Report no. 201311857S

In accordance to EU regulations, appropriate products are marked with **CE Marking**