

# Installation Guide

## PB4060

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# Chapter 1 Cable Embedding

- Prepare  $\varphi 25$  protective sleeve and cable in advance.
- Route cables to be connected through protective sleeves.
- Use a tool to open a cable tray on the ground, see Figure 1-1.

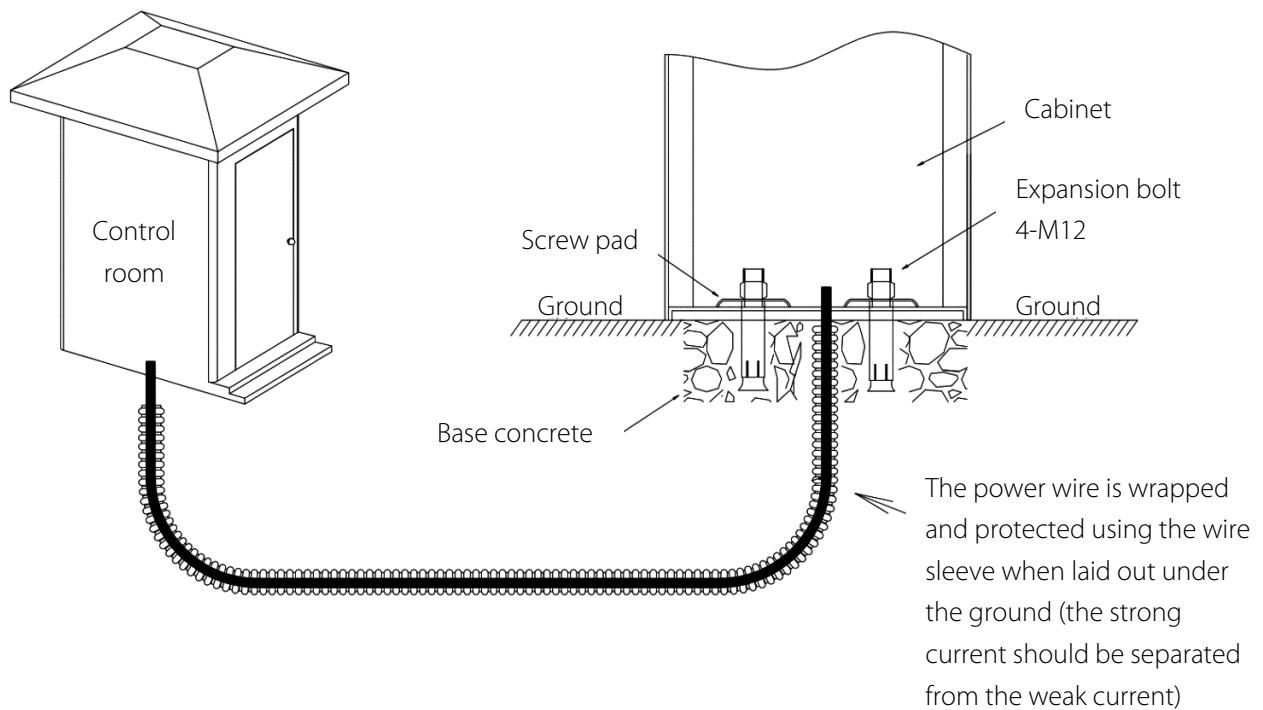


Figure 1-1 Cable embedding

## Chapter 2 Cabinet Installation

- Use screw pad to mark the installation position of the cabinet.
- Drive four expansion bolts into the bolt holes, as shown in Figure 2-1.
- Install screw pads and use a wrench to tighten nuts, as shown in Figure 2-2.

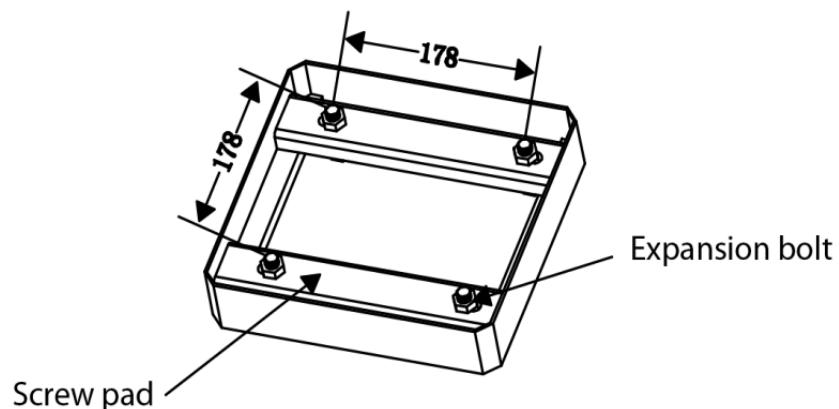


Figure 2-1

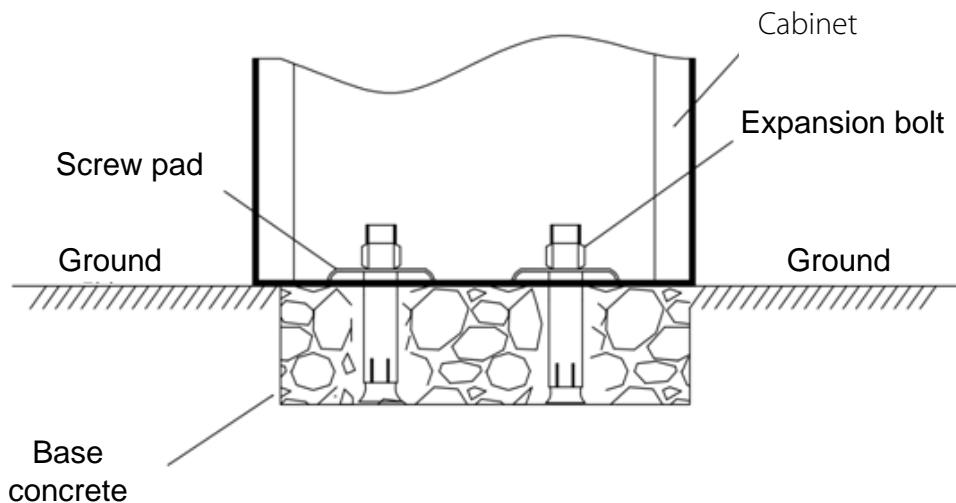


Figure 2-2

# Chapter 3 Boom Installation

- Pull the vice boom out from the main boom, then fastened by 2 screws, as shown in Figure3-1.
- Installing the boom to the chassis, as shown in Figure 3-2.

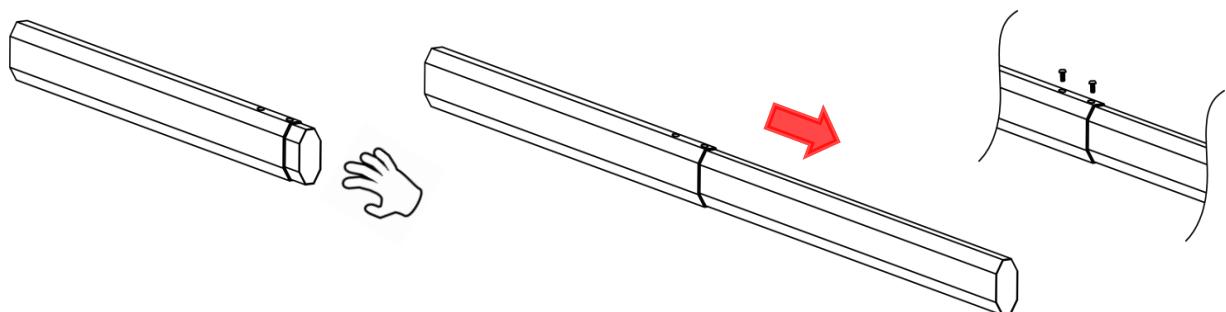


Figure 3-1 Connect the main boom with vice together by 2 screws

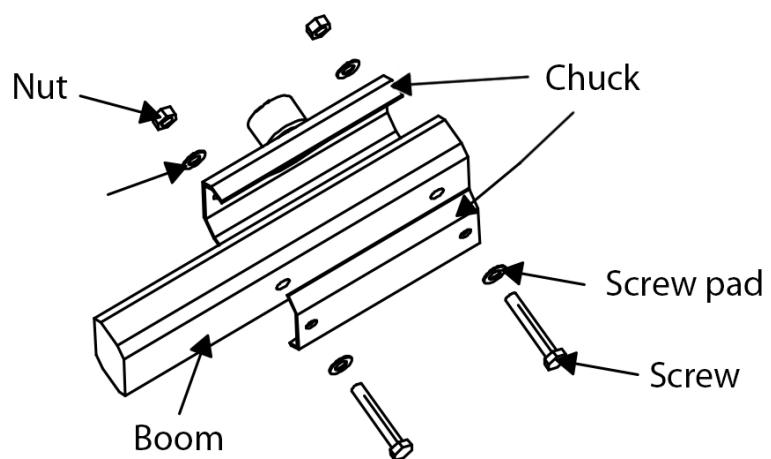


Figure 3-2 Installing the Boom to the cabinet

# Chapter 4 Cabinet Inside

- **Interface of the main control board**

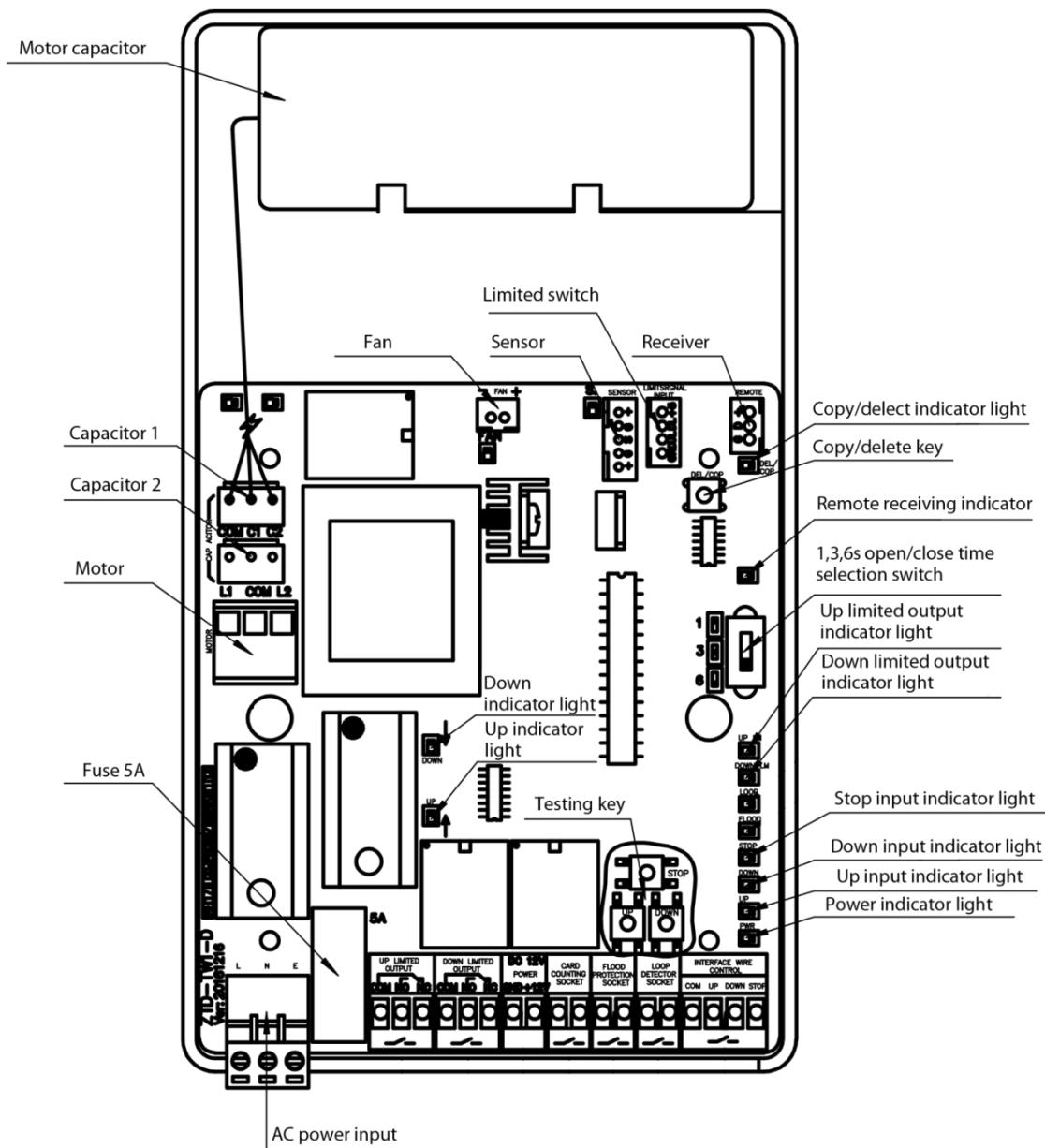


Figure 4-1

**Copy/delete key:** (Copy) press the key, and then press any other key of remote controller until the Copy/delete indicator light blinking.  
(Delete) press the key until the Copy/delete indicator light blinking, then press the Stop of testing key.

**AC power input:** Connection with 110/220V power according to type of your purchasing.

## ● Mechanism core

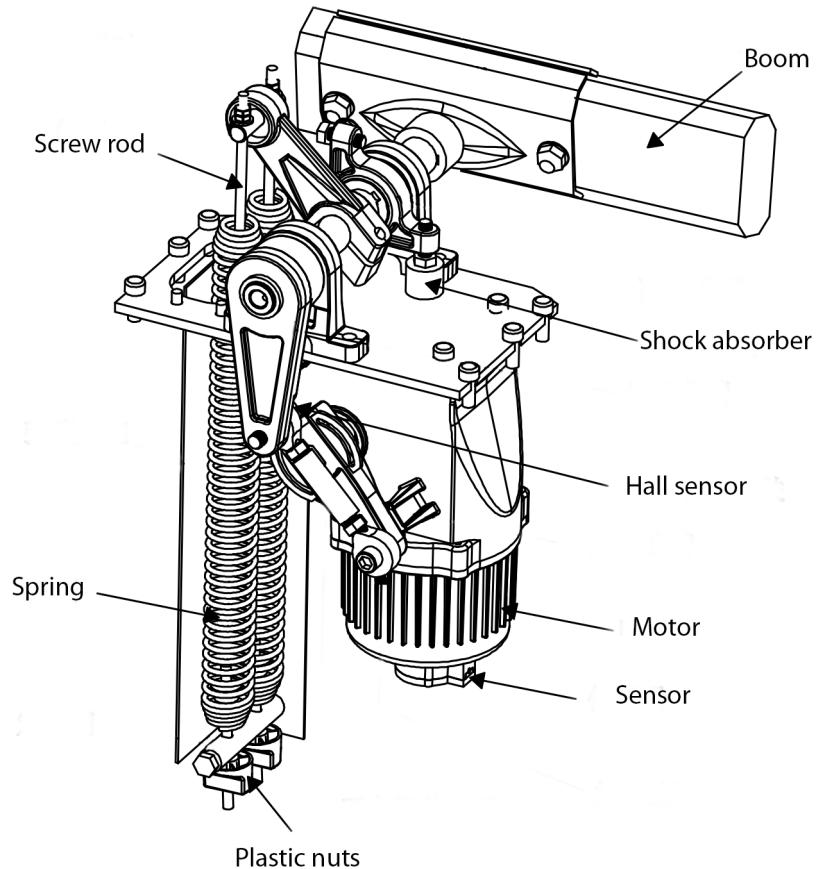


Figure 4-2

**Sensor:** The sensor on the bottom of motor. It is using for that if the boom falling down press any other obstacles, the boom will lifted up automatically.

**Motor:** AC power motor

**Hall sensor:** Connect to Limited switch port of control board, which limited the close/open position.

**Shock absorber:** A gel is used to absorb the pressure of close/open boom

**Spring:** Using it to keep balance with boom. For example, the boom changed short opening plastic nuts to make spring loosen a little. Otherwise the boom may can't close totally.

## Chapter 5 Troubleshooting

NO.	Failure description	Analysis and solution
1	Controller board's indicator light show normally, but motor does not work.	A. Check whether the motor capacitor did connect correctly. B. Check whether the sensor did connect correctly.
2	Boom has shock when the finally moment of boom close/open.	A. Check whether the shock absorber gel was damaged, if yes please replace a new one B. Check whether the spring was fatigue deformation, if yes please adjust or replace it.
3	Boom barrier can't open/close totally.	A. After changed shorter boom, should have adjusted spring to keep balance, B. The plug of sensor did not connect correctly.
4	The distance of remote controller decrease.	The battery of remote controller no power, change a new battery.

**Attention:** please make sure the power input match with device.