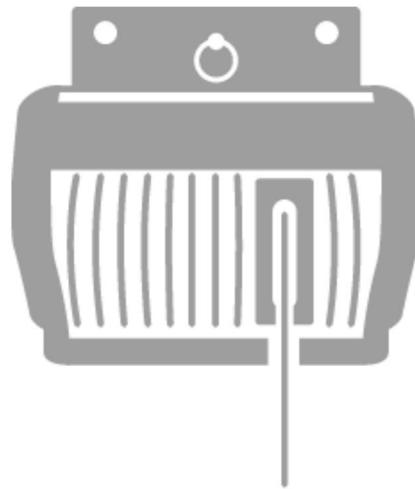


# Hoist operating guide



Please keep this operating guide in a safe place for easy reference!

EZ-Lifter-V1.0

## Table of contents

<b>safety warning.....</b>	<b>1</b>
<b>Accessories Confirmation.....</b>	<b>4</b>
<b>Installation track.....</b>	<b>5</b>
<b>Installing the power adapter.....</b>	<b>6</b>
<b>Installing the hoist (main machine).....</b>	<b>6</b>
<b>Wiring/cabling/installing track covers.....</b>	<b>7</b>
<b>Download APP.....</b>	<b>9</b>
<b>Add device.....</b>	<b>9</b>
<b>Operating equipment.....</b>	<b>11</b>
<b>Rename/delete device.....</b>	<b>13</b>
<b>Create a group.....</b>	<b>13</b>
<b>Join a group.....</b>	<b>14</b>
<b>Ungroup.....</b>	<b>14</b>
<b>Rename/delete group.....</b>	<b>15</b>
<b>Operation grouping.....</b>	<b>15</b>

## **safety warning**

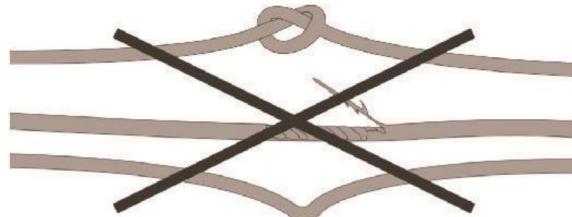


Failure to follow this safety guideline may result in property damage, serious personal injury, or death.

- 1. Please read and follow all safety regulations, installation and operating instructions.**
- 2. Do not put your fingers into the interior of the elevator.**
- 3. Do not disassemble the lifter or power adapter cover at will.**
- 4. Please install the hoist on a sturdy and reliable load-bearing joist or track.**
- 5. Bolts must be used when the hoist equipment is installed on the track.**
- 6. Do not operate the hoist equipment when your hands or other body parts are close to the machine.**
- 7. Do not use hoist equipment to lift people or animals.**
- 8. Do not stand under hoist equipment or items being lifted by the hoist.**
- 9. Do not use the hoist system to lift objects over people or animals.**
- 10. To lift more than 50 pounds, a pulley system must be installed.**
- 11. Warning! Only one set of hoist equipment can be installed on a section of track.**
- 12. Attention! Hoist equipment is designed for use in homes and garages, it is not intended for commercial or industrial use.**
- 13. Warning! If the user modifies or modifies the equipment privately without the express approval of the responsible party, the user's protected operation rights will be automatically lost.**

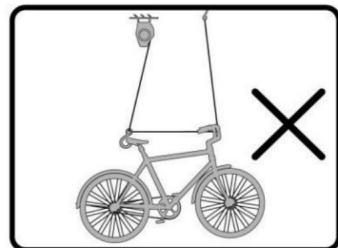
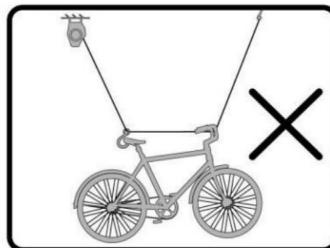
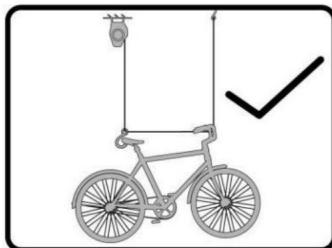


warn! If the hoist rope of the hoist equipment is tangled, damaged or bent, stop using the hoist equipment immediately.



warn! Suspension cables must be configured vertically. Sloping suspension cables limit lifting capacity and create excessive lateral deflections on the hoist unit and mounting brackets.

pulling force, which may result in property damage, serious personal injury, or death.



warn! To reduce the risk of electric shock, use indoors only.



FCC compliance statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



Notice! The hoist is designed to lift 50 pounds vertically on its own or up to 100 pounds vertically with a pulley system. Without pulley system

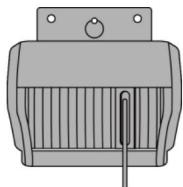
If the lift is loaded with more than 50 pounds of weight without a pulley system, or more than 100 pounds with a pulley system, the unit's weight sensor will prevent the lift from being lifted.

When the lift lifts the load, the system will automatically lock the spool and stop operation.

#### Accessories confirmation

NOTE! You may also need a ladder, hole punch, cordless drill, pencil, 5/32 hex wrench, Phillips screwdriver, sheep's eye self-tapping screws, 6mm drill bit,

Shan buckles, hooks, etc.



Host



adapter



DC line



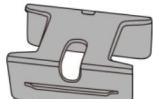
Track Notch Cover X4



Track long cover X2



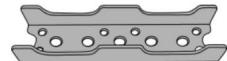
Track short cover X2



track side cover



long track



track connector



Cable management buckle X2



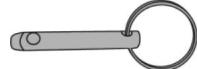
Power stand



Lag screw X2



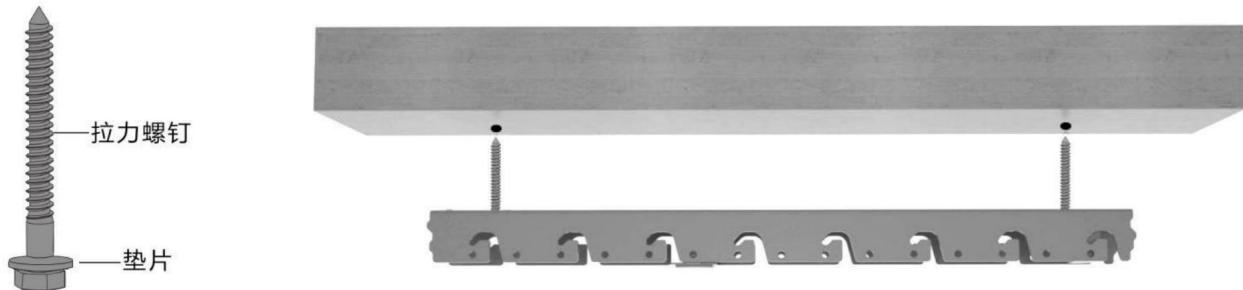
Screw washers X2 Rail connector bolts X8 Pins



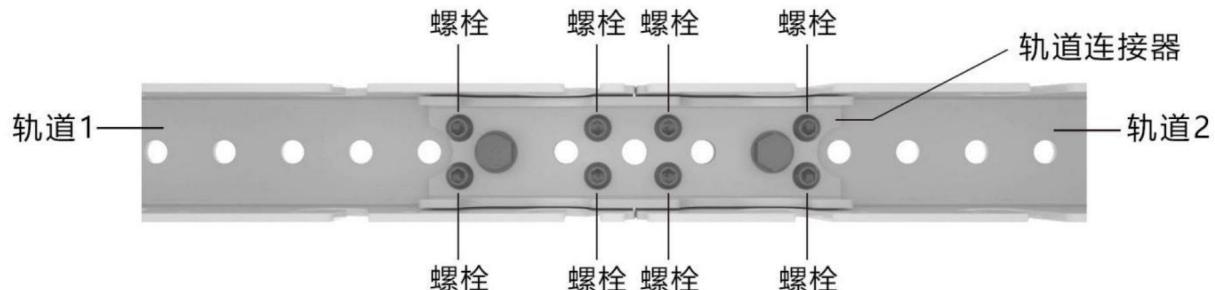
## Installation track

1. First make sure that the load-bearing beam must be firm. Then find the center of the load-bearing beam and determine the installation location, marking it with a pencil. Use a hole punch

Good hole location. Place the spacer over the lag screw and lock it in place. As shown below:

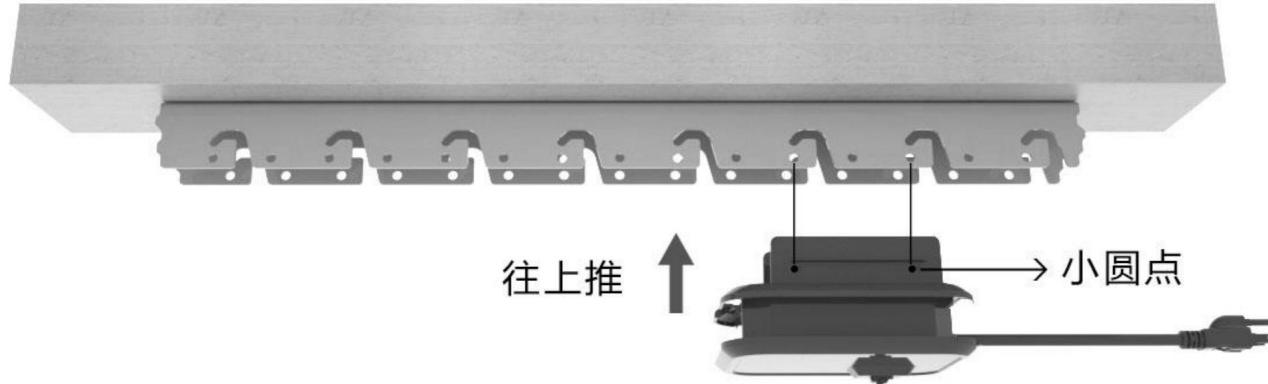


2. If the user wants to extend the track, please line up the two sections of track first and fix them with track connectors at the joints. And lock it with bolts. As shown below:



## Install the power adapter

1. Find the small dot on the adapter, align it with a set of small holes on the track, and push it up until you hear a slight snapping sound.



## Install the hoist (host)

1. Push the hoist upward according to the dotted line in Figure 1 below until the hoist is hung on the track.
2. Then insert the latch (as shown in Figure 2 below) to prevent the lift from moving. Notice! This step must be taken, otherwise it may cause a major accident!

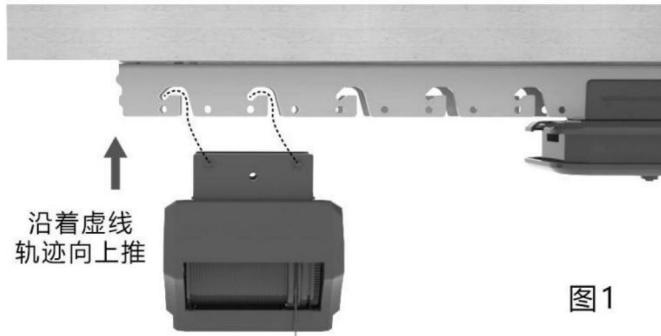


图1

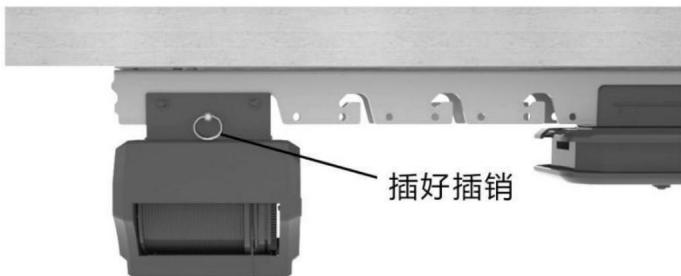


图2

## Wiring/cabling/installing track covers

**Note that the power adapter must be installed where there is an outlet**

1. First use the DC cable to connect the hoist host and the power adapter. As shown in Figure 1 below.
2. Then plug in the power plug of the power adapter. As shown in Figure 2 below.
3. Use the cable management buckle to tie the wires (just align the protrusions of the cable management buckle with the dots on the track and push inward), as shown in Figure 3 below.
4. Then cover the track decorative cover (method: align the buckle of the long track cover/short track cover with the dot on the track and push it upward; press the track gap cover Just at the gap position) as shown in Figure 4.

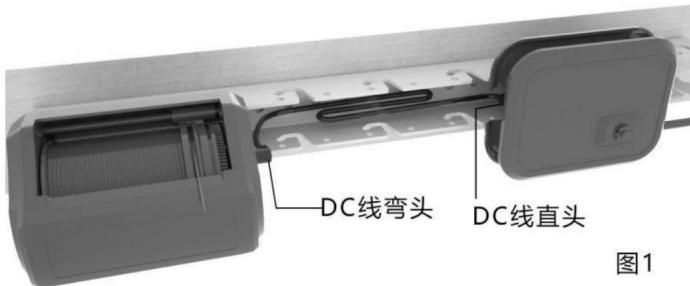


图1

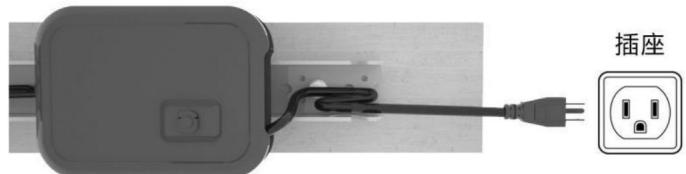


图2



图3

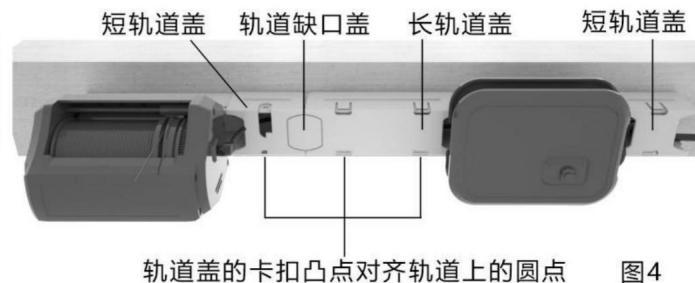


图4

## Download APP

1. Search "EZ-Lifter" on Google Play or App Store, download this application App to your phone, and install and run it.

2. Or use your mobile phone to scan the QR code in the picture below and follow the prompts to download and install.



## Add device

1. Connect the DC cable and turn on the power supply. The power adapter indicator light is green.



2. Click on the "EZ-Lifter" application installed on your phone, and the interface will

When prompted "EZ-Lifter wants to turn on Bluetooth", please select "Allow". (As shown on the right)

3. After turning on Bluetooth on your phone, enter the main interface. Click on main

Click the "Add Device" button in the lower right corner of the interface (Figure 1).

At this time, the system will automatically search for the device.



图 1

4. After finding the device, press "Add" next to the device icon.

as shown in picture 2. At this time, the system will prompt "Please press the

"Add device after pressing the key".

5. Press "CODE" on the hoist host according to the prompts.

button. As shown in Figure 3.

6. At this point, click "Add" next to the device again to succeed.

As shown in Figure 4. Press "Return" to return to the main interface. As shown in Figure 5.



图 2



图 3



图 4



图 5

## operating equipment

1. Click the elevator equipment icon to enter the main operation interface.

### automatic mode

1. Click the "Auto" button above to enter automatic mode.

As shown in Figure 6, in this mode, click the "Up/Stop/Down" button

Afterwards, the booster will run automatically.

NOTE: Need to change the highest point and

**The lowest point can be modified in "Set Limit".**



图 6



图 7

1. Click the "Jog" button above to enter the jog mode.

As shown in Figure 7, in this mode, after clicking the "Up/Down" button

The hoist will operate semi-automatically. If you hold it still, the device will continue to run. Release the button and the device will stop running immediately.

Notice! The highest and lowest points of jogging mode operation are consistent with those of automatic mode. If you need to change it, you can modify it in "Set Limit".

## Set limit

Click the "Set Limit" button above to enter the limit setting interface.

As shown in Figure 8.

### 1. Set high limit

After clicking the "Up/Down" button to adjust to a suitable height, press the

The "high limit" icon is sufficient. Click the "Up" button in automatic mode.

The device will automatically lift to the high limit position you set.

### 2. Set the low limit

After clicking the "Up/Down" button to adjust to a suitable height, press the

The "low limit" icon is sufficient. Click the "Down" button in automatic mode.

The device will automatically drop to the low limit position you set.



图 8

## Precautions

The hoist will automatically stop if more weight than its capacity is loaded (more than 50 pounds without pulleys, more than 100 pounds with a pulley system).

Stop and cannot lift objects. And a dialog box will pop up asking you to reduce the weight to continue.

## Rename/delete device

1. If you want to change the name or delete a hoist

device, please press and hold the long box where the device is located. At this time

The rename/delete options will pop up. As shown in Figure 9.

2. Click the "Change Name" button and a dialog box will pop up.

Follow the prompts to complete changing the name. As shown in Figure 10.

3. Click "Delete" to delete the device.



图 9



图 10

## Create group

If users need to operate multiple devices with one click, they need to create a

Group. Click "Group" in the lower left corner of the main interface to enter the grouping

Group interface, as shown in Figure 11.



图 11

1. After entering the group list interface, click at the bottom of the interface

"Create Group" button. A dialog box will pop up. According to the

to complete the creation. As shown in Figure 12.

## Join group

1. Find the device you want to join the group on the main interface.

Click the "Join Group" button behind the device icon. Tie

A dialog box will pop up, and then select the created group.

(A maximum of 4 devices can be added to a group).

As shown in Figure 13.

## Ungroup

1. If you want to cancel the group, please click next to the device icon.

"Regroup", the system pops up a dialog box, select

Just select "No grouping". As shown in Figure 14.



图12



图13



图14

## **Rename/delete group**

1. When the user wants to rename or delete a group, please press and hold the group. The system will pop up the rename/delete option. Just follow the prompts. (Operation mode class (similar to renaming and deleting a single device))

## **Operation grouping**

Click a group in the group list to enter the group operation interface and select "Auto Mode" "Jog Mode" "Set Limit".

Click the "Up/Stop/Down" button in "Auto" mode, and all devices in the group will run automatically at the same time.

Click the "Up/Stop/Down" button in "Jog" mode, and all devices in the group will operate semi-automatically at the same time.

When setting a group in "Set Limit" mode, the system will set the "High Limit" and "Low Limit" of all devices in the group to the same value. if not

Set the limit. The highest and lowest running points of each device in the group default to the position before joining the group.

**Notice! If the user uses multiple devices in the group to lift an object at the same time, such as lifting a platform. It is necessary to ensure that the installation height of each device is consistent.**

**At the same time, the high limit and low limit of each device are set to the same. Otherwise, the item may tilt and cause a serious accident!**

\*Product appearance, performance, etc. may change due to product improvements without prior notice. If this manual is inconsistent with the actual product, please refer to the actual product.