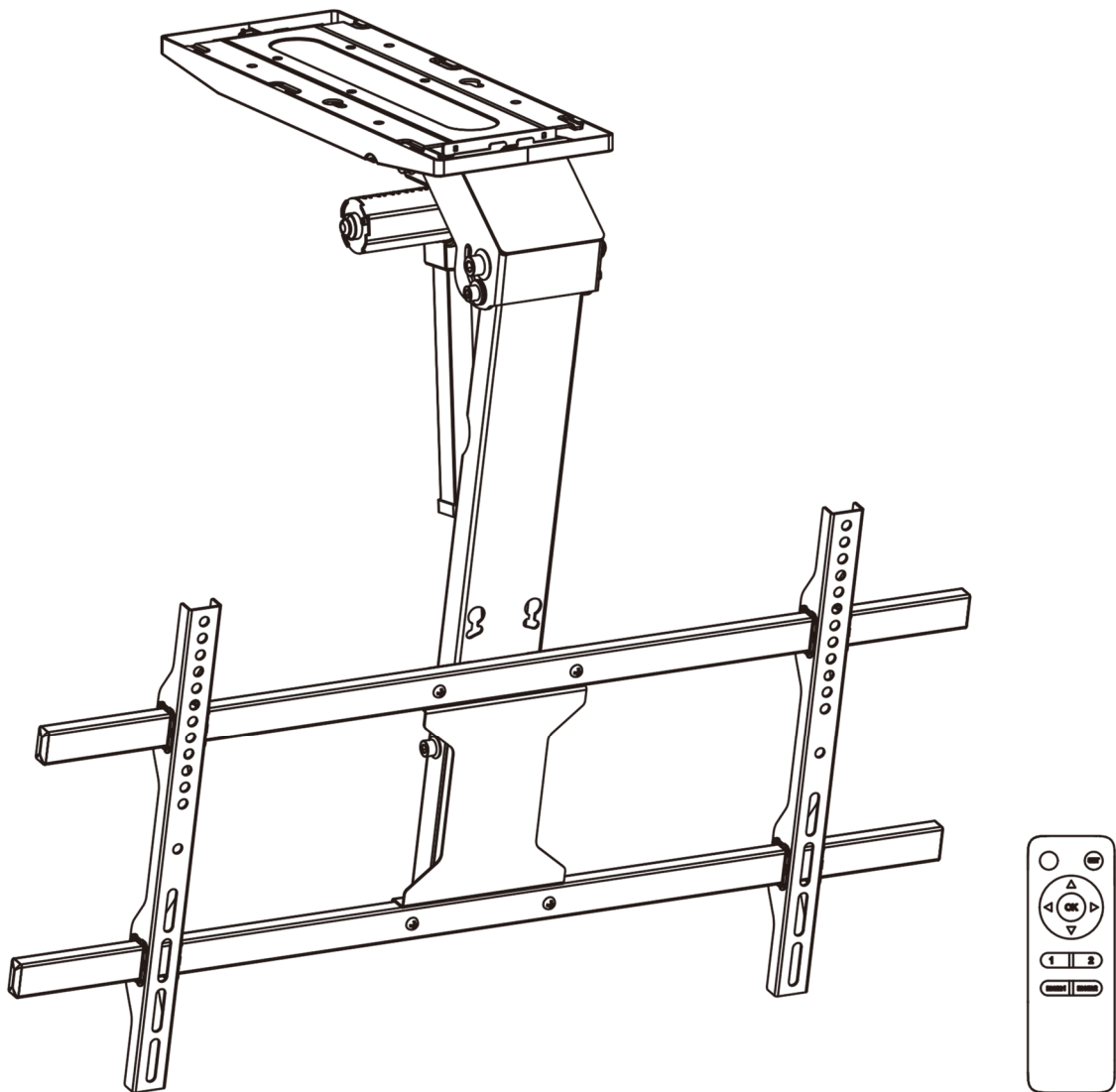
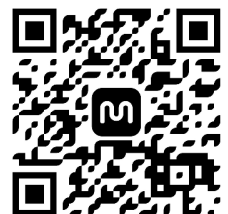




Monoprice™
Motorized TV Ceiling Mount with Remote Control
For 43" to 86" Displays, Up to 99 lb, Max VESA® 800x400

P/N **49682**
User Manual

SCAN TO
LEARN MORE



THANK YOU FOR PURCHASING THIS PRODUCT

For optimum performance and safety, please read these instructions carefully before assembling, operating, or adjusting this product.

SURGE PROTECTION DEVICE RECOMMENDED

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

SAFETY WARNINGS AND GUIDELINES

Please read this entire instruction manual before you start assembly and installation, paying extra attention to these safety warnings and guidelines. If you have any questions regarding any of the instructions or warnings, contact your local distributor for assistance. Please keep this manual in a safe place for future reference.

- This product is powered by electricity. In order to avoid burns, fire, and electric shock, please read the instructions carefully. Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty.
- Make sure that the mounting surface will safely support the combined weight of the equipment and all attached hardware and components.
- DO NOT EXCEED THE MAXIMUM LISTED WEIGHT CAPACITY. Use with products heavier than the rated weights indicated may result in instability causing possible injury.
- Always use an assistant or a mechanical lifting device to safely lift and position heavy products.
- Safety gear and proper tools must be used. This product should only be installed by professionals.
- Tighten screws firmly, but DO NOT OVERTIGHTEN. Overtightening can cause product damage that greatly reduces the holding power.
- This product is intended for indoor use only. Using this product outdoors could lead to product failure and personal injury.
- Keep a clear area and distance from moving parts when using the product.
- Use only as intended. Never stand, hang, or climb on the product.
- Do not attempt to modify, disassemble, or alter the construction of the power unit or control box.
- This product may contain small items that could be a choking hazard if swallowed. Keep children away unless the product is intended for their use, and all instructions and manuals are fully reviewed and understood by them.

- Ensure that you have received all parts according to the component checklist prior to installation. If any parts are missing or faulty, contact your place of purchase for a replacement.
- Check that the product is secure and safe to use at regular intervals (at least every three months).

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INTRODUCTION

Enhance your space with the Motorized TV Ceiling Mount with Remote Control, a smart, space-saving solution for modern home or commercial setups. Designed for both flat and pitched ceilings, it provides flexible installation and optimal viewing angles.

Compatible with 43" to 86" flat or curved displays, it supports up to 99 lb (45 kg) and accommodates a wide range of VESA patterns from 200x100 to 800x400 for broad compatibility. Its sturdy construction ensures secure and reliable support.

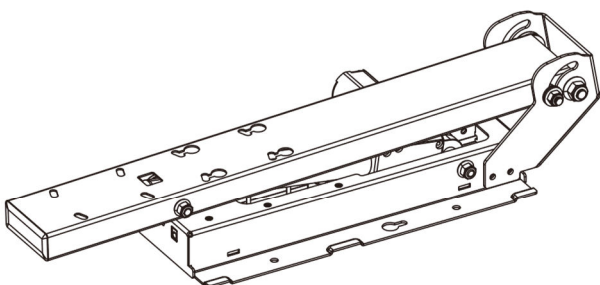
Easily adjust the mount using the included remote controller, or control it from your smartphone with full Tuya® Smart app compatibility. Combining strength, convenience, and smart functionality, this ceiling mount delivers a clean and efficient TV mounting solution.

FEATURES

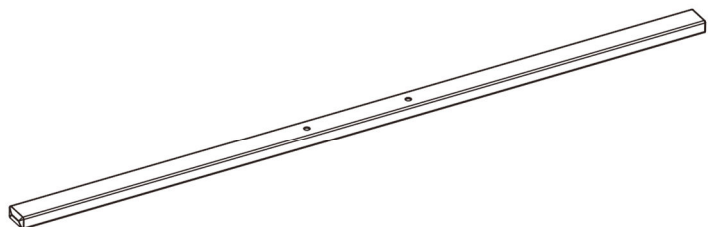
- Designed as a large, smart electric ceiling mount for TVs
- Suitable for both flat and pitched ceilings
- Compatible with 43" to 86" flat or curved displays
- Supports a maximum weight capacity of 99 lb (45 kg)
- Compatible with VESA mounting patterns: 200x100, 200x200, 300x200, 300x300, 400x200, 400x300, 400x400, 600x200, 600x300, 600x400, 800x400
- Includes a remote controller for convenient operation
- Fully compatible with the Tuya Smart app for smart control

PACKAGE CONTENTS

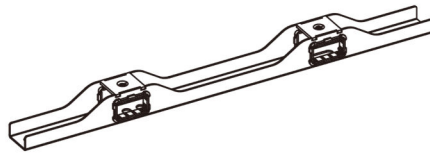
Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.



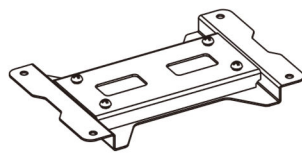
A (x1)



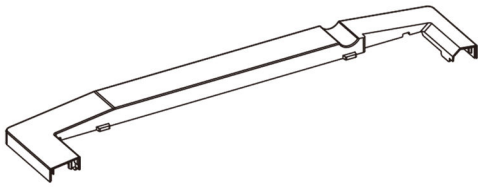
B (x2)



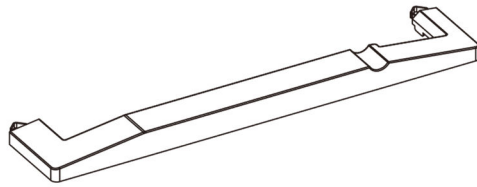
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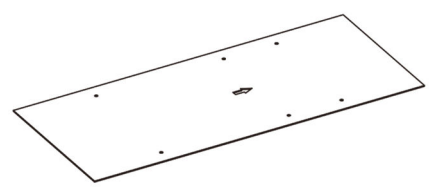
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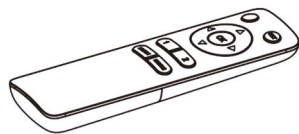
E (x1)



F (x1)



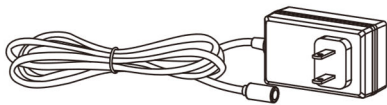
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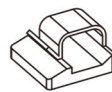
H (x1)



I (x4)



J (x1)



K (x3)



L (x4)
M4x8



M (x4)
M6x10



N (x4)
M6x25



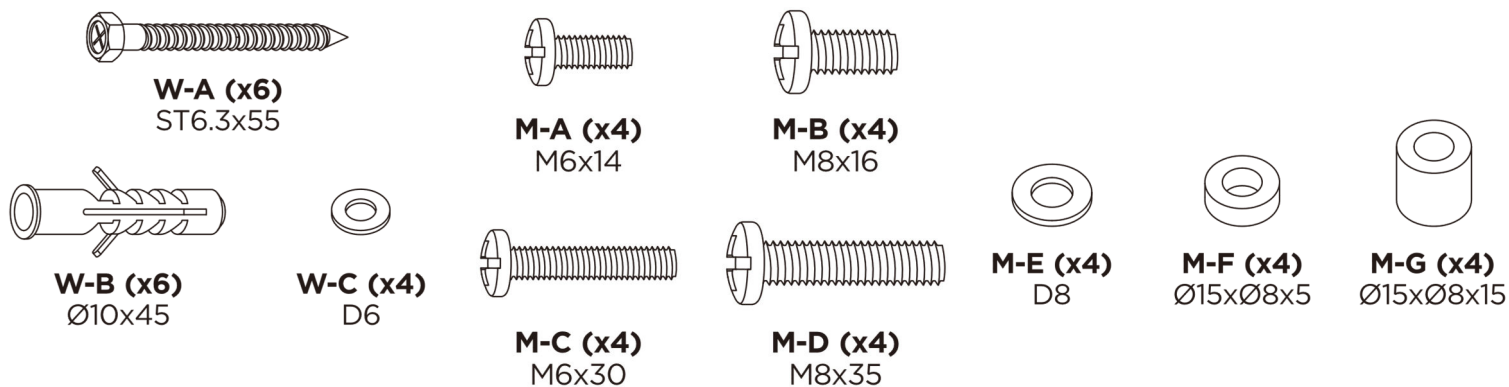
O (x4)
D6



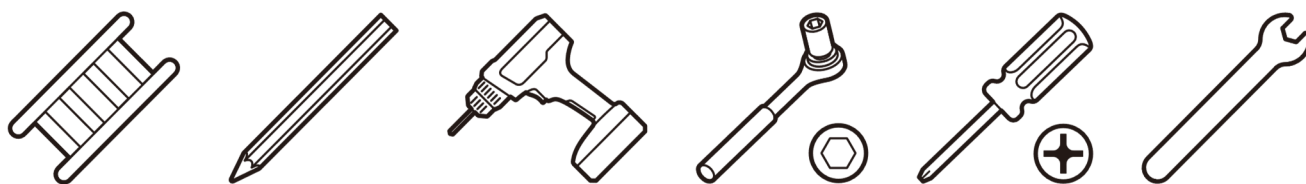
P (x4)
M6



Q (x1)
3mm



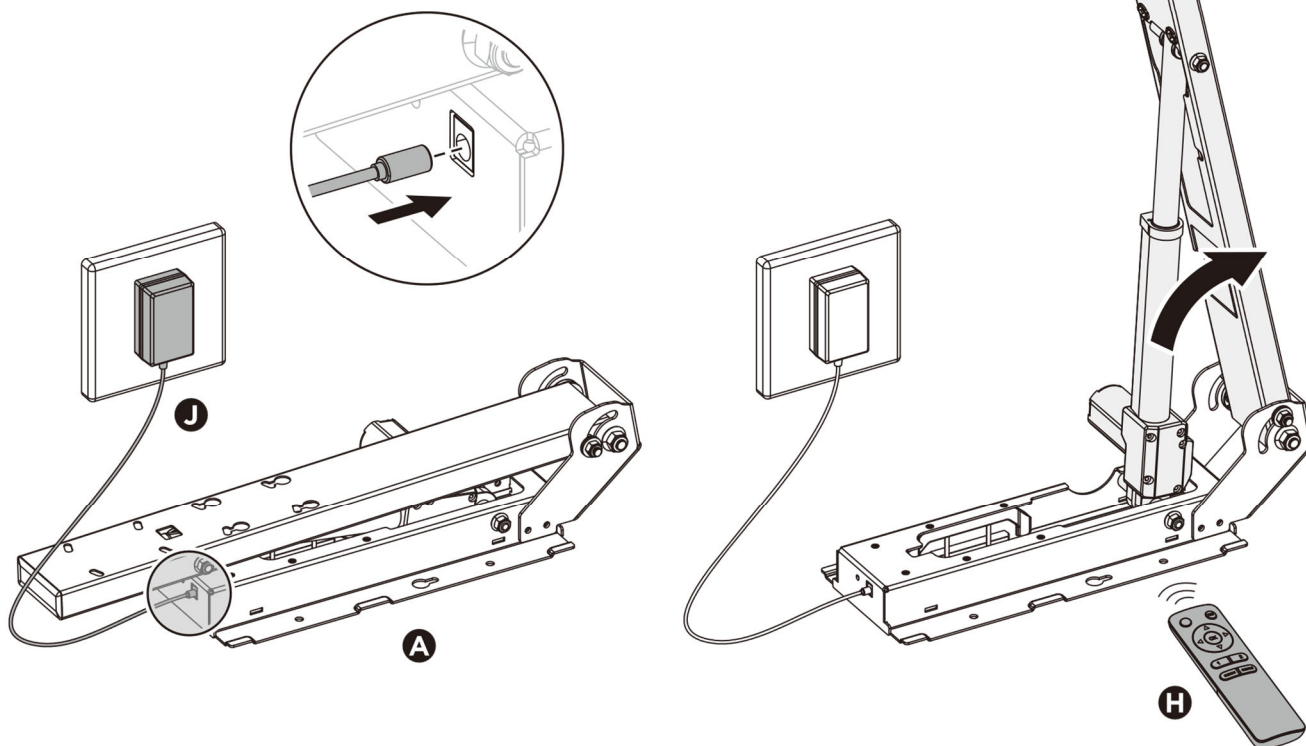
REQUIRED TOOLS



ASSEMBLY AND INSTALLATION

1

Note: Plug the Mount (A) into the power source using the Power Plug (J). Follow the Remote Control Operation Instructions to unfold the Mount using the Remote Control (H), and then unplug the Mount.

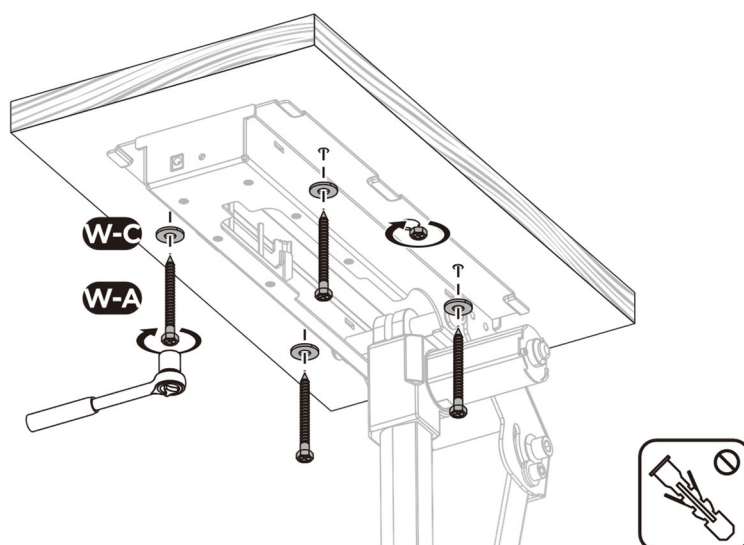
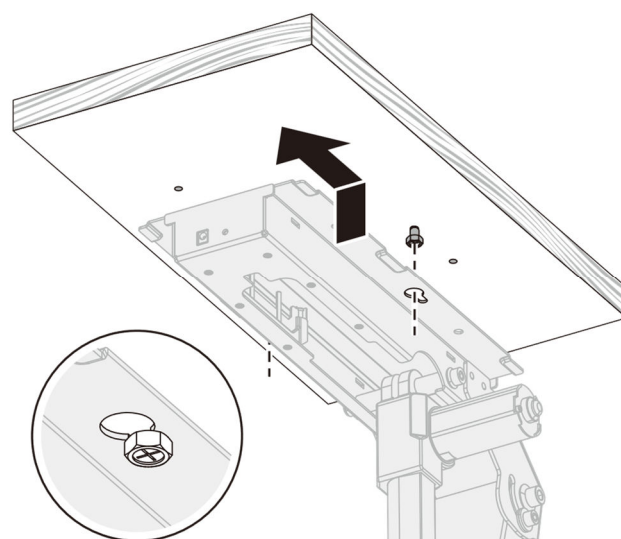
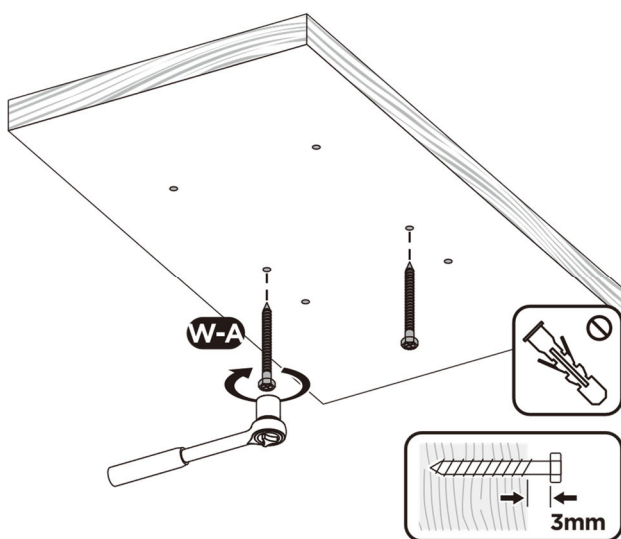
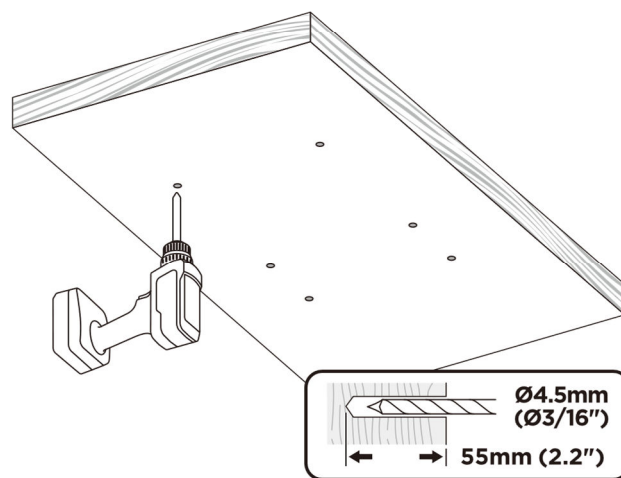
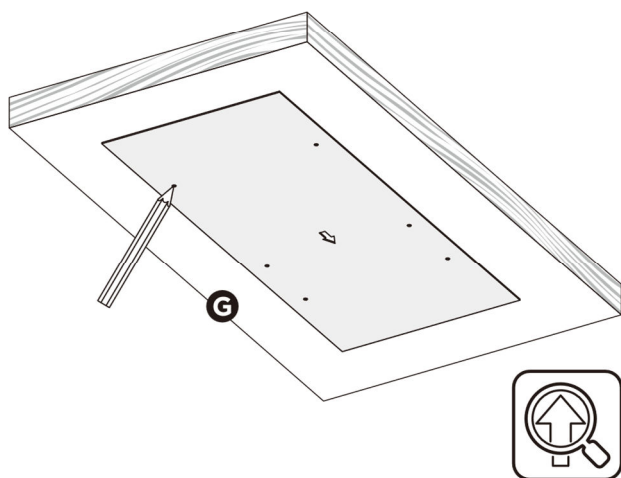


2a

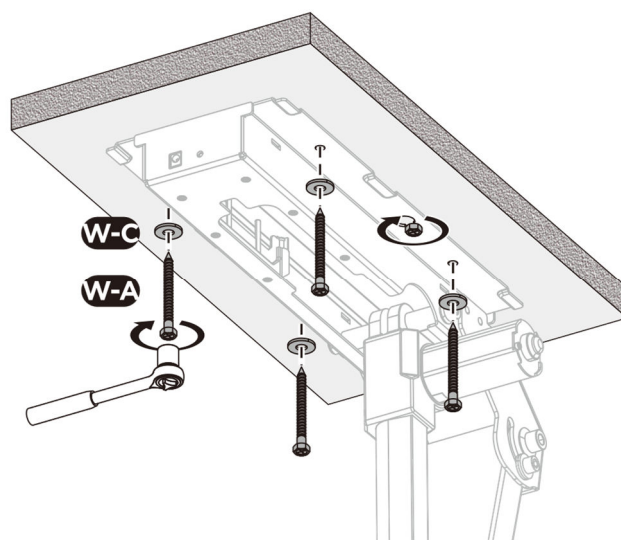
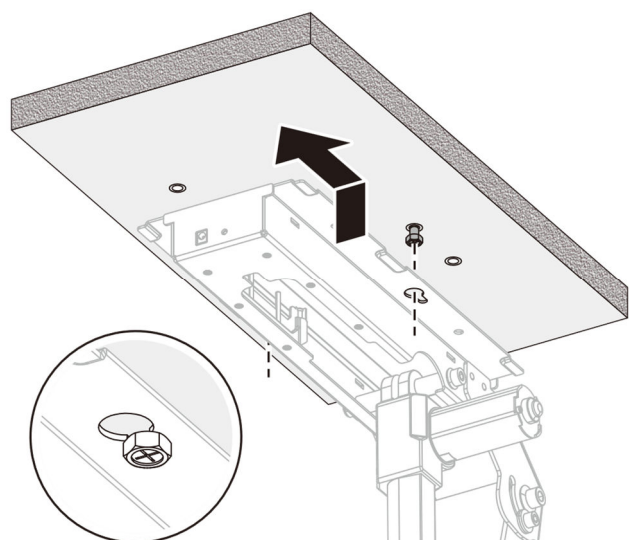
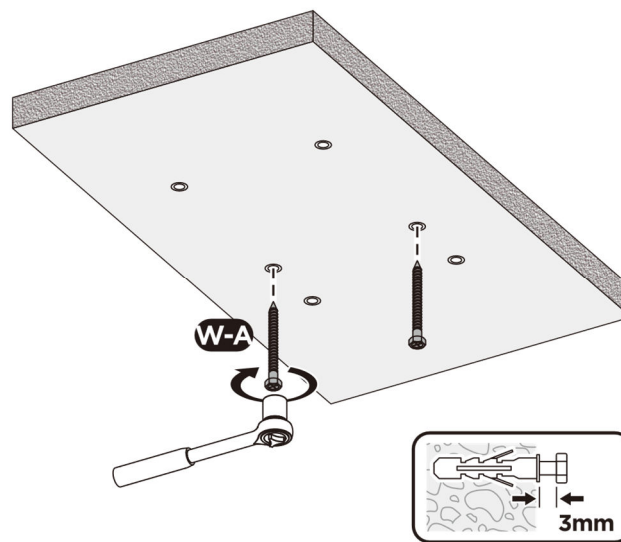
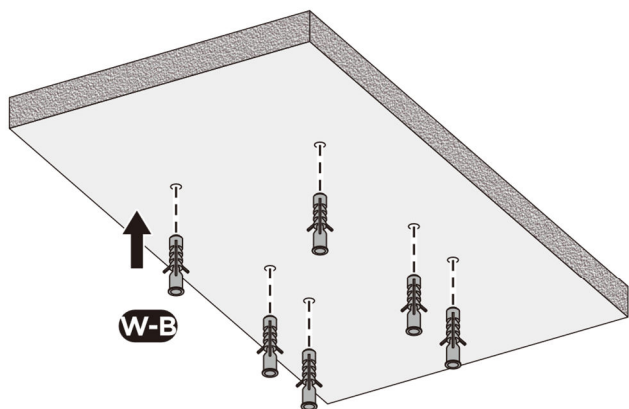
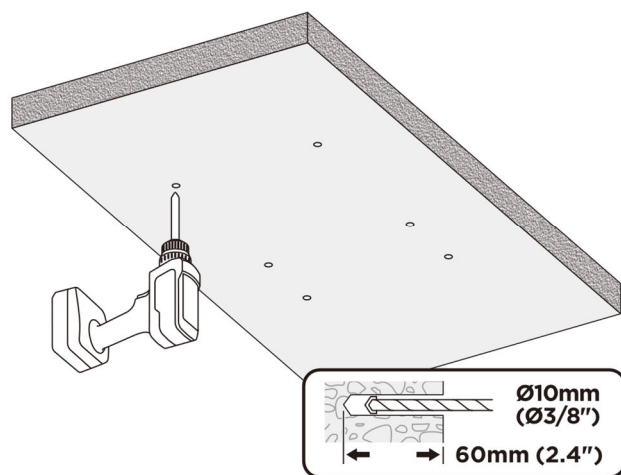
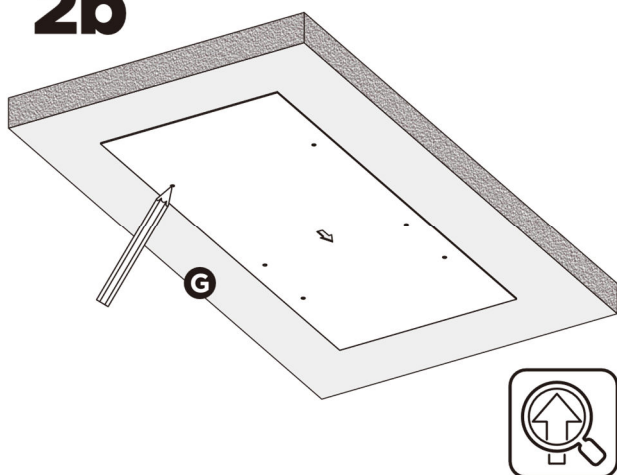


WARNING:

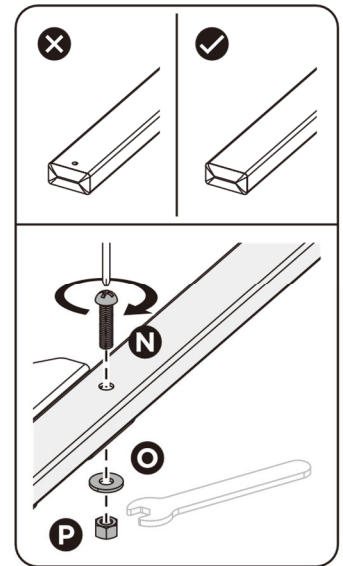
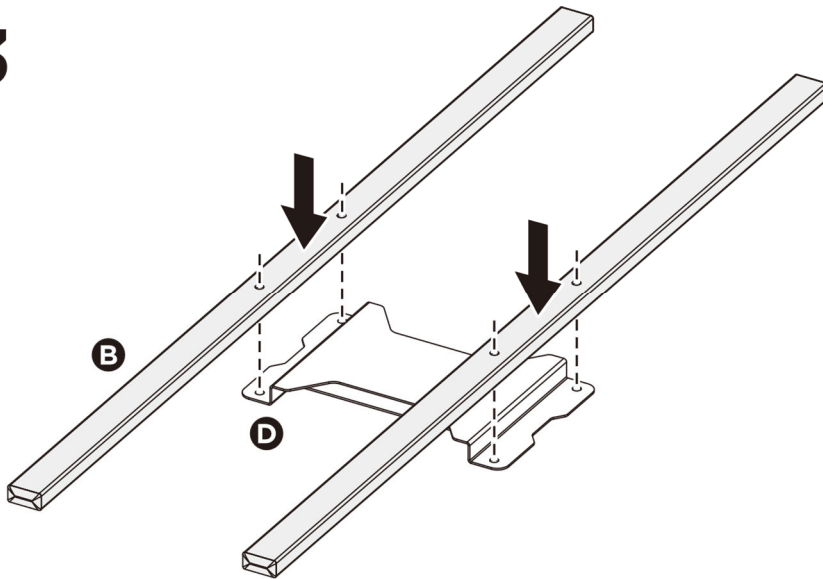
- Installers are responsible to provide hardware for other types of mounting situations.
- Installers must verify that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.



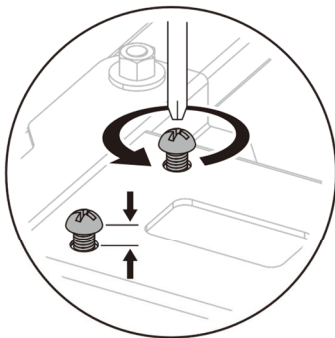
2b



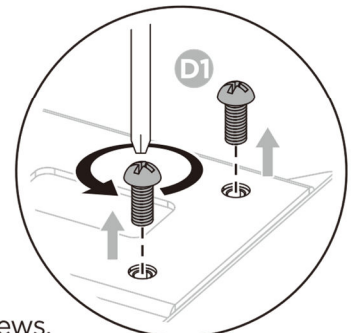
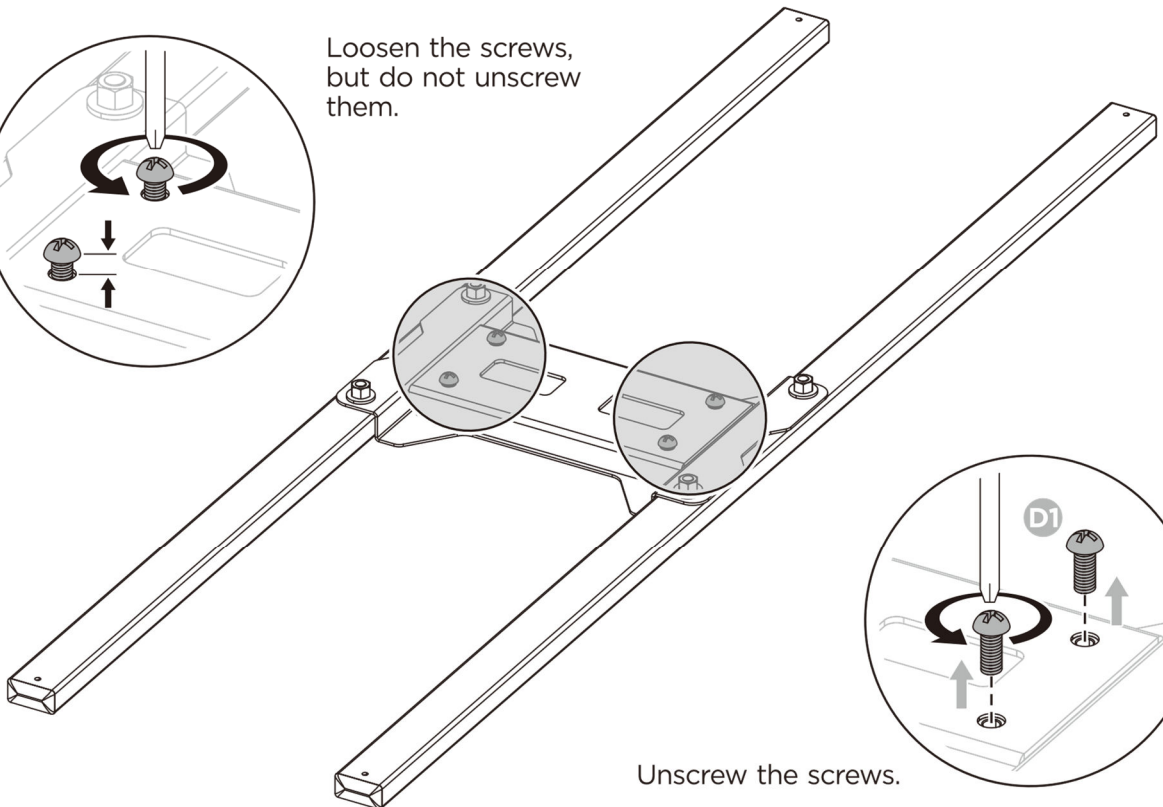
3



4

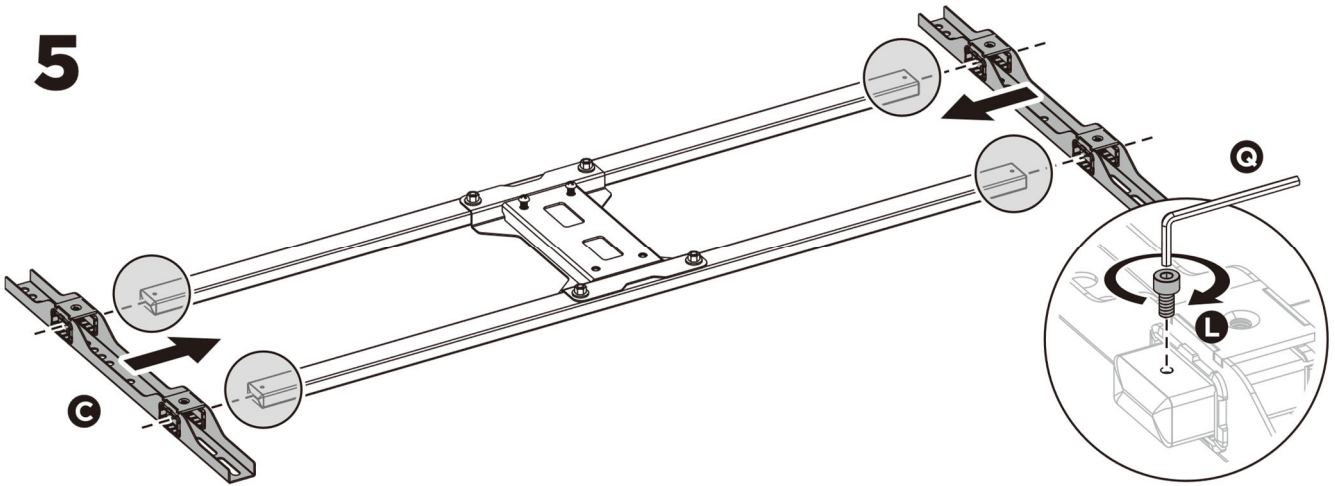


Loosen the screws,
but do not unscrew
them.

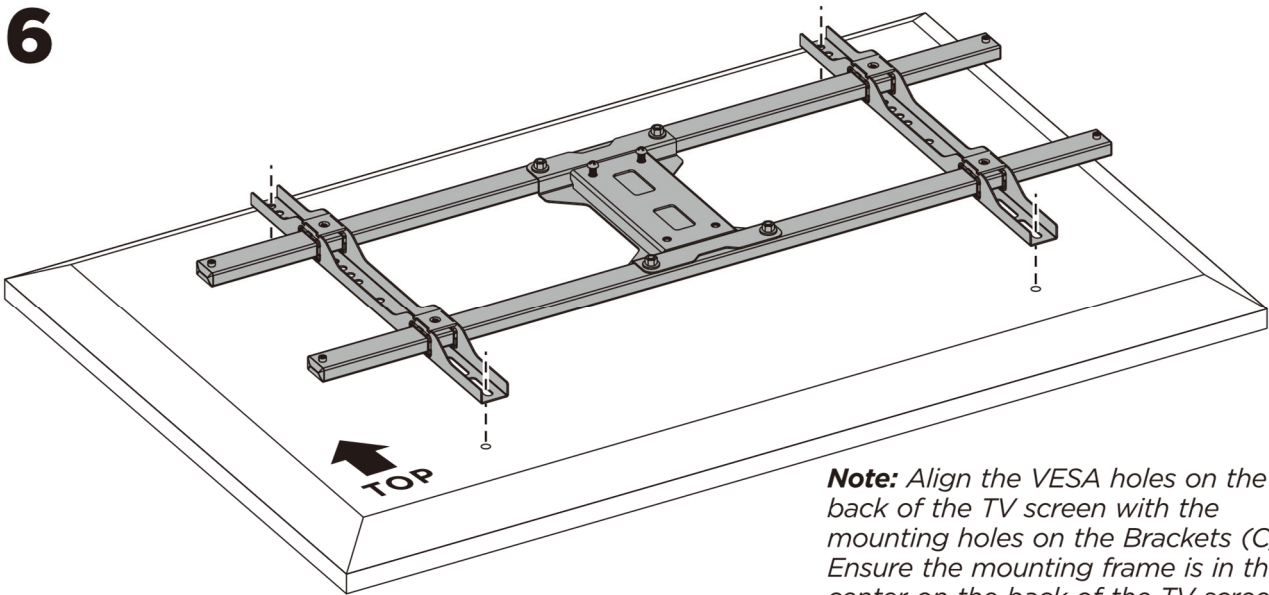


Unscrew the screws.

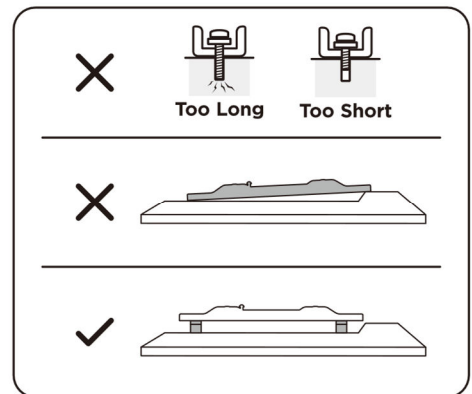
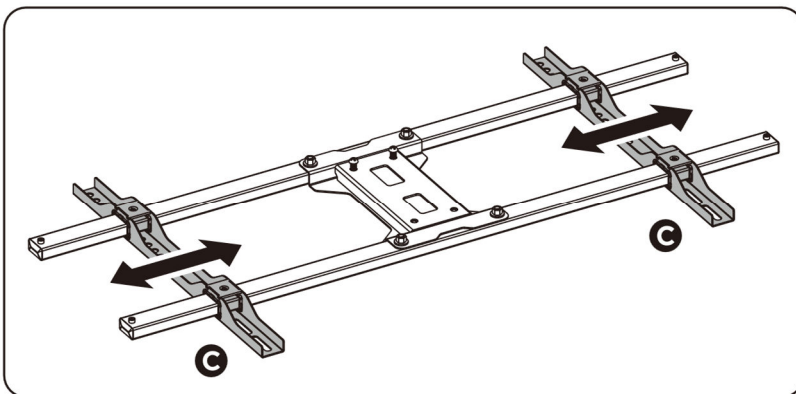
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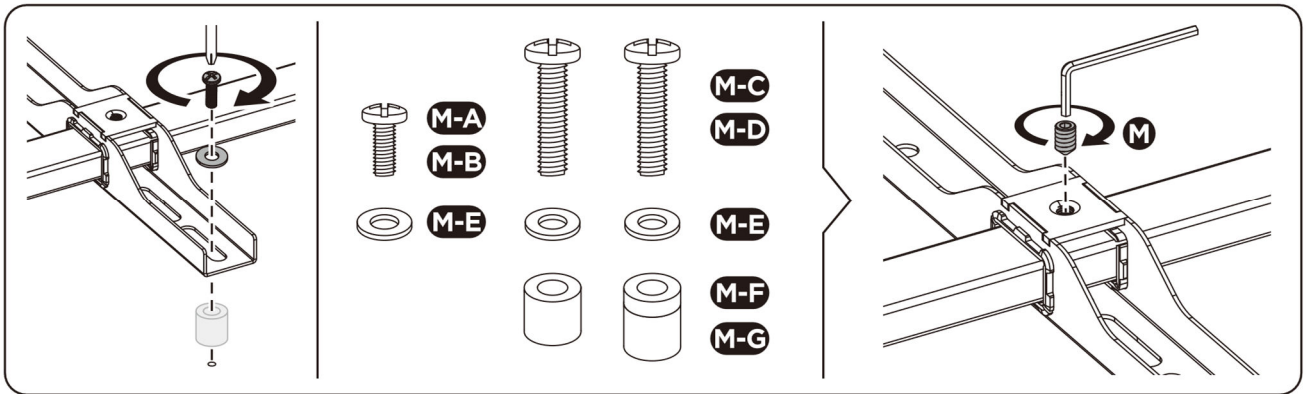


6

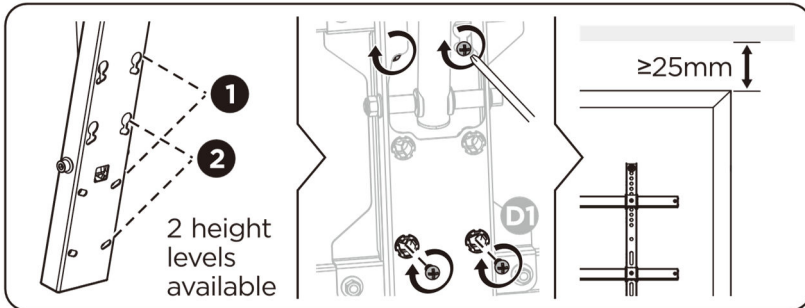
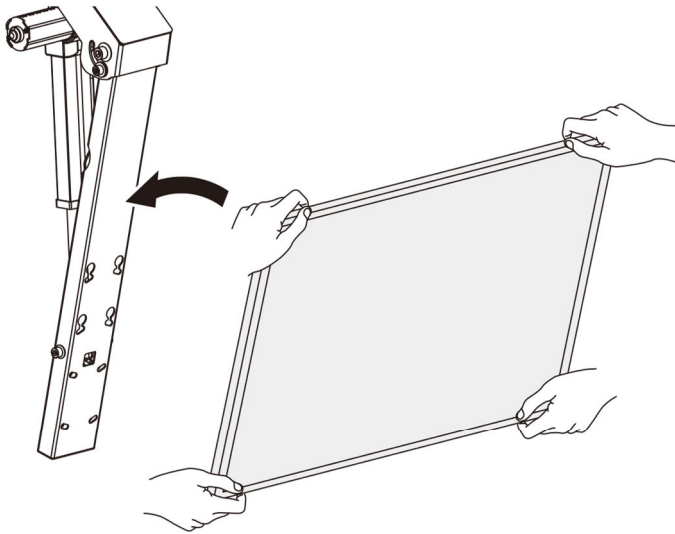


Note: Align the VESA holes on the back of the TV screen with the mounting holes on the Brackets (C). Ensure the mounting frame is in the center on the back of the TV screen.

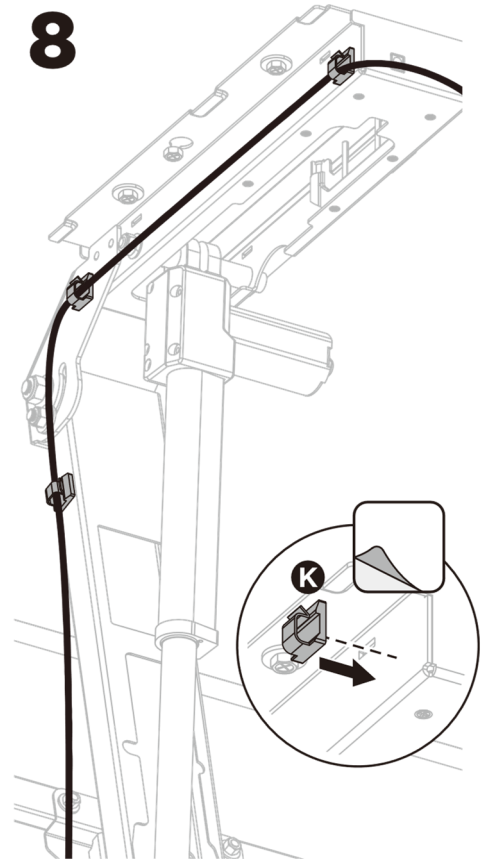




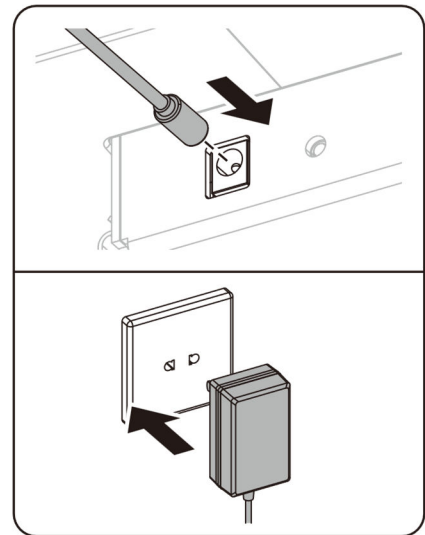
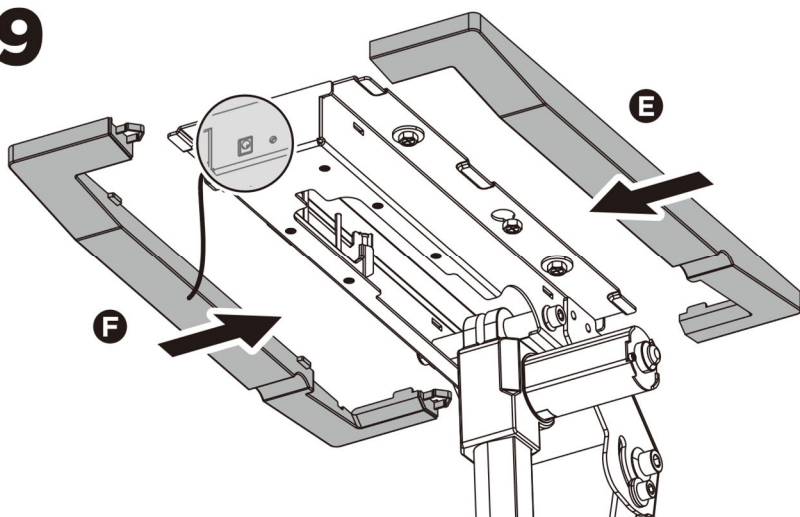
7

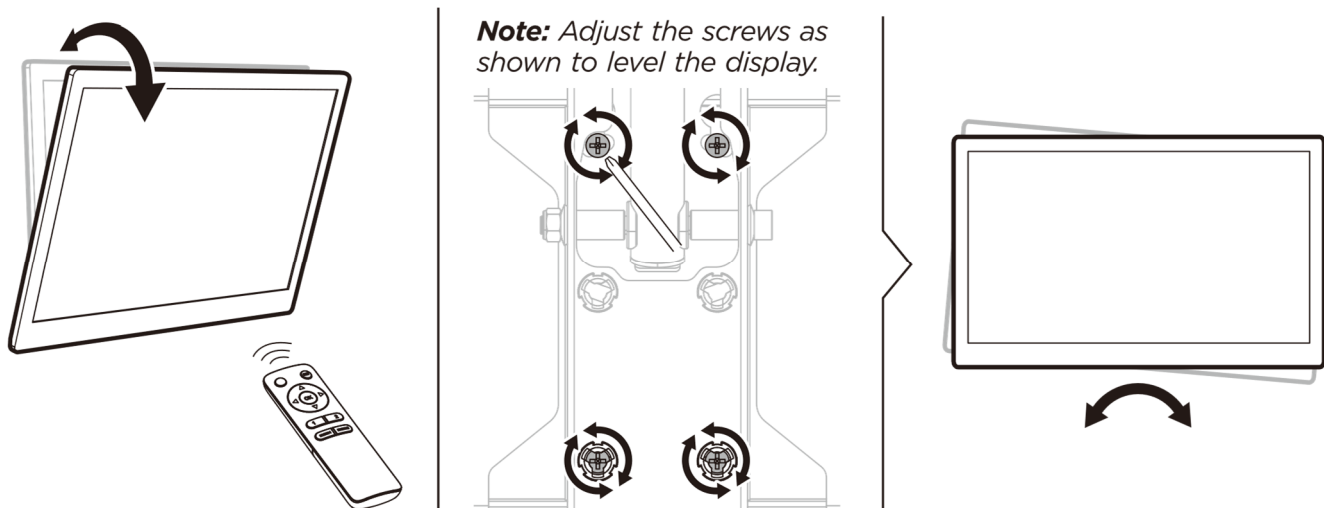


8



9





OTHER CAUTIONS

- Do not clean the product with water while it is connected to power.
- Do not disassemble or replace components while the product is connected to power.
- Do not operate the system with a damaged cord or plug.
- Do not operate the system in a moist environment or if its electrical components have come into contact with liquids.
- If the control box produces unusual noise or odor, switch off the mains power immediately.

ENERGY CONSUMPTION INFORMATION

This product is designed to comply with Commission Regulations on ecodesign requirements for standby power consumption of electrical and electronic household equipment.

Standby Mode

- **Power Consumption:** $\leq 0.5 \text{ W}$
- **Time to Enter Standby Mode:** The product enters standby mode immediately after manual operation.

Networked Standby Mode

- **Power Consumption:** $\leq 2 \text{ W}$
- **Time to Enter Networked Standby Mode:** The product enters standby mode immediately after manual operation via Wi-Fi®.

REMOTE CONTROL OPERATION INSTRUCTIONS

Button Functions

1. Upward/Downward Movement

- Press the  button, the TV mount will move upward to the lowest-profile position against the ceiling.
- Press the  button, the TV mount will move downward to the maximum tilt angle position (80° by default)
- Press the  button to stop the motion. (**Tip:** Clear up all obstacles within the range of motion.)

2. Memory Setting

Press the  or  button for 1 second and you will hear a beep, indicating that the current position has been saved to memory. The  and  buttons can each store a different position.

3. Recall Memory

Press the  or  button and the mount will automatically get to the position saved in the corresponding button  or .

4. Reset Mode

If the TV mount can't be adjusted to the highest position (0° against the ceiling) or the lowest position (max. tilting position), unplug and replug the power. Then press and hold the  button for 5 seconds. Mount will retract to the highest position and then extend to the lowest position. With a long beep, the system has been successfully reset.

5. Reset the Tilt Range for Pitched Ceiling

The TV mount is 0°–80° adjustable by default. Please reset the tilt range if you intend to use it as a pitched ceiling TV mount.

Prepare: Reset the system (see instructions on Reset Mode).

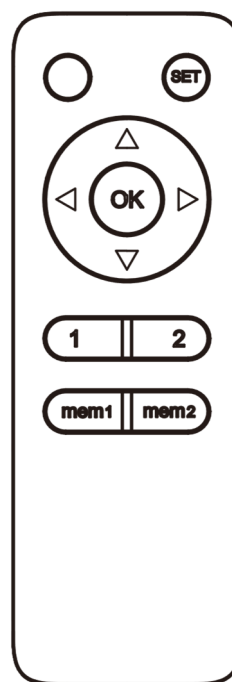
Step 1: Press the , , and  buttons and adjust to the proper position.

Step 2: Quick press the  button 5 times. The unit will emit 2 beeps to indicate success.

Note 1: Steps 1 and 2 should be finished in 2 minutes, or it will fail to reset.

Note 2: Quick press the  button 5 times to disconnect the device from the app.

Note 3: The remote controller is powered by two AAA batteries (not included).



RMT-02
remote control

6. Turning On/Off the Wi-Fi and Bluetooth® Modules

Note: When the product is powered on again, the Wi-Fi and Bluetooth functions are enabled by default.

Step 1: To turn off Wi-Fi and Bluetooth modules, press and hold the  button for 10 seconds until the buzzer sounds **once**.

Step 2: To turn on Wi-Fi and Bluetooth modules, press and hold the  button for 10 seconds until the buzzer sounds **twice**.

Note 1: When the product stops running, it will immediately enter the standby mode (power saving).

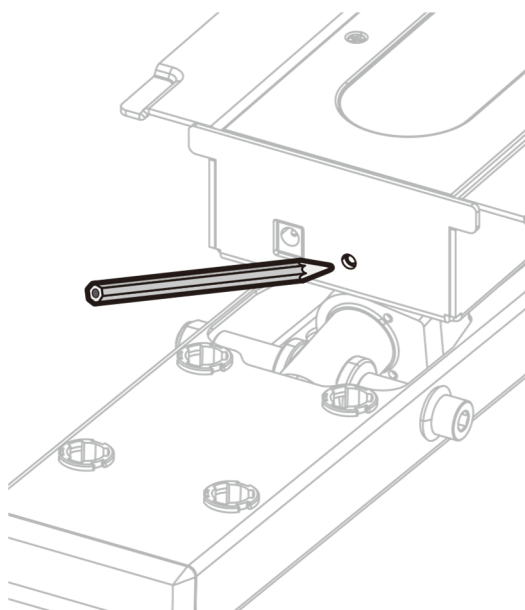
Note 2: Press the  button 5 times, with approximately 1-second intervals between each press to disconnect the device from the app.

Note 3: The remote controller is powered by two AAA batteries (not included).

Coding of Remote Controller and Control Box

1. When the mount is powered on, press the small button on the control box with a thin tool as shown. The unit emits a beep, indicating that the control box is on standby for program coding.
2. Press the  button on the remote control, and the control box repeatedly beeps for approximately 10 seconds, indicating that the remote control is being programmed. The process will be finished automatically until you can't hear a beep any longer.

Note: The TV mount can be matched with up to 20 remote controllers. **To clean up the data of all the matched remote controllers and the Phone**, press and hold the code matching button until a long beep is heard. This means the clean up has been successful.



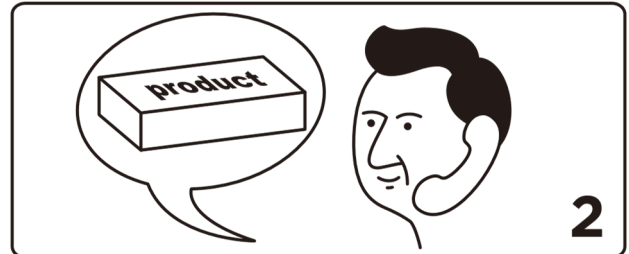
TROUBLESHOOTING

This troubleshooting guide intends to help you identify and solve the minor problems caused by unusual operation of the electric system of our electric TV mounts. The simple procedures below are easy to follow and capable of solving most problems that can happen in everyday use.

Error Indication

Buzzer Constantly Emits Alarm Sound, Error of Positioning Signal

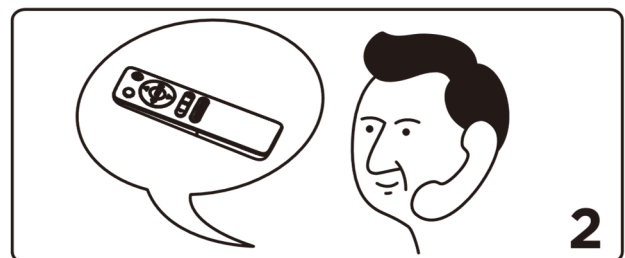
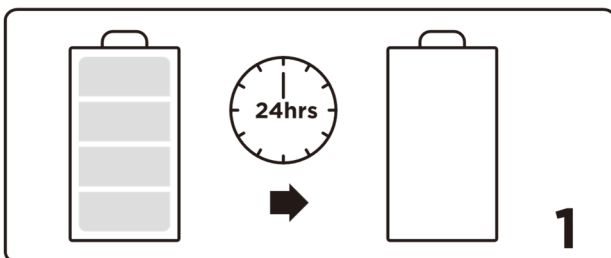
- Reset the system (see instructions on Reset Mode). If the alarm sound continues, please contact us to replace the product.



Remote Control Problems

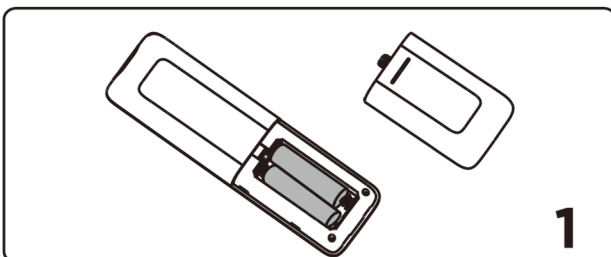
Abnormal Loss of Power (Batteries Are Normally Out of Power After 24 Hours Without Use)

- Please contact us to replace the remote control.



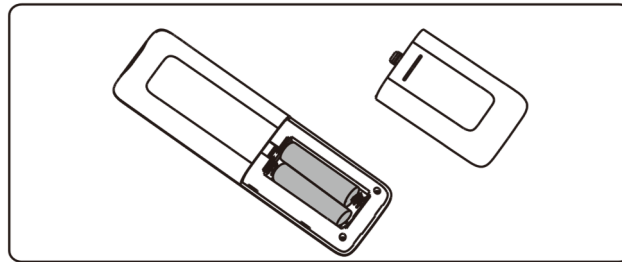
Buttons on Remote Control Don't Work

- Please check if the batteries have power. If the problem isn't solved, please contact us to replace the remote control. If the problem is still not solved after the replacement, please contact us to replace the product.



Insensitivity of Remote Control (Functional Distance Is Less Than 3 Meters)

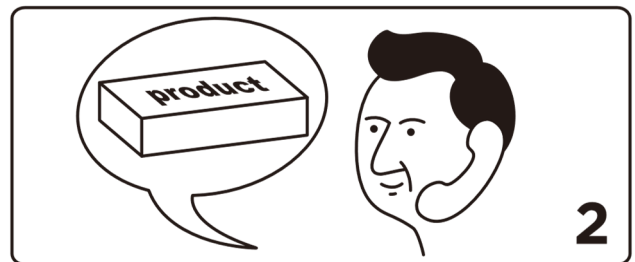
- Please replace the batteries. If the problem is still not solved, please contact us to replace the remote control.



Abnormal Operation

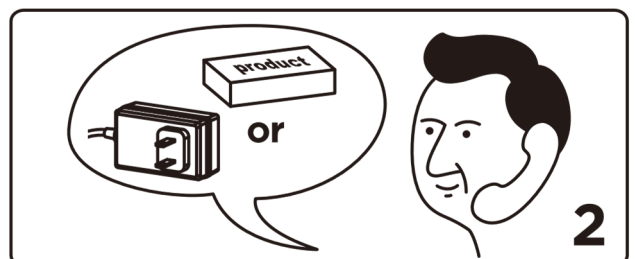
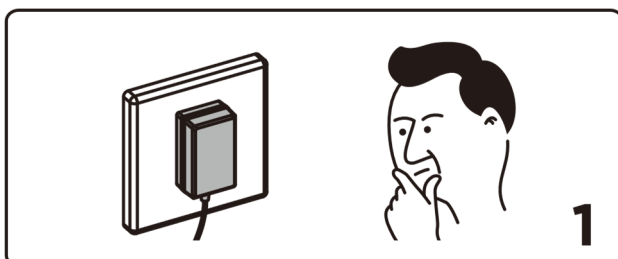
TV Mount Can't Be Adjusted to 0° or 80°

- Please reset the system (see instructions on Reset Mode). If the problem is still not solved, please contact us to replace the product.



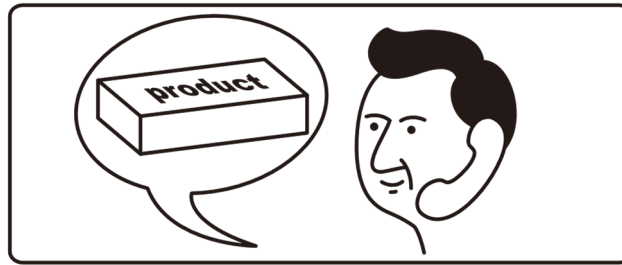
Inoperative

Please check if the power adapter is properly connected to the product. If so, please turn the power on. If there is no buzzer sound or red light power indication, please check if the power adapter works properly. If it doesn't, please contact us for replacement. If the power adapter works properly, but the TV mount doesn't, please contact us to replace the product.



Abnormal Noise

Please contact us to replace the product.



TUYA SMART APP

- This guide is for illustration purposes only, as the latest app interface may vary.
- Download the Tuya Smart app from the App Store® or Google Play™.
- **Wi-Fi Standard:** IEEE 802.11b/g/n

Operation Frequency: 2.400–2.4835 GHz

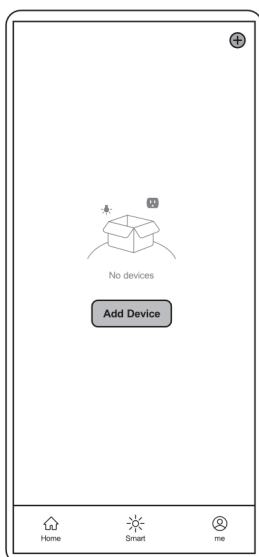
RF Output Power: 20 dBm Max



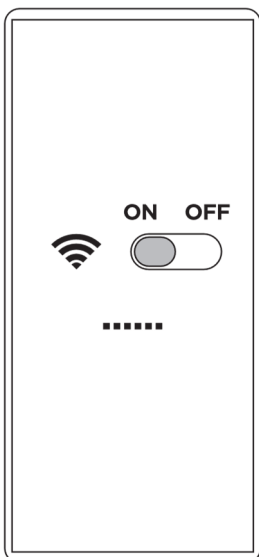
Sign-In and Device Connection



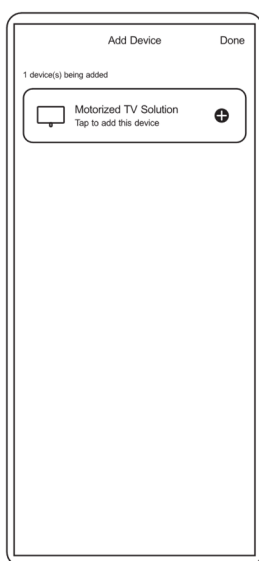
1. Sign in with phone number and a verification code, follow the instructions to enter.



2. Click "Add Device" / "+" icon at the upper right corner to enter the device selection page.



3. Turn on the 2.4G wireless as promoted by the app, then connect your phone to the 2.4G Wi-Fi.



4. Click "Motorized TV Solution" in the "Auto Scan" page and go to "Next".



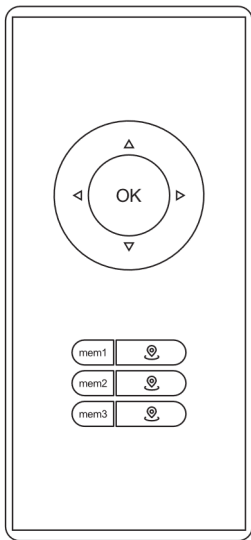
5. Click the Wi-Fi and enter the corresponding password and click “Next”.



6. The device will be added after 10 to 60 seconds. The unit will emit a beep indicating success.

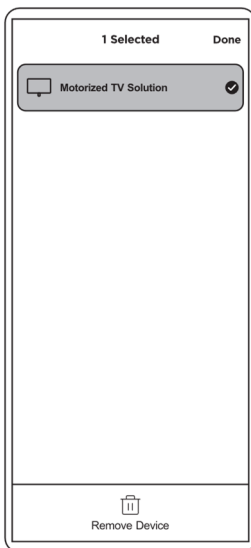


7. Once device is connected, click “Done” to enter the “remote” dashboard. You can also edit your device name by clicking the pencil icon.

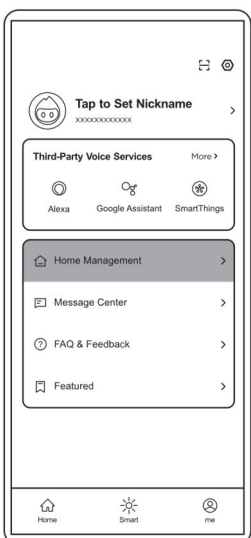


8. Refer to Remote Control Operation Instructions (see Button Functions).

Note: Short press the mem1, mem2, or mem3 button on the device to save the current position to memory.



9. Long press the device to disconnect in the front page.



10. Click “me” at the bottom, then click “Home Management”.

The screen is titled "Home Management" with a back arrow on the left. It contains a list of items: "My Home ..." with a right arrow, "Create a home" (highlighted in grey), and "Join a home". Below the list is a large empty rectangular area.

11. Click "Create a Home".

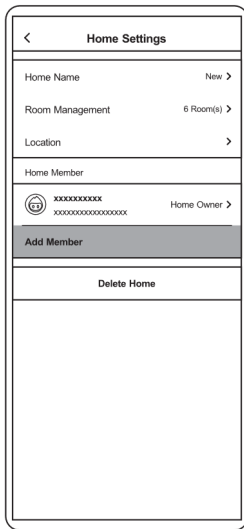
The screen is titled "Complete Home Information" with "Cancel" on the left and "Save" on the right. It has input fields for "Home Name*" (with "Enter" text) and "Location" (with "Set" text and a right arrow). Below is a section labeled "Rooms:" containing a list of room types, each with a checkbox: "Living Room", "Master Bedroom", "Second Bedroom", "Dining Room", "Kitchen", and "Study Room". All checkboxes are checked. At the bottom is an "Add Room" button and a large empty rectangular area.

12. Complete new Home Information and save it.

Note: Home name is required and allows a maximum of 25 characters.

The screen is titled "Home Management" with a back arrow on the left. The list now includes "My Home ..." (with a right arrow), "New" (highlighted in grey with a right arrow), "Create a home", and "Join a home". The large empty rectangular area at the bottom is still present.

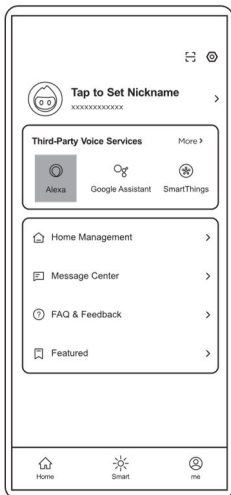
13. Choose the Home you just created in the list.



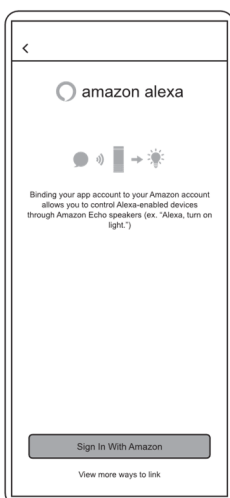
14. Choose “Add Member” to add other users into a Home. The user will receive a notification on the app and be able to control the device after they accept the invitation.

Note: One device is not able to be connected by multiple users except for Home Management Function. Former user needs to disconnect the device on the app (quick press remote  button 5 times to disconnect) before new user connects.

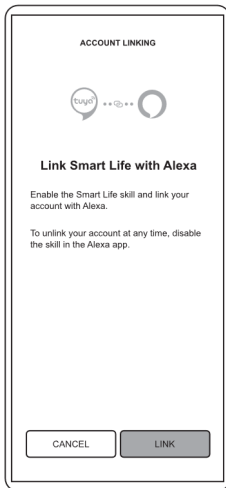
Control via Amazon Alexa™



1. Download the Amazon Alexa app from the App Store or Google Play. Once installed, return to the Tuya app, click on “me” at the bottom right corner and click “Alexa”.



2. Click “Sign in with Amazon”.



3. Click “LINK” to begin the linking process.

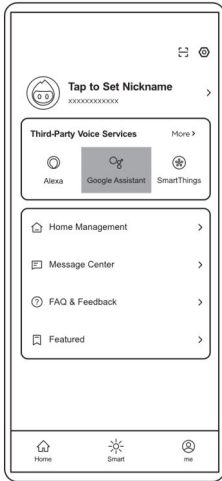


4. Once the linking is complete, you can start controlling the TV mount via Amazon Alexa.

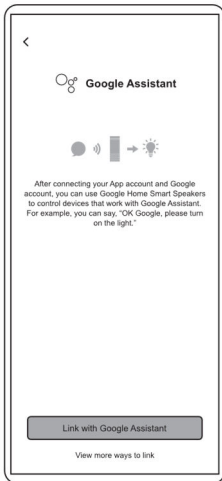
Amazon Alexa Voice Control (Only Supports English and German)

Commands	English Voice Commands	German Voice Commands
Upward Movement	Alexa, set <deviceName> to up	Alexa, set <deviceName> to hoch.
Downward Movement	Alexa, set <deviceName> to down.	Alexa, set <deviceName> to runter.
Stop	Alexa, set <deviceName> to stop.	Alexa, set <deviceName> to stop.
Save Current Position as Memory 1	Alexa, set <deviceName> to Memory one.	Alexa, set <deviceName> to Memory eins.
Save Current Position as Memory 2	Alexa, set <deviceName> to Memory two.	Alexa, set <deviceName> to Memory zwei.
Save Current Position as Memory 3	Alexa, set <deviceName> to Memory three.	Alexa, set <deviceName> to Memory drei.
Move to Memory Position 1	Alexa, set <deviceName> to Position one.	Alexa, set <deviceName> to Position eins.
Move to Memory Position 2	Alexa, set <deviceName> to Position two.	Alexa, set <deviceName> to Position zwei.
Move to Memory Position 3	Alexa, set <deviceName> to Position three.	Alexa, set <deviceName> to Position drei.
Move to Initial Position	Alexa, set <deviceName> to Home.	Alexa, set <deviceName> to Home.

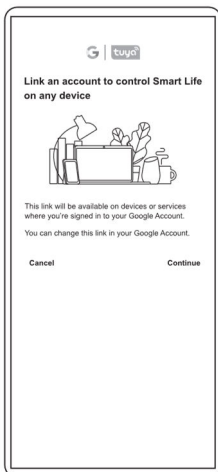
Control via Google Home™



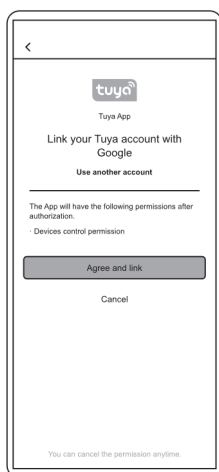
1. Download the Google Home app from the App Store or Google Play. Once installed, return to the Tuya app, click on “me” at the bottom right corner and click “Google Assistant™”.



2. Click “Link with Google Assistant” to launch the Google Home app.



3. Click “Continue” to return to the Tuya app.



4. Click “Agree and link” to return to the Google Home app. The linking is complete, you can start controlling the TV mount via Google Home.

Google Home Voice Control (Only Supports English and German)

Commands	English Voice Commands	German Voice Commands
Upward Movement	OK Google, set <deviceName> to up	OK Google, set <deviceName> to hoch.
Downward Movement	OK Google, set <deviceName> to down.	OK Google, set <deviceName> to runter.
Stop	OK Google, set <deviceName> to stop.	OK Google, set <deviceName> to stop.
Save Current Position as Memory 1	OK Google, set <deviceName> to Memory one.	OK Google, set <deviceName> to Memory eins.
Save Current Position as Memory 2	OK Google, set <deviceName> to Memory two.	OK Google, set <deviceName> to Memory zwei.
Save Current Position as Memory 3	OK Google, set <deviceName> to Memory three.	OK Google, set <deviceName> to Memory drei.
Move to Memory Position 1	OK Google, set <deviceName> to Position one.	OK Google, set <deviceName> to Position eins.
Move to Memory Position 2	OK Google, set <deviceName> to Position two.	OK Google, set <deviceName> to Position zwei.
Move to Memory Position 3	OK Google, set <deviceName> to Position three.	OK Google, set <deviceName> to Position drei.
Move to Initial Position	OK Google, set <deviceName> to Home.	OK Google, set <deviceName> to Home.

CUSTOMER SERVICE

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To download the latest drivers, firmware, manuals, etc., go to **www.monoprice.com** and type **49682** into the search bar. If available, support files are linked at the bottom of the product page.

REGULATORY COMPLIANCE

Notice for FCC



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.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

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.

Notice for ISED Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Remote Control

FCC ID: 2AG62RMT-02

IC: 24103-RMT02

Radio Notice for FCC

Caution

This FCC Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

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.

Radio Notice for ISED Canada

This device complies with ISED Canada license-exempt RSS standard(s). 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.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

DISPOSAL AND RECYCLING INFORMATION



The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electrical and electronics products via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your unwanted product, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

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