

TY-01 / TY-01-25

User Manual



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Caution



Ensure no obstacles are in the TV lift's path. Ensure all cords are the appropriate length to accommodate the change in height.



Warning:
Pinch point!
Keep hands and fingers clear.

Ensure these instructions are read and acknowledge before use or installation.

Please contact a professional installer for assistance if unsure of installation. Attach to structures suitable for supporting the TV lift and added load.

Use the appropriate safety equipment and tools. A minimum of two people is required for this installation.

Do not exceed the maximum load capacity of 135 lbs or else this may result in product failure or personal injury.

Do not sit or stand on the TV lift. Do not crawl or lie under the TV lift.

Before cleaning, unplug the unit from power. Clean with a slightly damp cloth to wipe away any surface dust. Do not use corrosive or abrasive materials. Keep all electrical components away from liquids.

Dispose of in accordance with local laws and regulations. There are wires, electronic components, metal and plastic parts and may not be disposed of as local waste.



Liability



Under no circumstances does the manufacturer accept warranty claims or liability claims for damages caused by improper use or handling of the TV lift.

Specifications



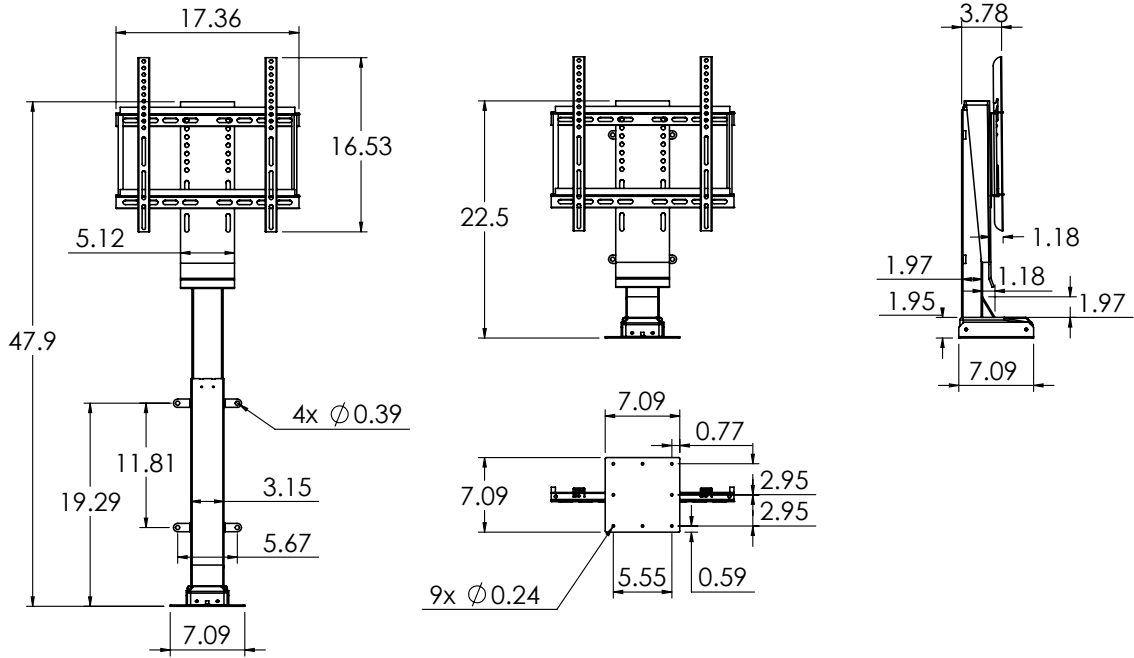
Model	TY-01-25	TY-01
Stroke (Movement)	25.4"	38.8"
Minimum Height	22.5"	32.1"
Maximum Height	47.9"	70.9"
Dimensions (LxWxH)	7.09" x 18.19" x 26.88"	7.09" x 28.62" x 36.18"
Weight	33.2 lbs	42.0 lbs
TV Size Compatibility	32" to 60"	
Vesa Compatibility	Yes - Adjustable	
Input Voltage	110 VAC, 230 VAC Customizable	
Control Options	Wireless & Wired Remote	
Wireless Remote Range	Up to 100 ft	
Wired Remote Cable Length	81"	
Dynamic Load	135 lbs	
Static Load	155 lbs	
Upside Down Dynamic Load	135 lbs	
Upside Down Static Load	135 lbs	
Speed (No Load)	1.22"/sec	
Speed (Full Load)	0.98"/sec	
Overload Protection	PTC Short Circuit Protection, Current Overload Detection	
Operational Temperature	5° to 40°C (41° to 104°F)	
Operating Noise	<50dB	
Duty Cycle	10% (2 Minutes On, 18 Minutes Off)	
IP Rating	IP20	
Certifications	UL	
Color	Black	
Frame Material	Steel	
AC Cable Length	118"	
Warranty	18 Months	



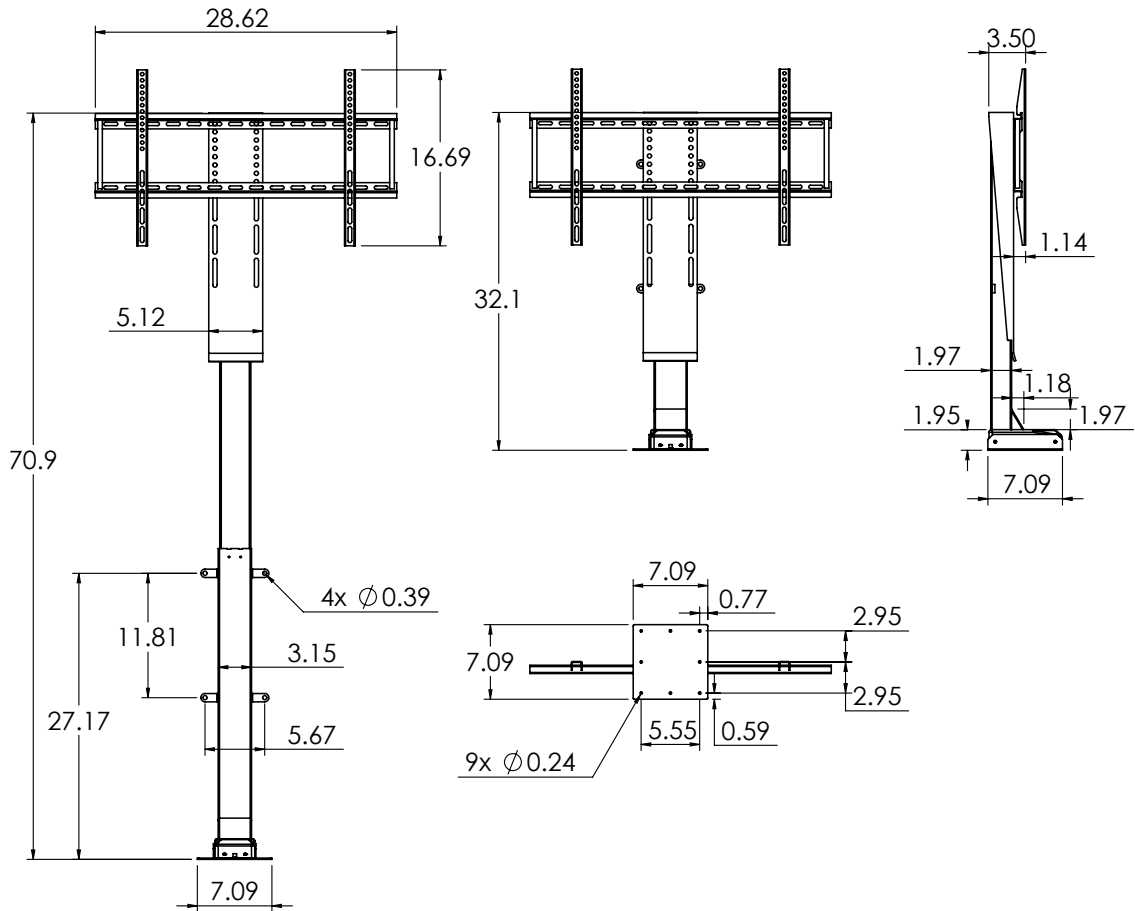
Dimensions

(Dimensions in inches)

TY-01-25



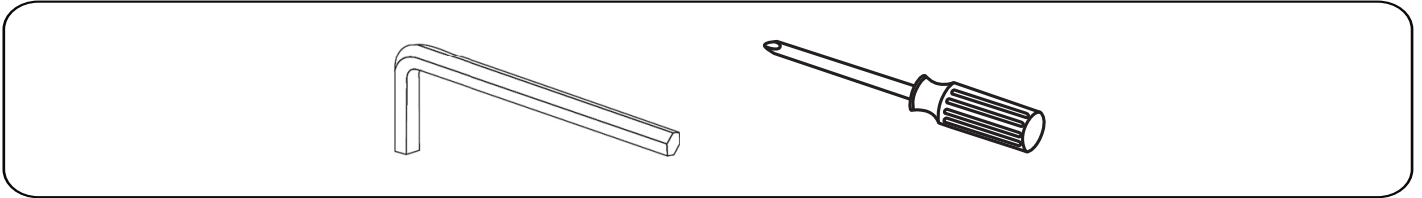
TY-01



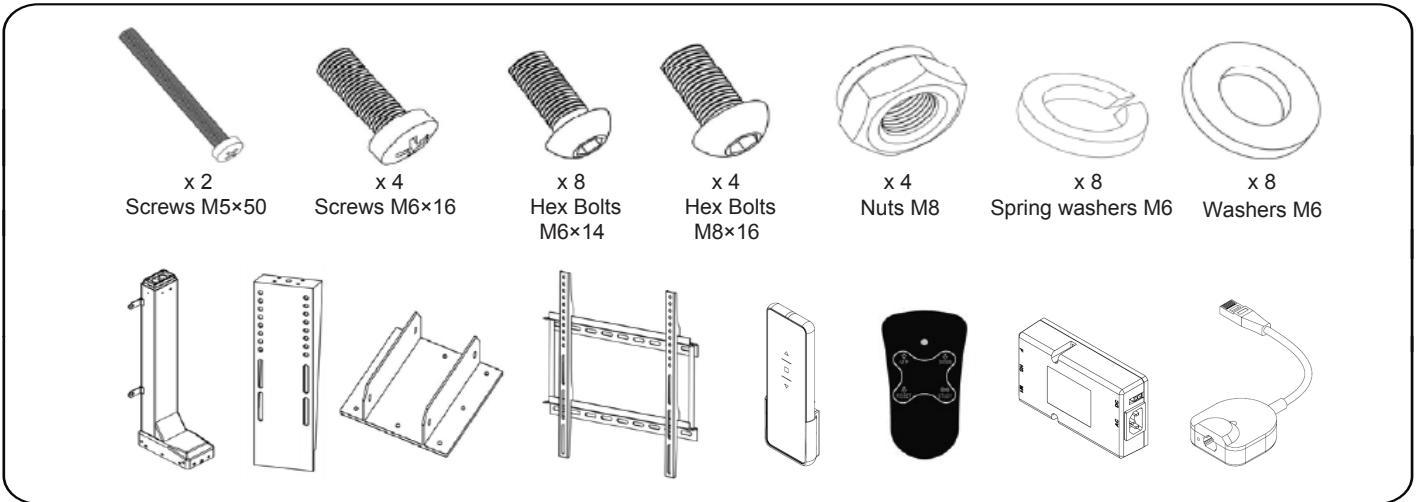


Components

Tools



Hardware



x 2
Screws M5x50

x 4
Screws M6x16

x 8
Hex Bolts
M6x14

x 4
Hex Bolts
M8x16

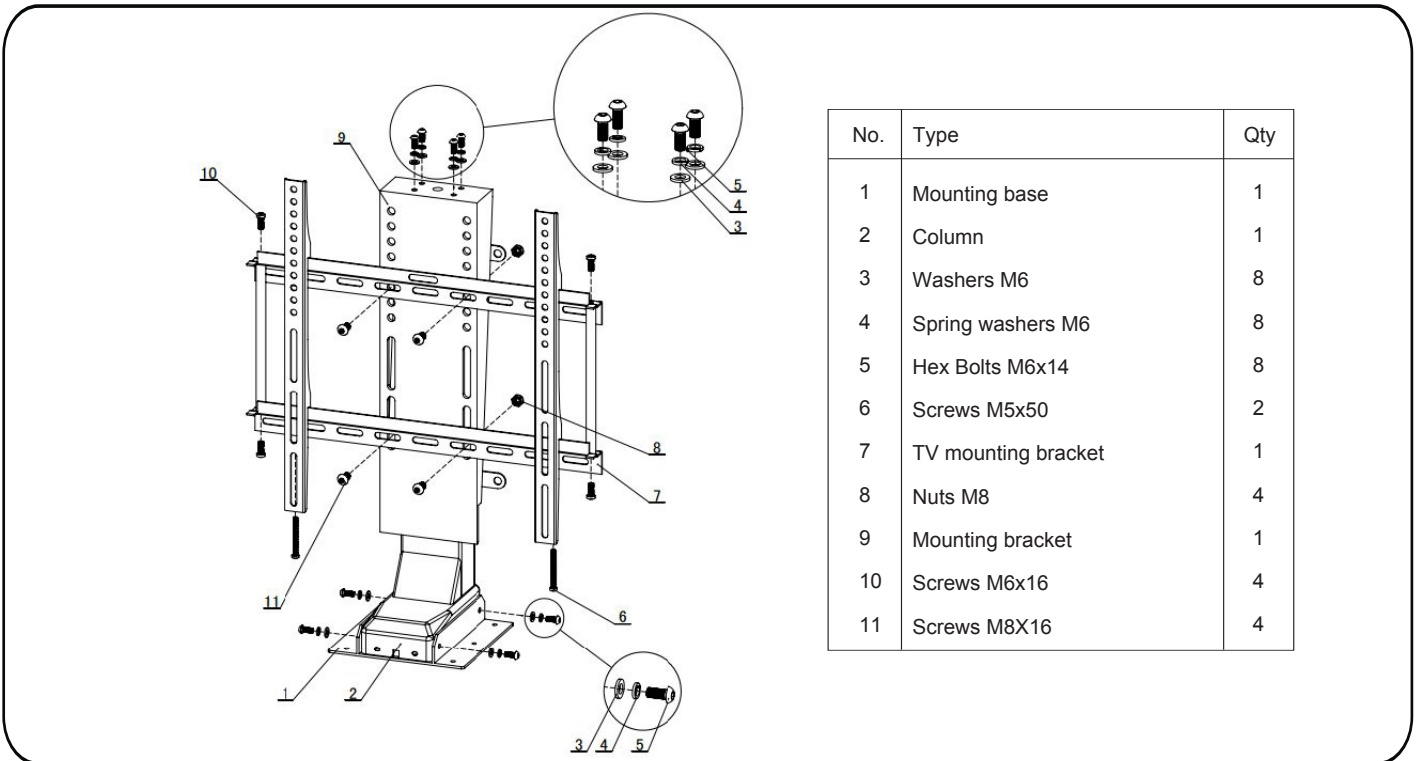
x 4
Nuts M8

x 8
Spring washers M6

x 8
Washers M6

*1x CR2450 batteries are required for the wireless remote

Parts Diagram



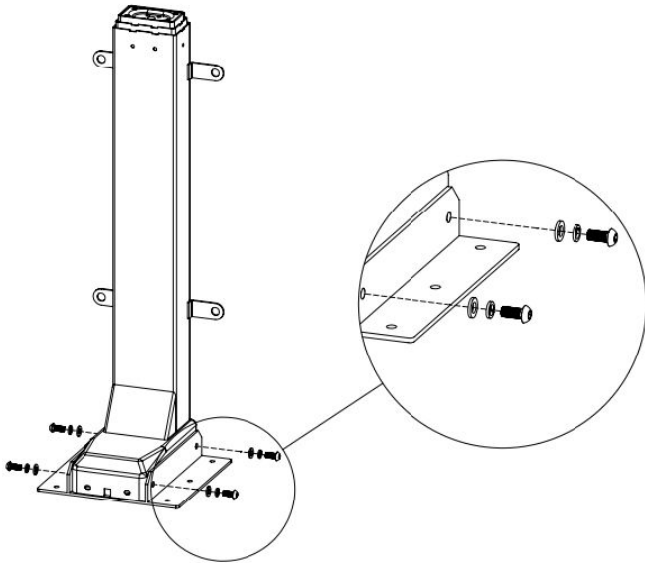
No.	Type	Qty
1	Mounting base	1
2	Column	1
3	Washers M6	8
4	Spring washers M6	8
5	Hex Bolts M6x14	8
6	Screws M5x50	2
7	TV mounting bracket	1
8	Nuts M8	4
9	Mounting bracket	1
10	Screws M6x16	4
11	Screws M8X16	4



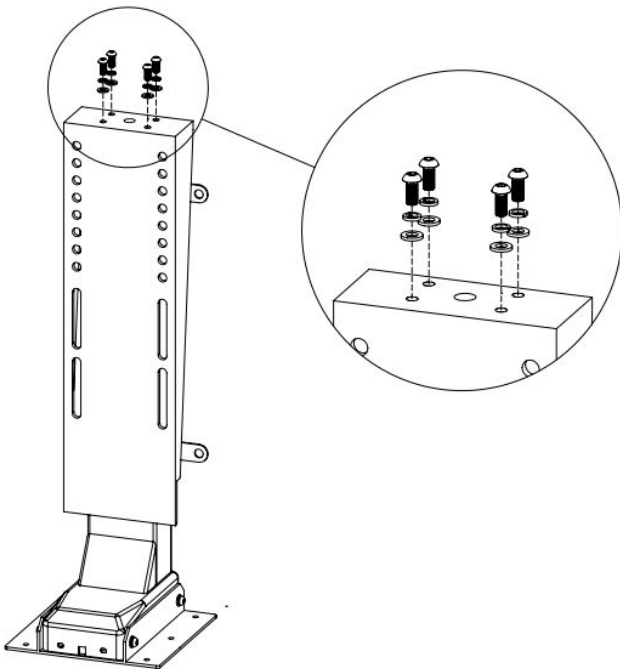
Assembly Instructions

Please contact our customer service department should you have any questions.

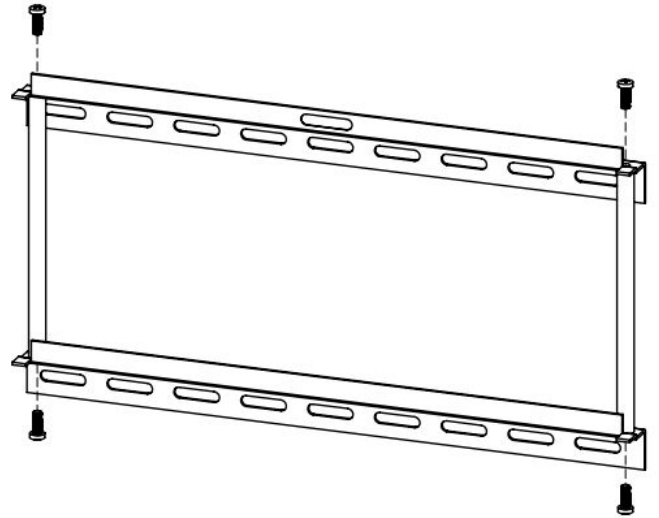
- 1 Use 4 Hex Bolts M6x16, each with Spring washer and Washer, to attach Bases to the bottom of the Column. Tighten the 4 Screws (2 per side).



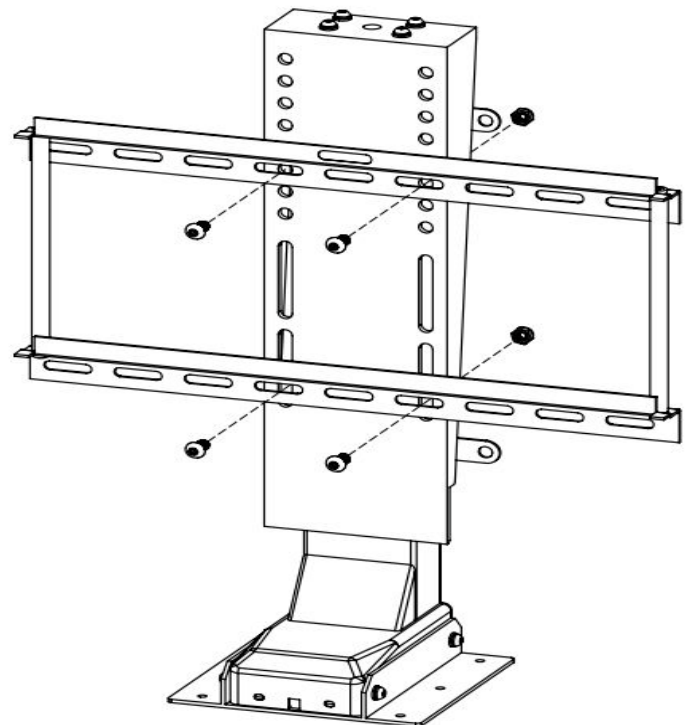
- 2 Use 4 Hex Bolts M6x16, each with Spring washer and Washer, to attach Mounting bracket to the top of the Column. Tighten the 4 Screws.



- 3 Use 4 Screws M6x16, to assemble the TV mounting bracket as shown below.



- 4 Use 4 Hex Bolts M8x16, each with Spring washer and Washer, to attach TV mounting bracket on to the Mounting bracket. Tighten the 4 Screws.

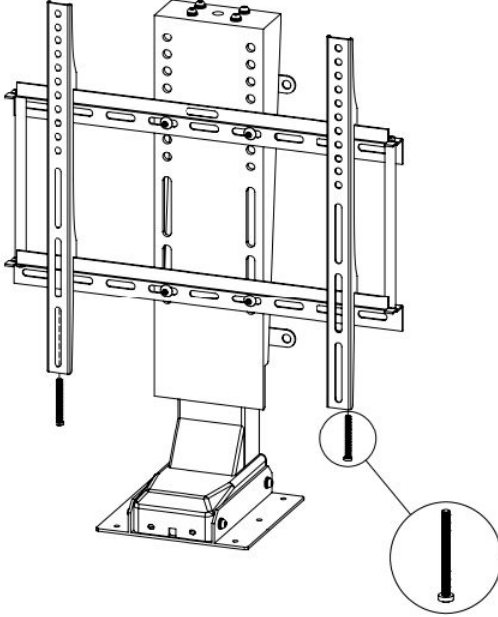


Assembly Instructions



- 5 Secure another 2 parts of the TV mounting bracket onto the backside of the TV set with 4 screws included with TV set. And then hang the TV set onto the TV mounting bracket as following.

Use 2 M5x50 screws to tighten on the bottom.



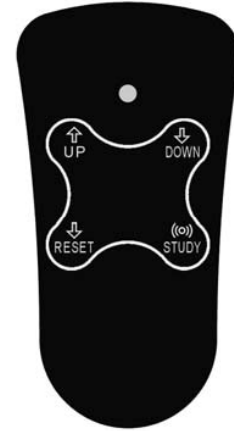
- 7 Operating: You can use the wireless remote or handset to operate the TV lift.

Remote Control and Wired Handset

- Press the UP button to raise the TV lift.
- Press the DOWN button to lower the TV lift.

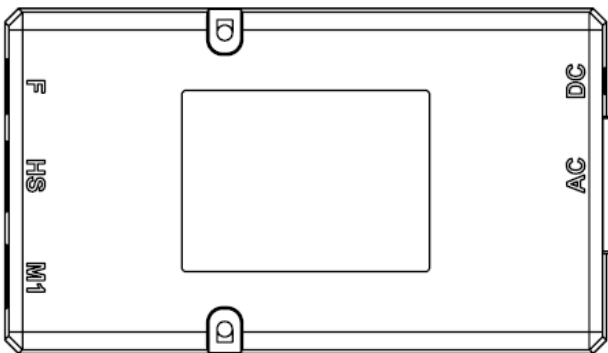
Stopping the TV Lift

- During movement, pressing any button on the remote or handset (except the RESET button on the handset) will immediately stop the TV lift.



6 Connect Electronics and Power

1. Plug the TV lift motor cable into the M1 port on the control box.
2. Plug the wireless receiver into the HS port on the control box.
3. Connect the wired remote to the wireless receiver.
4. Plug the power cord into a compatible wall outlet, then connect the other end to the AC port on the control box.



8 Setting Upper and Lower Limits

Use this function to fine tune the permissible range of travel for the TV Lift according to your installation requirements.

To set the Upper Height Limit

1. Hold the UP and RESET Buttons together. After 3 seconds, the TV Lift should begin moving upwards. Release the buttons when the desired Upper Height Limit has been reached by the TV Lift.
2. The Upper Height Limit has been set and the TV Lift is ready for use.

To set the Lower Height Limit

1. Hold the DOWN and RESET Buttons together. After 3 seconds, the TV Lift should begin moving downwards. Release the buttons when the desired Lower Height Limit has been reached by the TV Lift.
2. The Lower Height Limit has been set and the TV Lift is ready for use.

Note: If the TV Lift needs to be reset with Upper or Lower limits already set, the behavior of the reset will change.



Reset Procedure

Please contact our customer service department should you have any questions.

9 Reset Procedure

Follow the instruction below to reset the TV lift.

1. Press and hold the RESET button for about 6 seconds until the red LED starts blinking, then release the button.
2. Press and hold the RESET button again to raise the TV lift to its highest height.
3. Wait until the TV lift completes its raising and resets successfully. This will be indicated by the red LED no longer blinking.
4. Release the Reset Button once the TV lift has finished resetting.

Please note, before the Reset procedure is complete, all buttons will not be functional except for the RESET button on the wired handset remote.



Warning: Clear Path Required for Reset
During the reset process, the TV lift will fully extend. Ensure there are no obstacles, objects, or obstructions above the TV lift before beginning the reset.

10 Changing Travel Functionality

The user can either set Momentary mode where the wireless remote only moves the TV Lift when its movement buttons are pressed and held, or Non Momentary mode where the TV Lift moves with just one touch of the movement buttons.

By default, the wireless remote is set to Non Momentary mode.

To toggle between the modes

1. Hold the Square button on the remote for approximately 12 seconds. Ensure the blue LED is lit during the press.
2. Release the button after the TV Lift moves a small amount.
3. The mode has been toggled and the TV Lift is ready for use.

11 Basic Troubleshooting

If the TV lift is unresponsive, follow the Reset Procedure in Step 9.

Have any queries? Our expert engineers are here to help!



Progressiveautomations.com



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