

TV Lift Cabinet

Installing Your TV on the Smart Swivel Lift

MISSING PARTS or HAVE QUESTIONS?

CALL 561-417-0999

Our customer service will address
any missing parts, damage, or questions.



WARNING

This product contains small items that could be a choking hazard if swallowed.
Keep these items away from young children!



WARNING

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

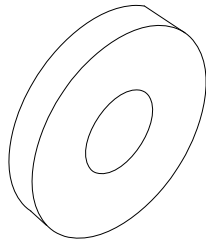
www.TVLiftCabinet.com

Customer Service: 561-417-0999

Supplied Parts and Hardware

Before starting assembly, verify all parts are included and undamaged. If any parts is messing and damaged.do not return the item to the retailer; contact Costume service. Never used damaged parts.

TV Mounting Hardware located on the TV mounting Bracket contains:



2 x large washers



2 x small washers



2x

(M8X20)



2x

(M6X20)



2x

(M5X20)

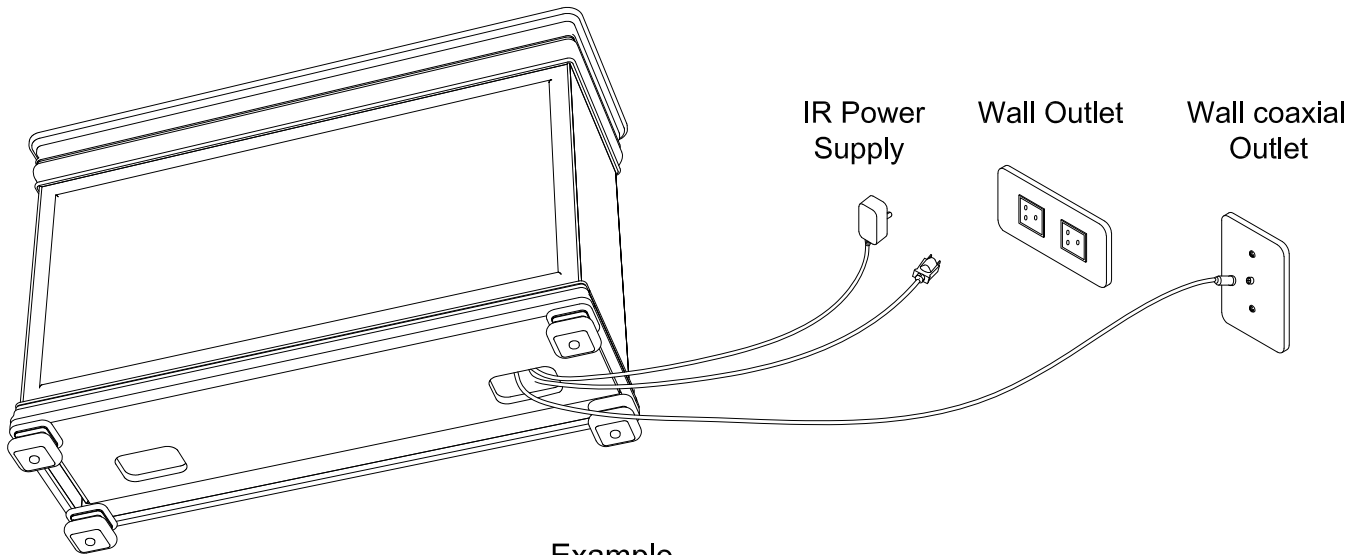


2x

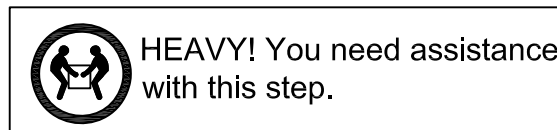
(M4X20)

1: Plug the Lift into to Wall

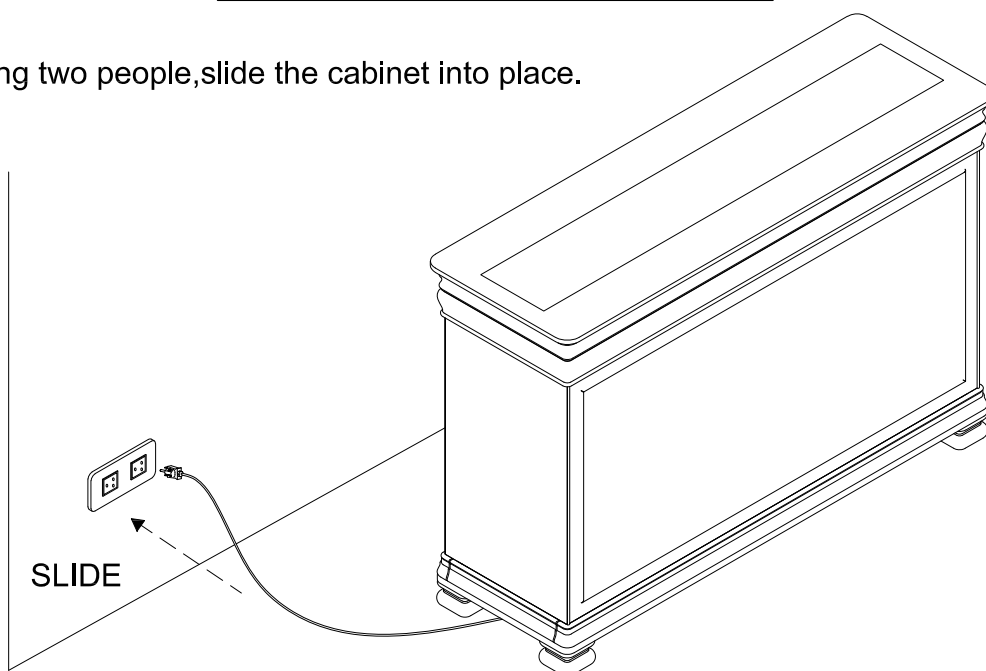
- A) Pull the power cord out of one of the two holes in bottom or back of the cabinet. Choose the exit hole that will be nearest your wall outlet. Plug the lift into your wall outlet.



- B. Run your cables into cabinet.(TV power cord, coax, etc.)
- C. If your cabinet is equipped with the the IR kit, pull the power cord through an exit hole and plug in.

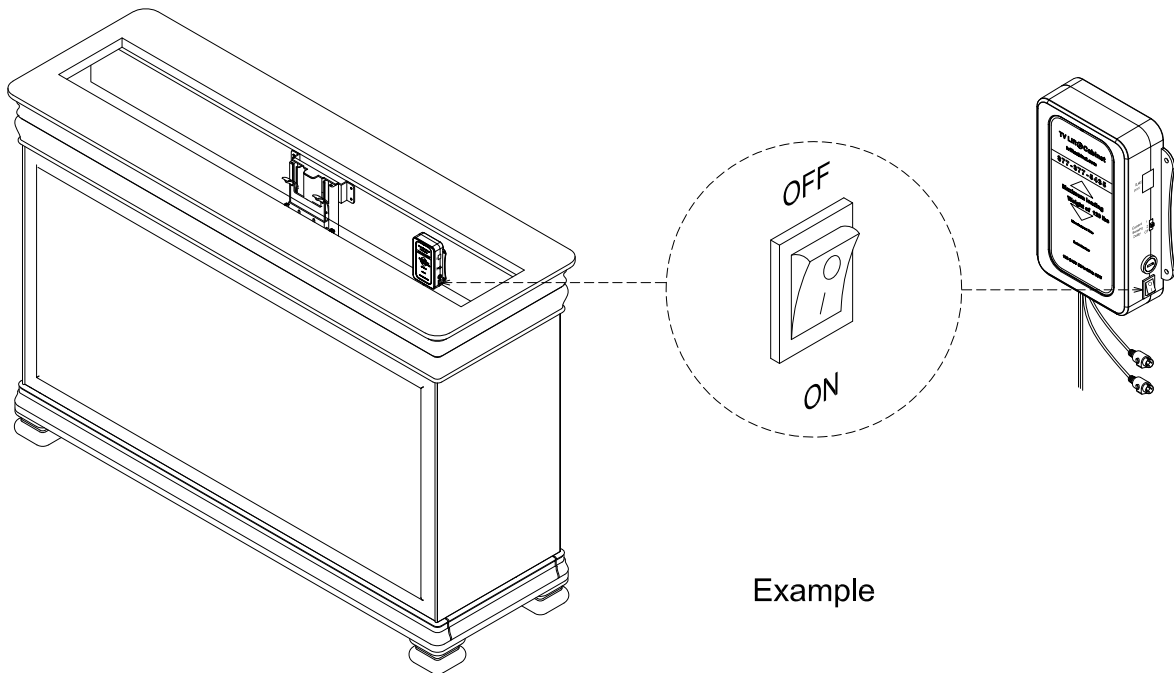


- D. Using two people,slide the cabinet into place.

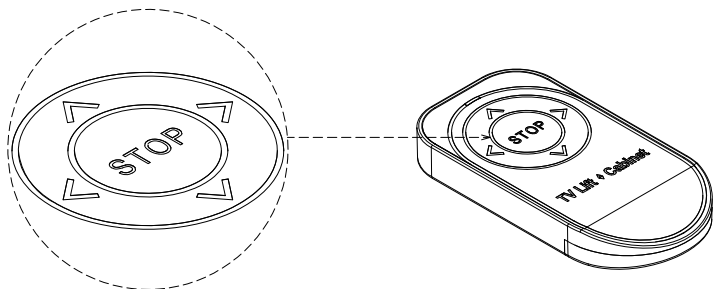


2: Raise Lift

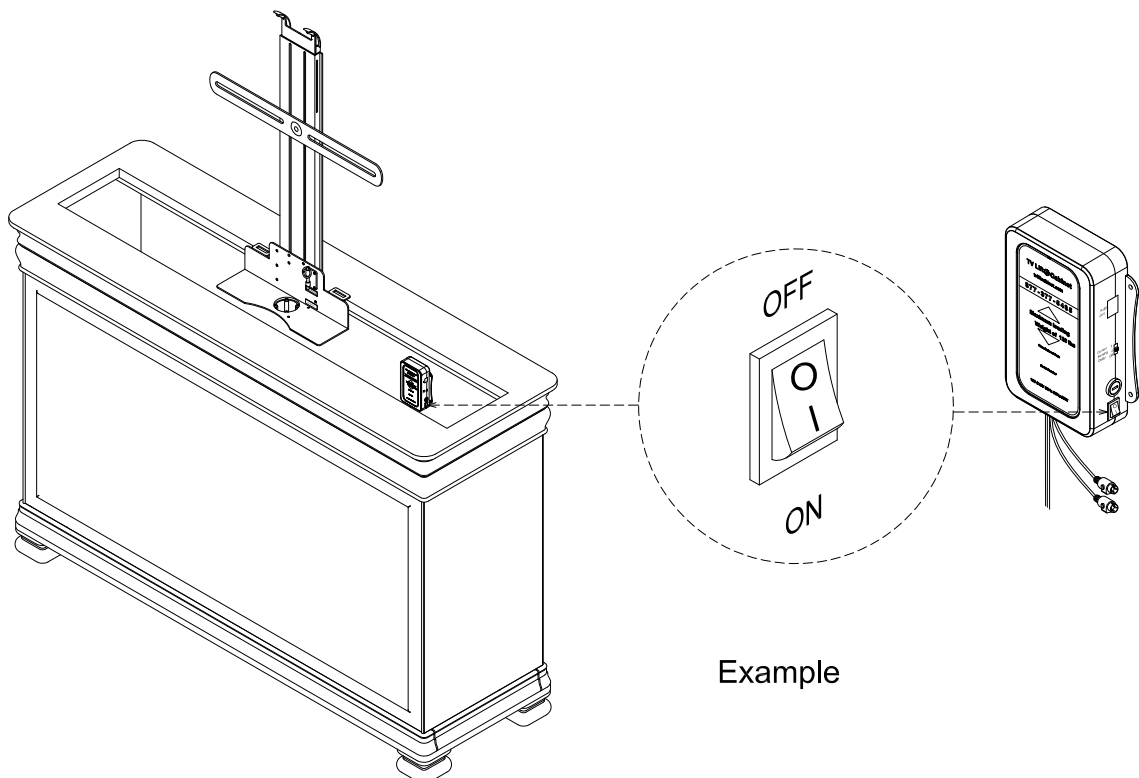
- A. Remove lid from cabinet and place on a safe surface. Turn power on by toggling the switch to the on position. (The control box is located behind the lift on the right side.)



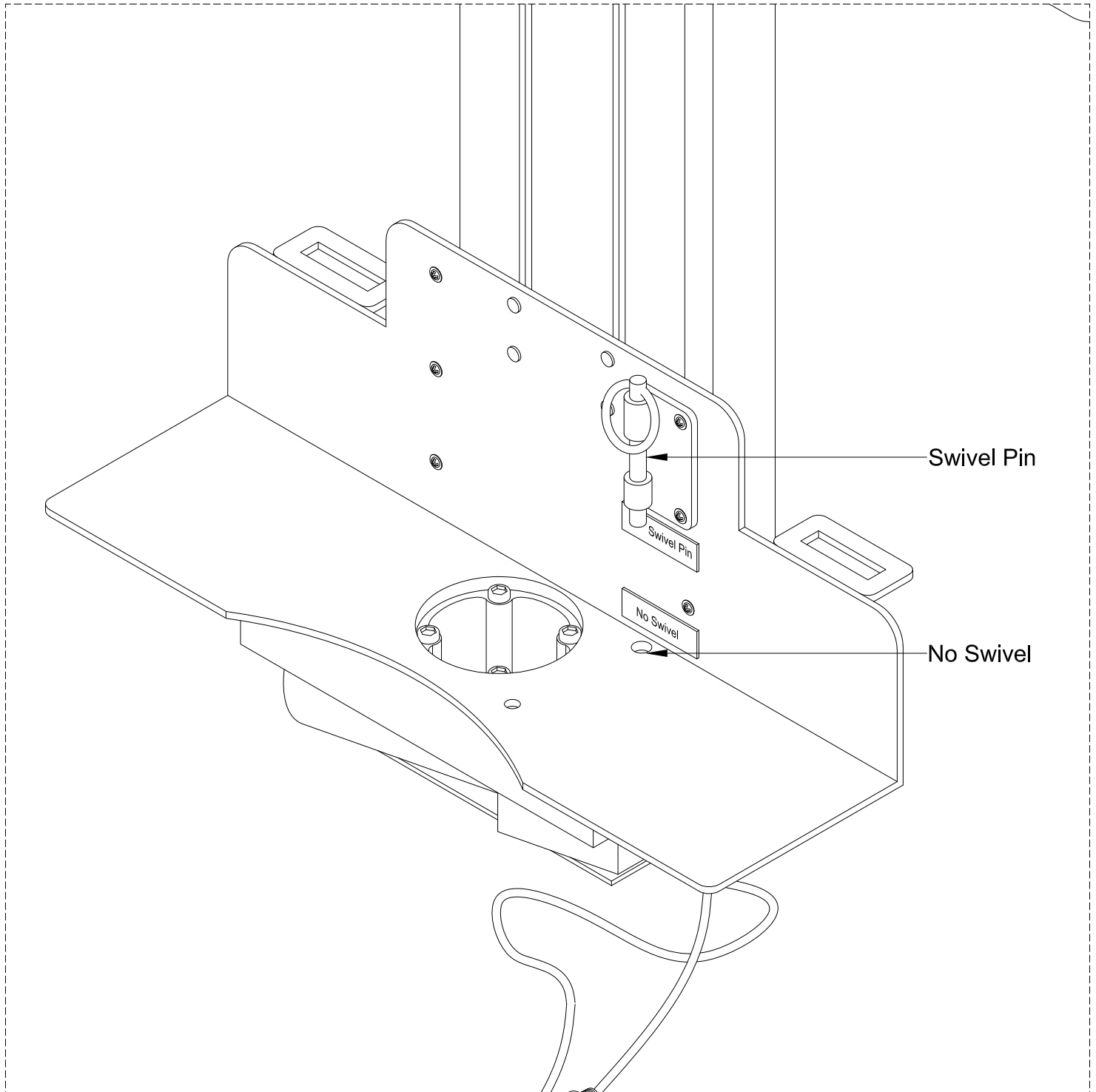
- B. Using the remote, press and release the UP button on the remote control unit. (DO NOT PRESS AND HOLD)



- C. With the lift completely in the up position, turn the lift OFF on the manual control box.

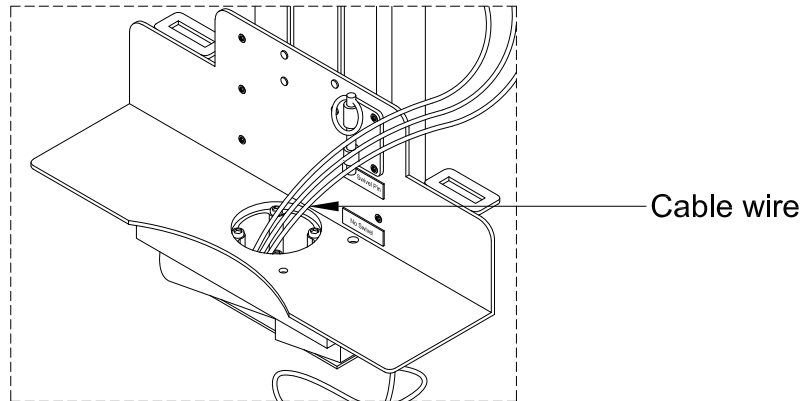


- D. Optional step: To disable the swivel, simply remove the pin from its holder and insert into the small hole on the padded platform directly below the pin holder. This will disable all swivel functionality.

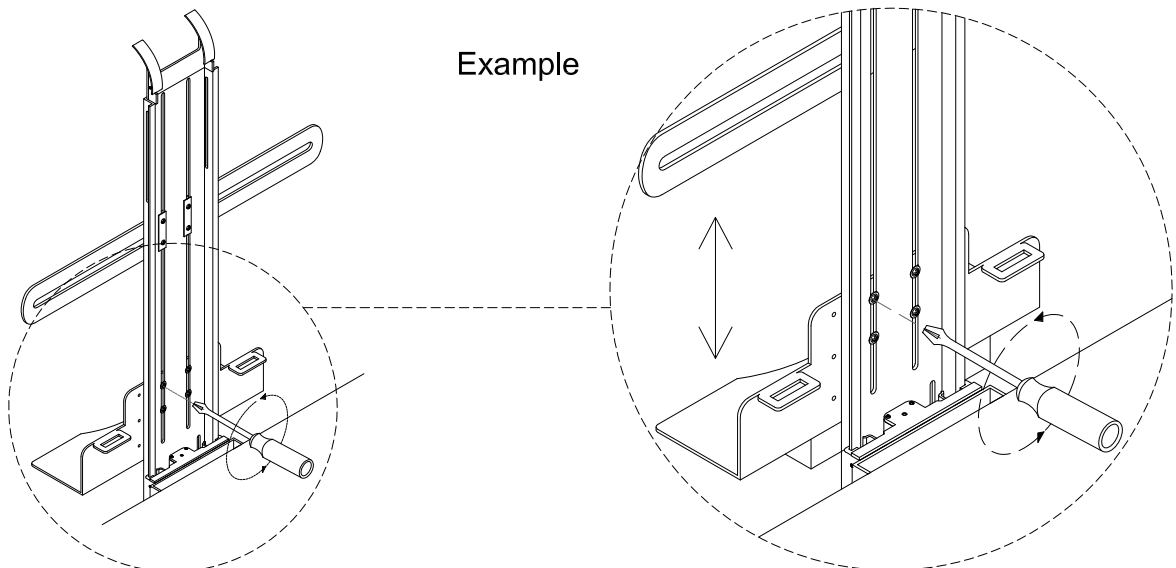
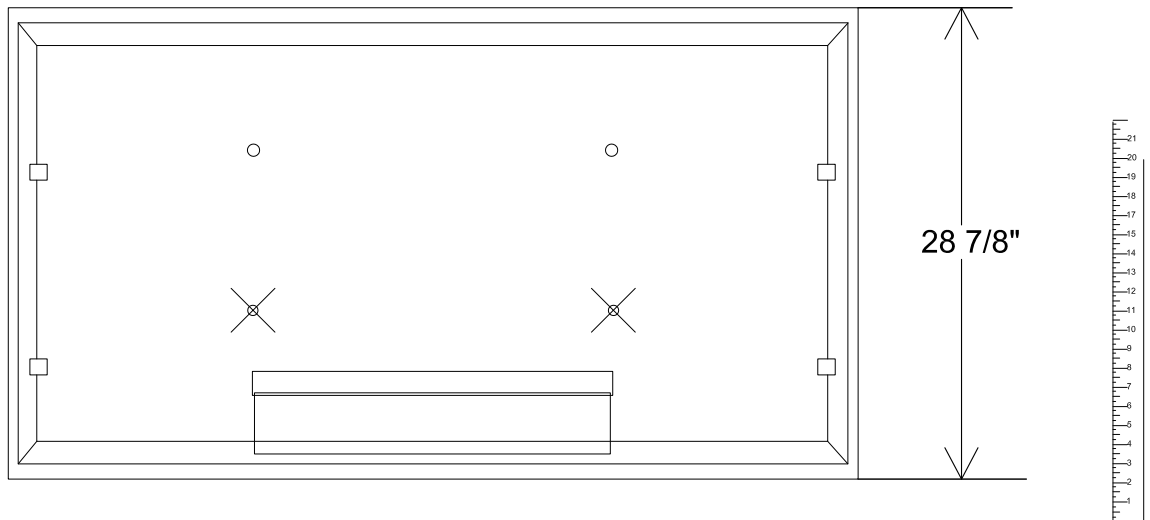


3: Mounting Your TV

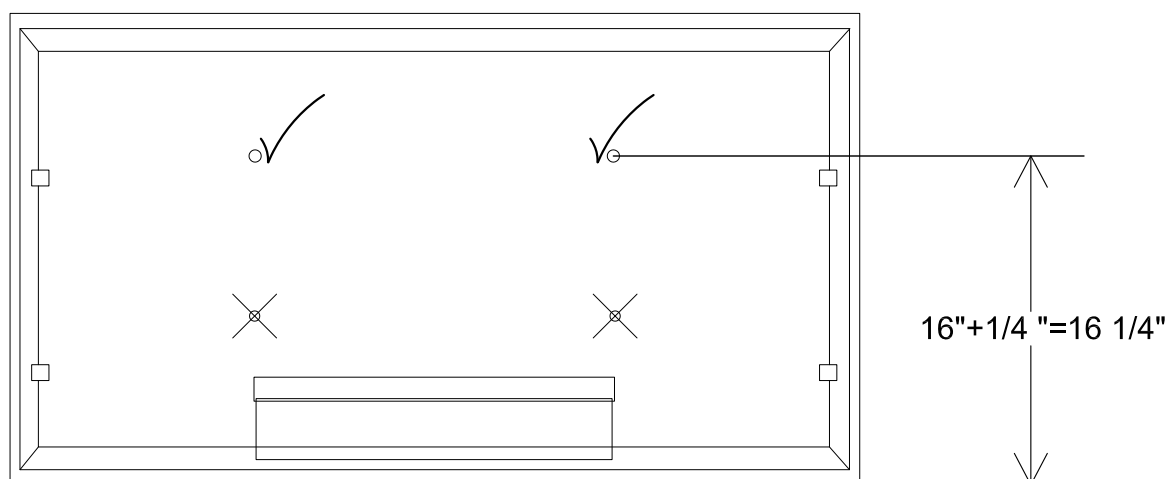
- A) Remove the stand from your TV.
- B) You will need to insert all of your cabling prior to mounting your TV. Cables such as your TV's power cable, HDMI wires, coax cable. Warning: you must neatly wire tie these cables, so they do not get caught in the machine or stuck under the machine



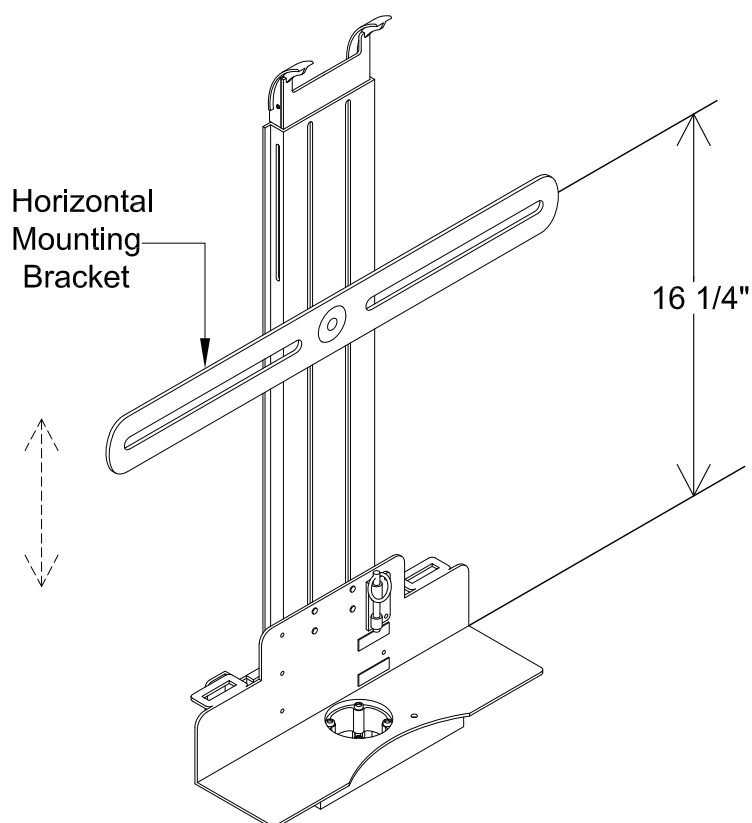
- C) Optional Step: Measure the overall height of the television without the stand. If the television height is less than the lift's maximum allowable height, adjust the vertical post accordingly. Raise the lift and loosen the four Phillips-head bolts on the rear of the vertical column. Set the vertical post to a height approximately 1/4" - 1/2" greater than the television height, then retighten the bolts.



- D) Measure the mounting height of your TV by measuring from the bottom edge of the TV to the top set of mounting holes on the back of the TV. Adjust the lift's horizontal TV mounting bracket by pushing or pulling it so that the distance from the center of the bracket slot to the padded platform matches the recorded measurement.



Example



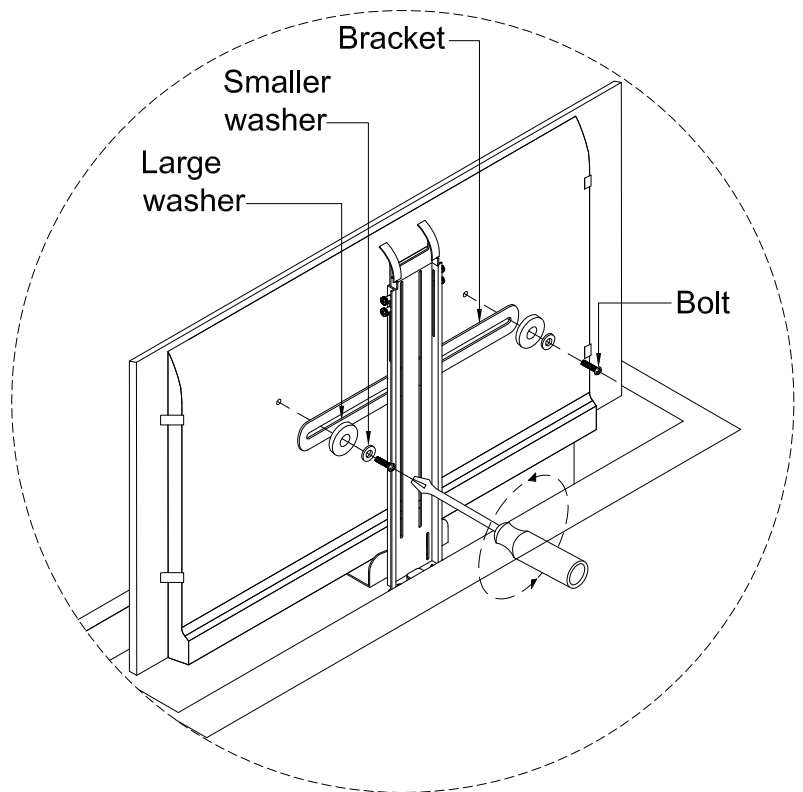
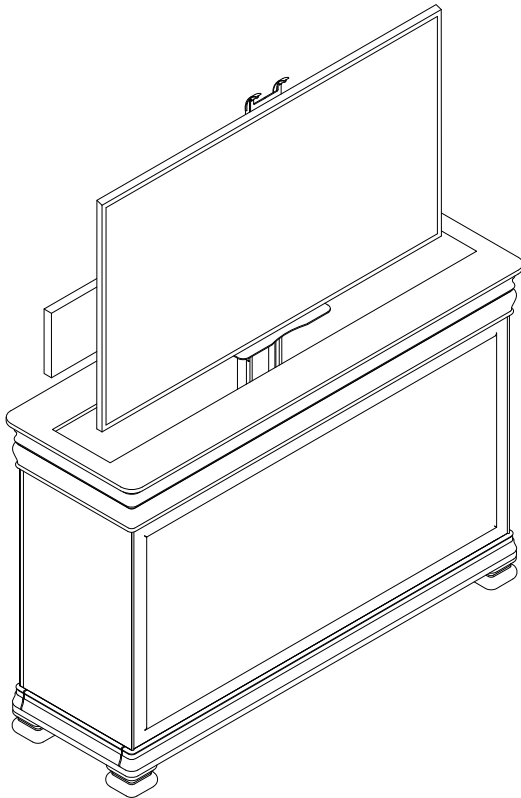
Example

- E) Using two people, place TV on platform and attach to the bracket using the supplied washers and bolts that match your TV. Use the small washer and large washer when using the smaller bolts.



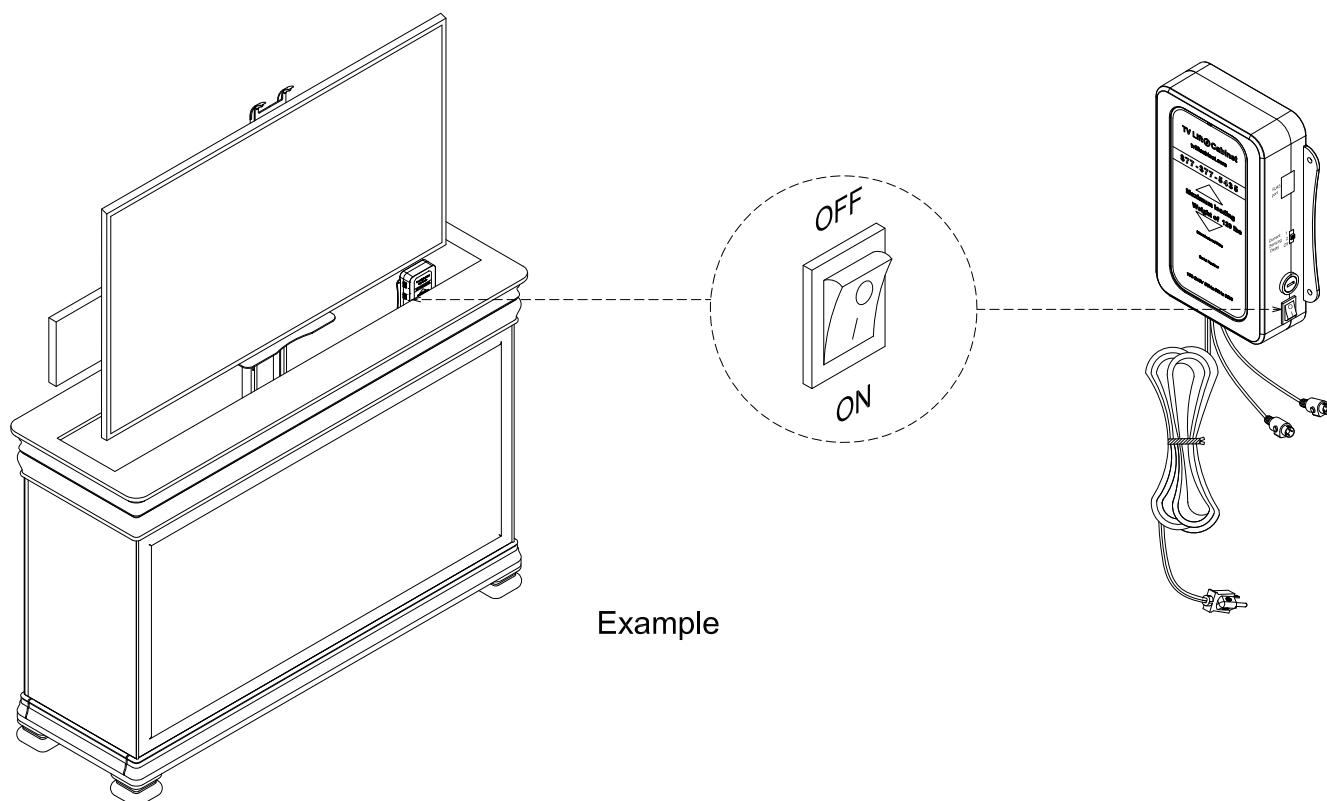
WARNING

You should not feel resistance when threading the bolts into the back of the televisions. If you feel resistance, stop immediately and call custom service: 561-417-0999



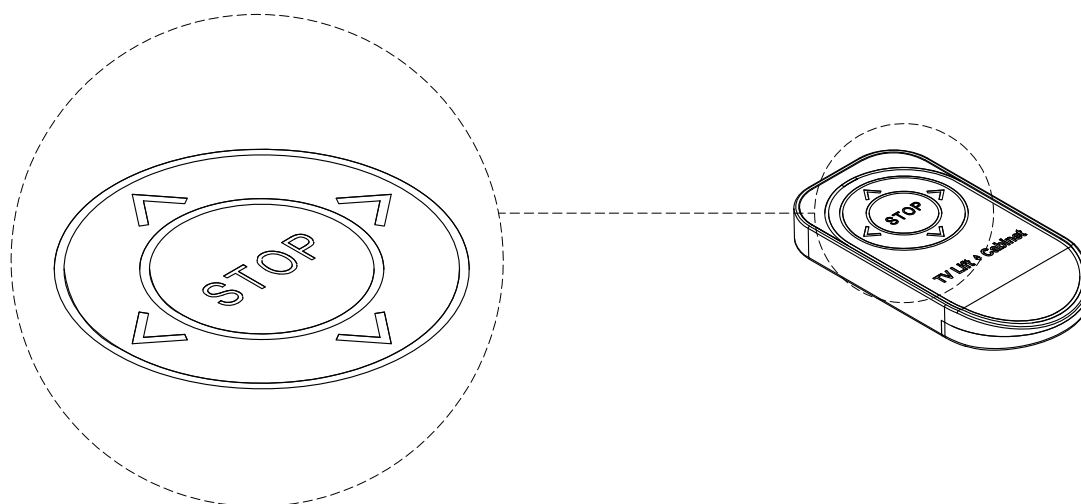
Example

F) Turn lift on by toggling manual control switch to the ON position.



Example

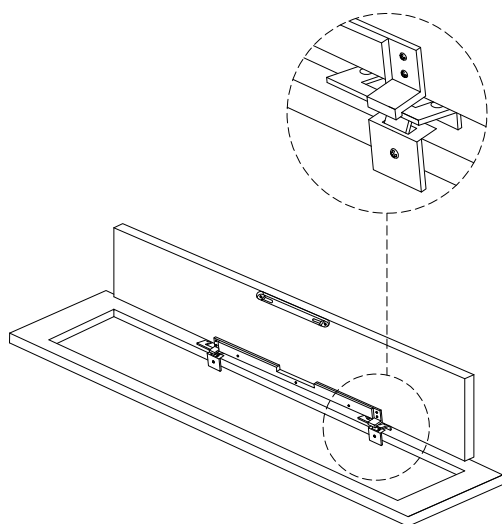
G) Using the remote control, drive the lift down into the cabinet by pushing and releasing the down button on remote control.



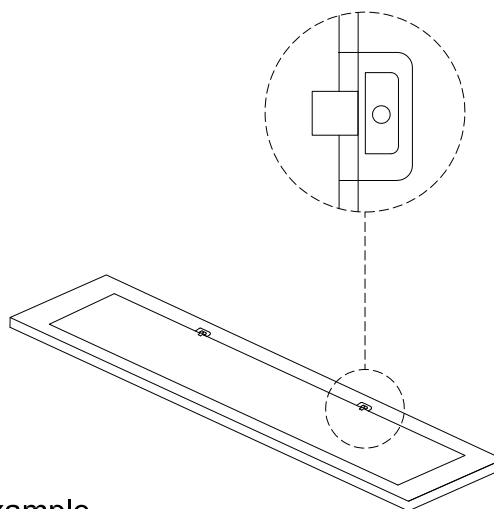
 CAUTION

Watch carefully to see that all wires and cords are not rubbing on the lift and or cabinet and that they are not being pulled. Use wire management clips as needed to keep wires from being tangled or entrapped. Watch the cabinet lid and prepare to remove it in case the lid meets an obstacle.

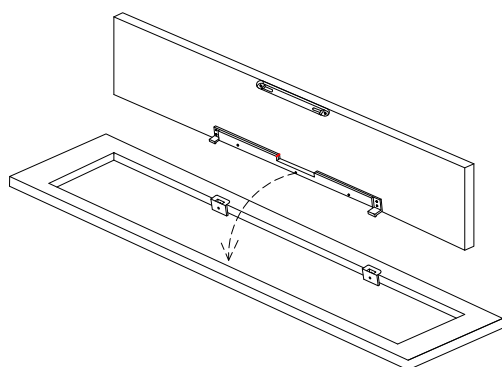
- H) Install the lid into the cabinet by carefully inserting lid pins into the cabinet cups. Gently lower the lid into the cabinet.



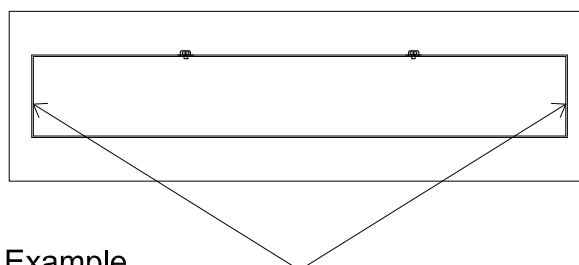
Example



- I) Center the lid in the opening left to right assuring the gapping is as per the drawing below.

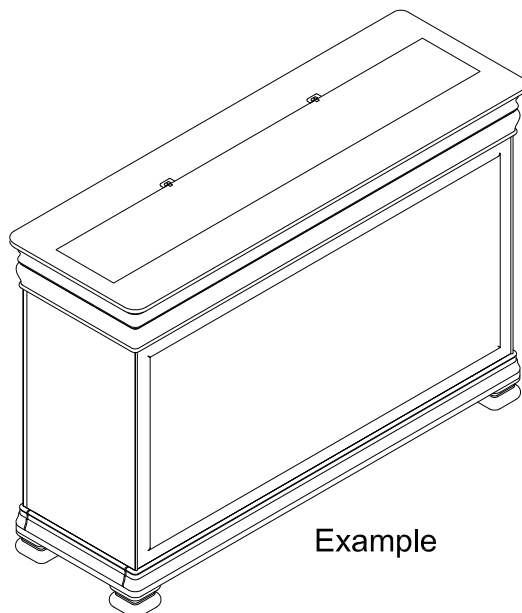


Example



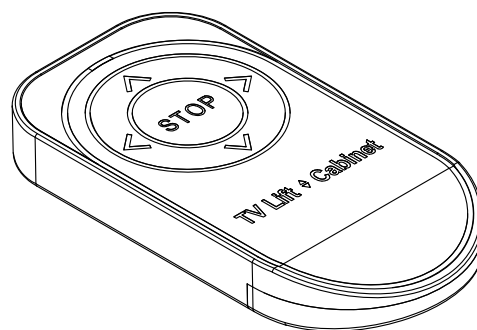
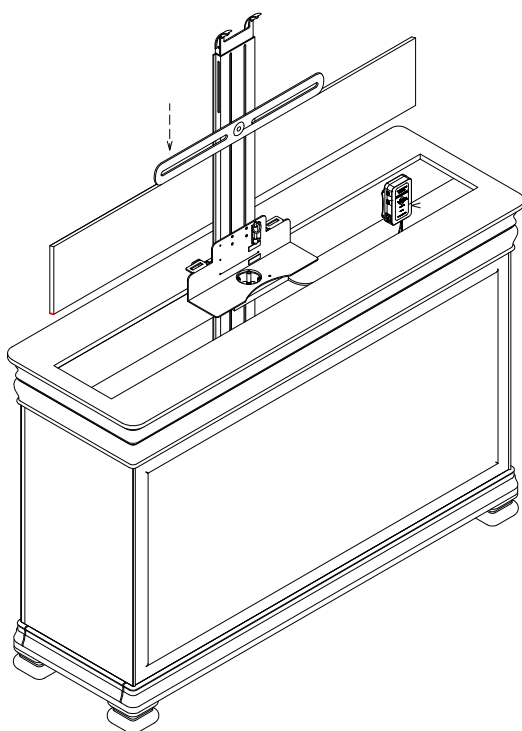
1. Both sides should be even.
2. Push the lid all the way back.

- J) Press and release the up button on the remote and be ready to support the lid should it jump of the guides.



Example

- K) If the lift successfully raises, press and release the down button. Again, make sure you prepared to support the lid in case it jumps of the guides.

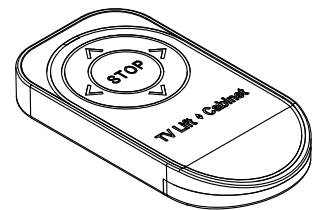


Example

4. Resynchronize you remote control if it is not communicating

If the manual up/down switches are operating your lift but the remote control is not, your remote has likely lost its connection to the lift. This can be corrected by syncing your remote with the lift as follow:

1. Drive the lift into down position.
2. Turn the lift off.
3. Leave the lift off for 60-90 seconds minimum.
4. After 60-90 seconds has expired, **press and hold the UP** button on the remote control. The light on the remote should stay on.
5. While continuing to hold the UP on the remote, **quickly** turn the lift box on.
6. After 2-5 seconds, the lift should begin moving upward.
7. Released the up button as soon as the lift start to move.
8. The remote is now synchronized with the lift.



5: Infrared System (IR)

(applies to certain models only)

Take control of the components

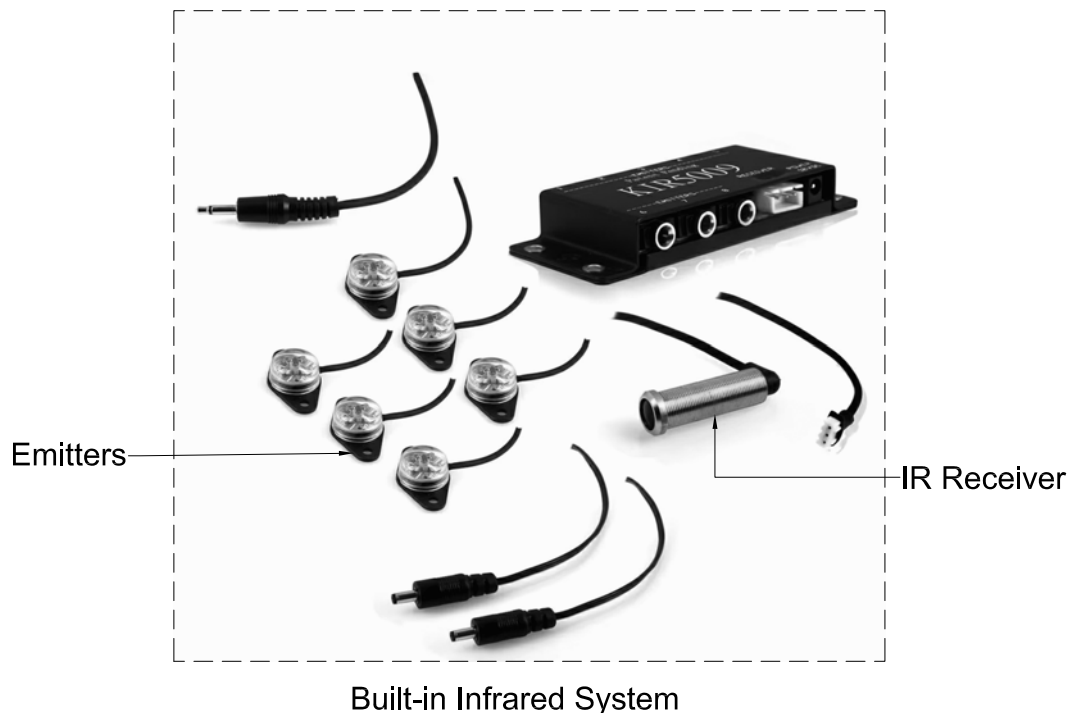
Infrared components require line of sight to operate via remote control.

The TV Lift Cabinet infrared products provide a window from your handheld remote to your components that are out of the line of sight enclosed in our cabinetry.

Our Plasma/LCD/LED friendly IR receivers are compact and blend into our furniture very well.

While many consider infrared products to be accessories, TVLiftCabinet has a different approach. We view all are products as integral parts of the overall system. Therefore, all TV Lift Cabinet IR products are pre-installed with simple connections, engineered to integrate with a vast number of products and designed to perform with exceptional reliability.

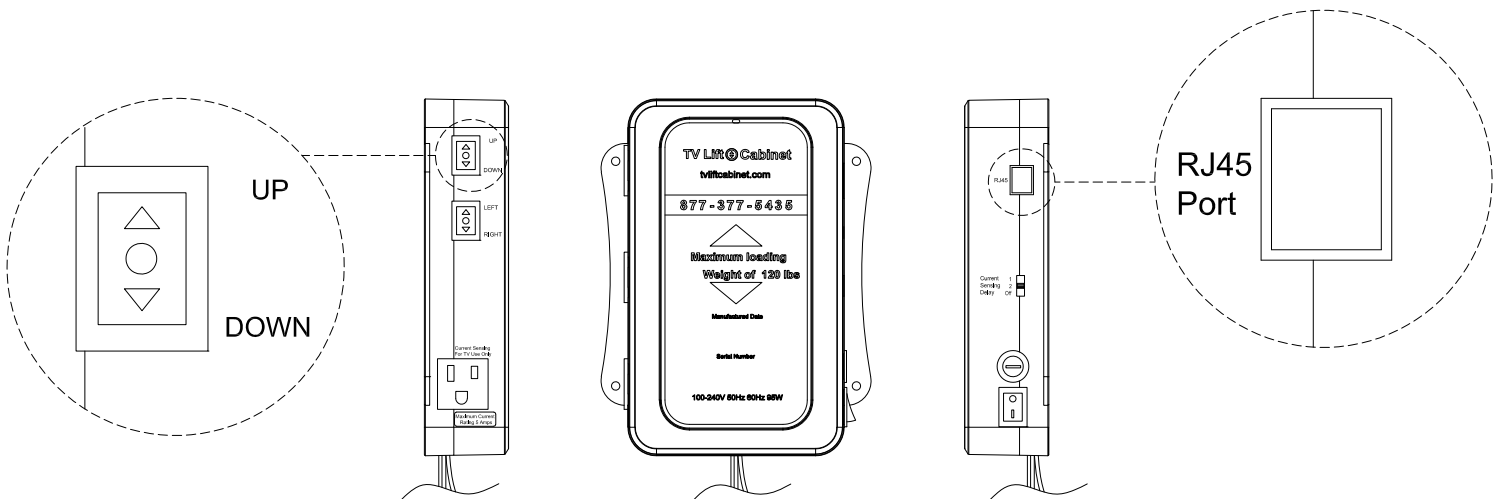
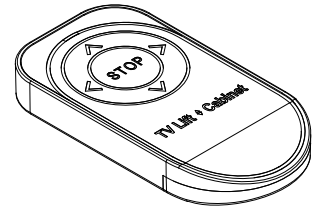
Simply install your components on shelves that contain an emitter (equipment must be 1" or more behind the emitter) and you will have full control of that equipment from behind closed doors.



*Works of 99% of all Equipment Built-in

6: Five methods to control your lift

- 1) Using the current sensing outlet. Simply plug your TV into the outlet and the ON/OFF function of your TV will trigger the lift up/down.
- 2) Using the included radio frequency remote control.
- 3) Using the built-in UP/DOWN switch on the control box.
- 4) Using the built-in RJ45 Port.



- 5) Downloading our Apple or Android.

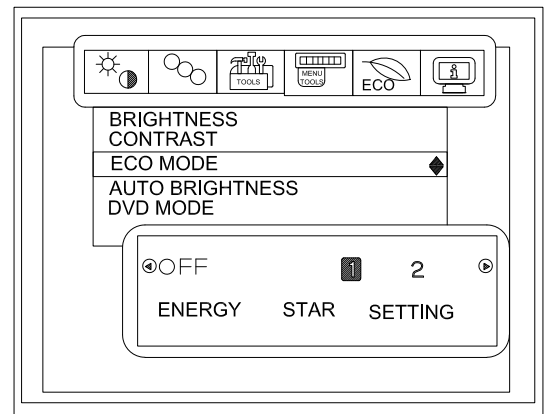
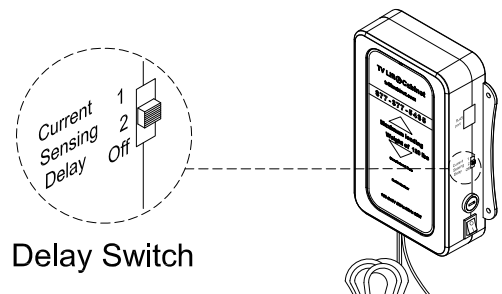


7: Troubleshooting the current sensing outlet

If your TV is not currently compatible with the lift, it tends to make the lift go up/down when you do not want it to. Most of televisions are programmed / set to enter a low-power mode (eco settings). Sometimes it is necessary to deactivate these settings on the TV to allow it to communicate properly with the lift.

Troubleshooting steps:

1. Make sure your TV is plugged into the current sensing outlet on the control box. If any other equipment is plugged into that outlet, it will cause unwanted lift movement. Move to step 2 if problem persists.
2. Adjust the delay switch on the control box to position 2. Move to step 3 if the problem persist.
3. Turn off your energy star settings. Move to step 4 if the problem persists.
4. If # 2 does not work, change your display settings between high, medium, and low to see which allows the TV and the lift work properly together. Move to step 5 if the problem persists.
5. If all the above did not work, you need to move the delay switch to the off position.

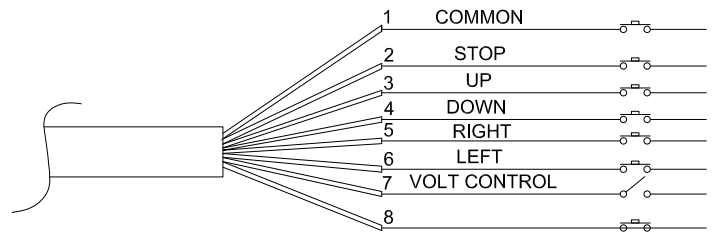
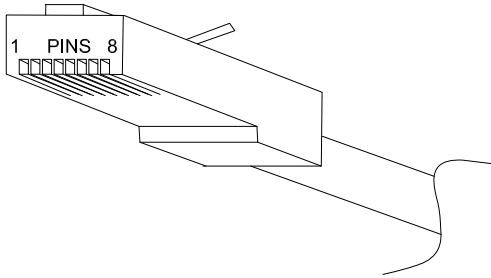


Please call us 561-417-0999 if you require farther assistance

8: RJ45 PIN OUT

(For 3rd Party Control Example:Crestron,Control 4)

RJ45 PIN LAYOUT



PIN	DESCRIPTION	ACTION
1	COMMON	Common, Power Ground
2	STOP	Short-circuit or open-circuit to the power ground control the lift to STOP.
3	UP	Short-circuit or open-circuit to the power ground control the lift to UP.
4	DOWN	Short-circuit or open-circuit to the power ground control the lift to DOWN.
5	RIGHT	Short-circuit or open-circuit to the power ground control the lift to RIGHT.
6	LEFT	Short-circuit or open-circuit to the power ground control the lift to LEFT.
7	VOLT CONTROL	Short-circuit to the power ground control the lift to UP, Open-circuit to the power ground control the lift to DOWN.

WIRE CABLE TYPE			
G	W	O	W
G		O	
O	W	G	W
B		B	
B	W	B	W
O		G	
BR	W	BR	W
BR		BR	