Copernicus educational products

Assembly Guide
IFP550 2021 D

Check out our other products online at www.copernicused.com

WARNING !
- This product is meant to be assembled by an adult.
- In its unassembled state, small parts present a hazard.
- To be used under direct supervision of an adult.

*Shown with SMART MX265 Flat Panel (sold separately)

Assembly Guide
IFP550 2021 D

Check out our other products online at www.copernicused.com

For assistance, please contact us:

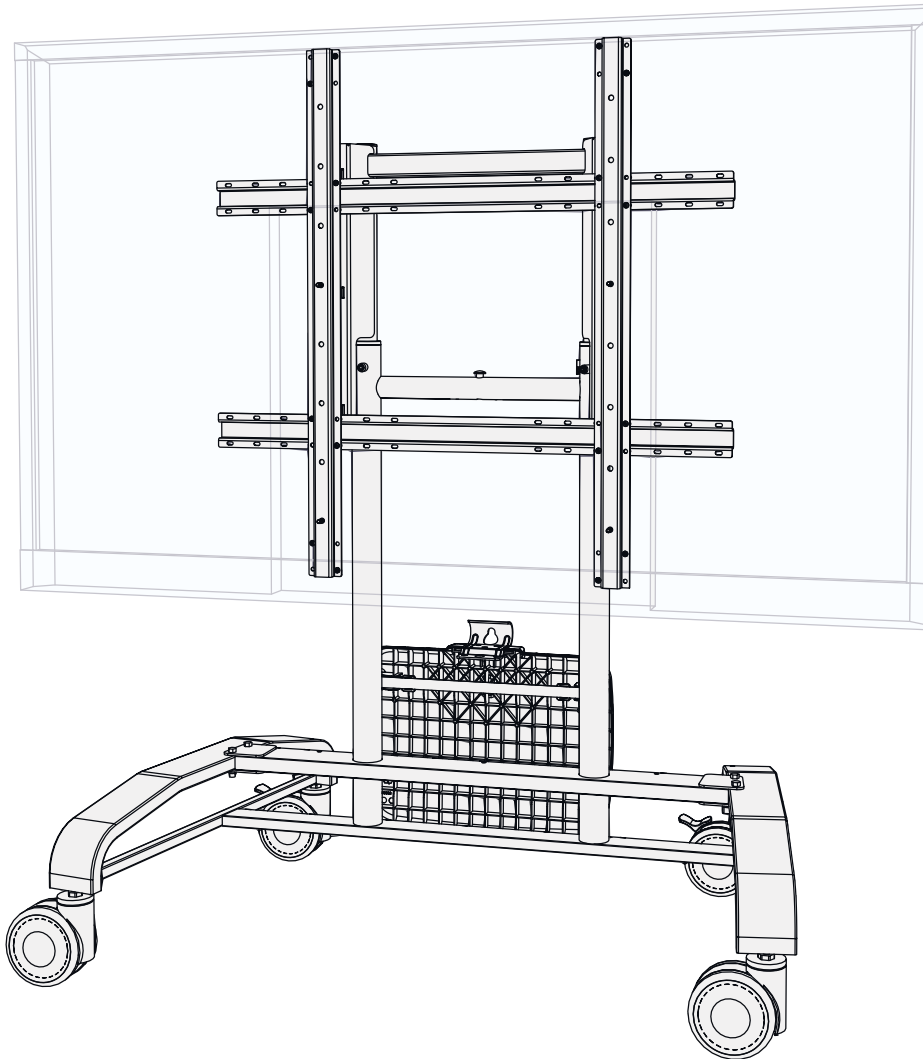## 1-800-267-8494

Email info@copernicused.com
Have your packing slip ready for reference

Copernicus
educational products

Dear Educator,

Thank you for purchasing the iRover2™ Base Model for Interactive Flat Panels. We hope it meets all your expectations and you and your students enjoy using it at your school.

If you have any questions, concerns or ideas on how we can improve please let us know by contacting our Customer Solutions Ninjas at 1-800-267-8494 or info@copernicused.com.

Happy teaching,

Kaylyn Belcourt-McCabe
President

We do not inherit the earth from our ancestors, we borrow it from our children.

NORTH AMERICAN PROVERB

Change is the end result of all true learning.

LEO BUSCAGLIA

What you leave behind is not what is engraved in stone monuments, but what is woven into the lives of others.

PERICLES

Education is the most powerful weapon which you can use to change the world.

NELSON MANDELA

Lifetime
Warranty

Validate Your Warranty

To validate your warranty, submit the ON-LINE form at **www.copernicused.com**
Enter a drawing to win a Copernicus Product for your classroom at the same time!

⚠ Warning! Hazard Risks!

Please read the warnings below for important safety information regarding your product. Failure to read these warnings or to follow the instructions below could result in personal injury or damage to your product that could void your warranty.

Small Parts

In its unassembled state, this product contains parts that can be hazardous to small children. This product should be assembled by an adult.

Adult Supervision

This product is to be used under the supervision of an adult.

Indoor Use Only

This product is intended for indoor use only. To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The internal components are not sealed from the environment.

Power Strip Specifications

Read your power strip electrical specifications. Only plug in devices that are approved for use with this power strip. Connect the supplied power strip directly to a wall outlet. **Do not connect to another power strip or use an extension cord.** Unplug when not in use. **Do not leave this product plugged in for more than 72 consecutive hours.** Turn off power strip before unplugging.
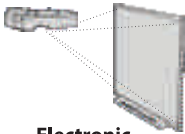
Electronic Equipment

Read the electrical specifications of any electronic equipment you are using with your Copernicus products. Failure to read these specifications and follow their instructions could result in damage to your equipment or personal injury.

Cable Trip Hazard

Ensure that any cables extending across the floor to your product are properly bundled and marked to avoid tripping or falling which may lead to personal injury.

Electrical Shock

Do not install or use the electrical components of this unit during a lightning storm.

Climb Hazard

Do not climb on, hang from or suspend objects from any components of your product unless otherwise specified.

iRover2™ Base Model for Interactive Flat Panels

Before beginning, you should have:

Additional tools required:

Adjustable wrench (2x)

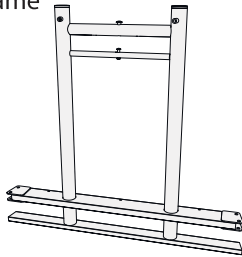**OR**

7/16" Wrench (2x)
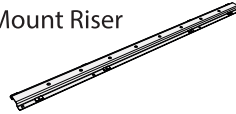9/16" Wrench (2x)

+

Screwdriver
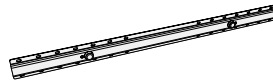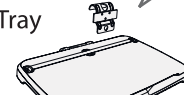Phillips #2 or #3

Contents IFP550-0

Base Frame
1x
(51102)

Flat Panel Mount Riser
2x
(33149)

Flat Panel Mount Stretcher
2x
(33148)

P — M5 x 16mm Screw **3x**

Q — M5 Square Nut **3x**
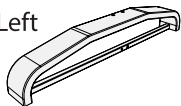
*Laptop Tray and hardware packaged together

Laptop Tray
1x
(320832)

20 lbs Weight Limit

>>> Hardware Inside This Box <<<

Contents IFP550-1

Mounting Frame
1x
(33157)
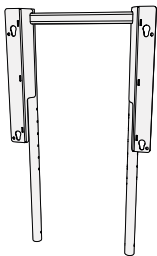
Base Foot Left
1x
(33188L)

Base Foot Right
1x
(33188R)
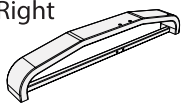
5" Caster
2x
(410066)
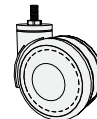
5" Locking Caster
2x
(410065)
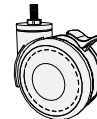
Hardware shown on next page

Before beginning, you should have:

Hardware:

(A) M6 x 80mm Bolt
2x
(432210)
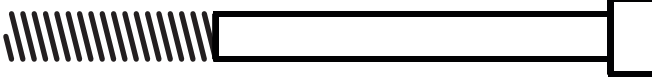
(B) 3/8" x 1-3/4" Bolt
4x
(430204)

(C) 1/4" x 1-1/2" Screw
4x
(43006)

(D) 1/4" x 3/4" Screw
4x
(4300510)

(F) #10-24 x 1/2" Self Tapping Screw
8x
(4302012)

(G) 3/8" Lock Nut
4x
(430122)

(H) #10-24" Lock Washer
8x
(4301002)

(I) 1/4" Lock Washer
14x
(43010)

(J) 5/16" Lock Washer
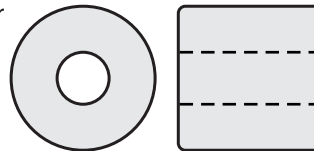**4x**
(43025)

(K) 1/2" Lock Washer
4x
(43010211)
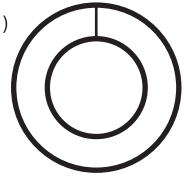
Allen Key 5mm (not to scale)
1x
(432811)

Caster Wrench (not to scale)
1x
(32095S)
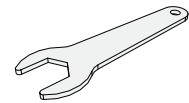
Metric hardware for VESA Mounting

(L) M6 x 15mm
4x
(432151)

(M) M6 x 20mm
4x
(43222)

(N) M8 x 15mm
4x
(432764)

(O) M8 x 25mm
4x
(432765)

(P) M8 x 40mm
4x
(432762)

(Q) 3/4" Spacer
4x
(4303141)

Tips for Assembly

Watch for These Helpful Symbols

This symbol denotes a 2- Person Task. For safety, please ensure that there are the suggested number of people working on steps displaying this symbol.

2-Person Task

Watch for this symbol throughout the Assembly Guide. Wherever you see it, pay close attention. The symbol denotes a step needing extra attention to ensure it is done correctly.

The star symbol highlights an advisory note.

Before You Begin

● Lay out and identify all of the included parts.

● Read the assembly guide over once to familiarize yourself with them.

! Please note that in its unassembled state, this product contains parts that can be hazardous to small children. This product should be assembled by an adult.

As You Assemble the Unit

● Follow the steps in sequence.

● Before beginning each step, find the part(s) that you need for that step.

● Pay attention to the labels on the parts; they are there to help direct you at certain stages.

● The title of each step states what you will be doing. Review the text and the pictures as you build the unit.

Customer Service - FAQ's

For missing parts and other issues regarding the frame:
Please call Copernicus Customer Service, where we will be happy to help.
1-800-267-8494. Monday - Friday 8:00am - 4:30 pm EST.
OR
Email our Tech Support Service at vanessa@copernicused.com

My Flat Panel isn't working, who should I call?
Please call the reseller that you bought the product from first
(reseller information can be found on your packing slip).
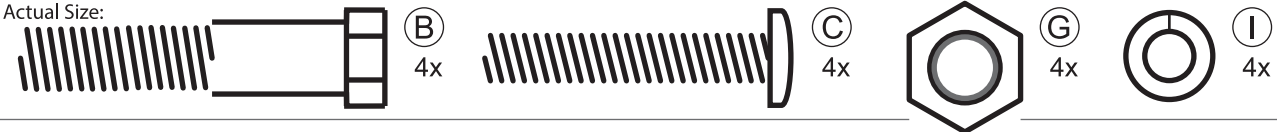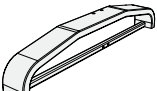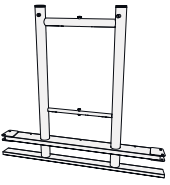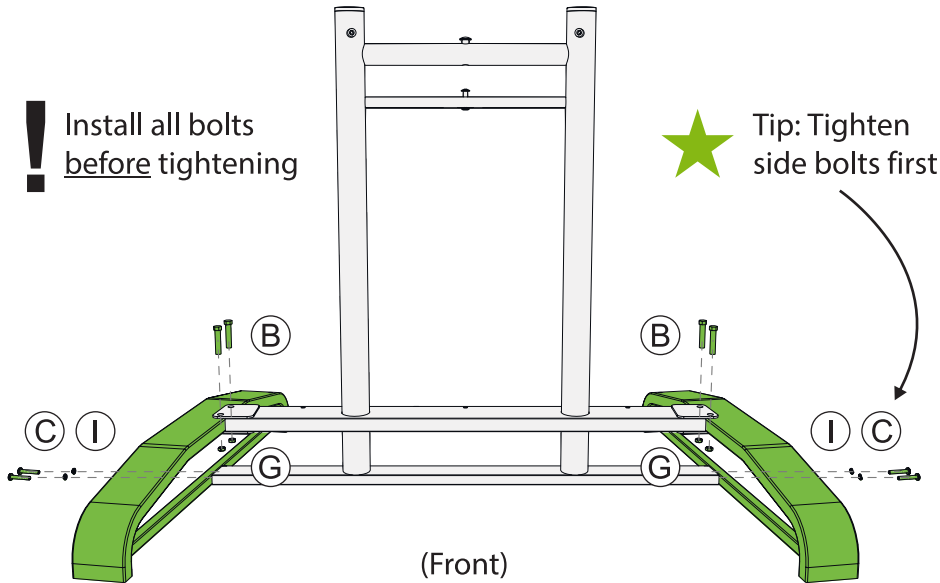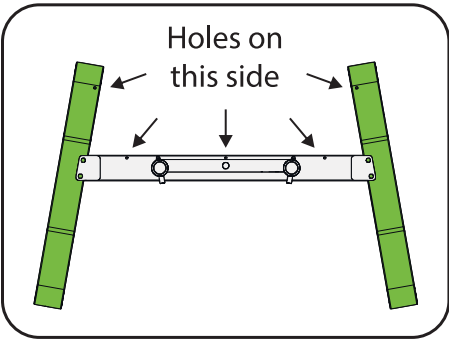
Need Tech Support?
Have a Question?

Email our Tech Support Service

Check out some of our other great products!

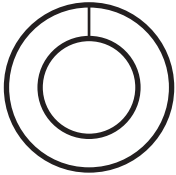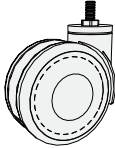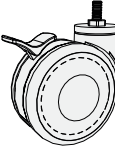*www.copernicused.com*

1
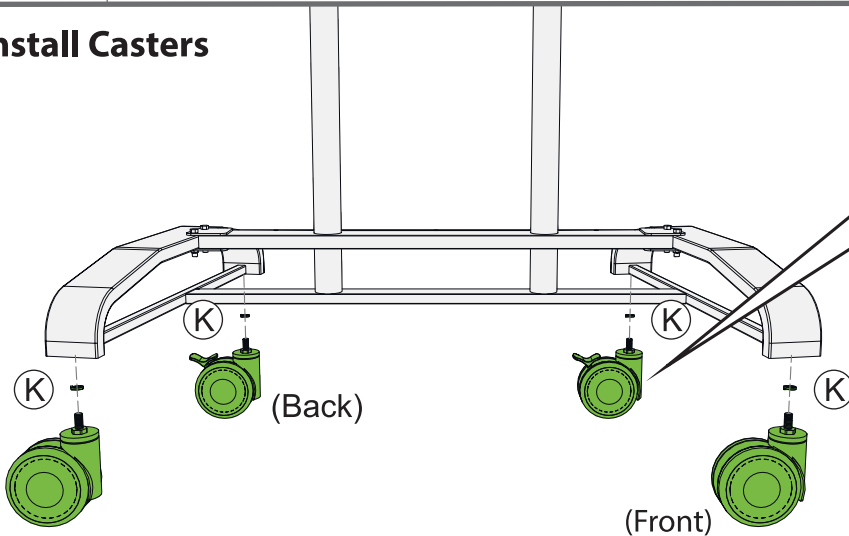
Actual Size:

Ⓑ 4x   Ⓒ 4x   Ⓖ 4x   Ⓘ 4x

2-Person Task

You will need: (Not to Scale)

Base Foot Left
1x

Base Foot Right
1x

Base Frame
1x

Screwdriver
Phillips #2 or #3

Adjustable wrench (2x)

OR

9/16" Wrench (2x)

Assemble Base Frame

Holes on this side

! Install all bolts <u>before</u> tightening

★ Tip: Tighten side bolts first

Ⓑ   Ⓑ

Ⓒ Ⓘ   Ⓘ Ⓒ

Ⓖ   Ⓖ

(Front)

2

Actual Size:

Ⓚ 4x

2-Person Task

You will need: (Not to Scale)

5" Caster
2x

5" Locking Caster
2x

Caster Wrench
1x

Install Casters

! Install locking casters on back of unit.

Tighten using supplied Caster Wrench.

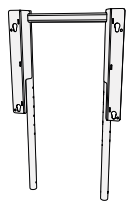! Keep wrench with unit. Casters must be tightened every 6 months for proper maintenance.

Ⓚ   Ⓚ

Ⓚ (Back)   Ⓚ

(Front)

3

Actual Size:

A 2x
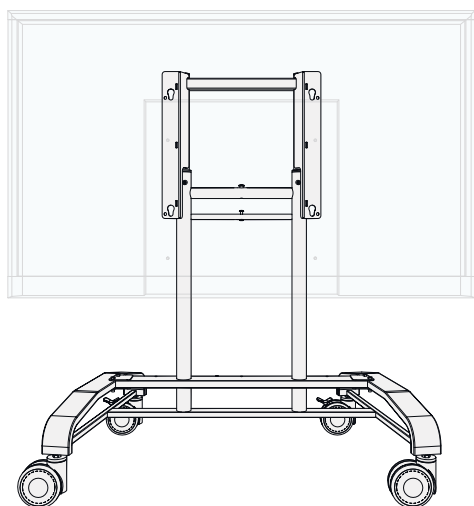
I 2x

You will need: (Not to Scale)

Mounting Frame
1x

Allen Key 5mm
1x

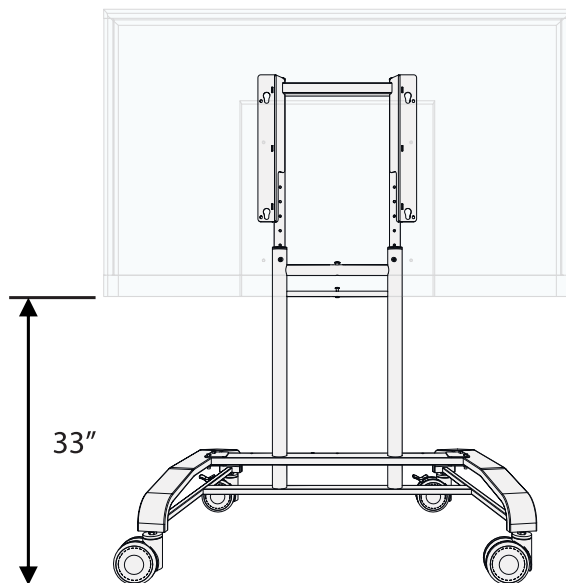# Installing Mounting Frame

A Choose Flat Panel Height

Highest Position
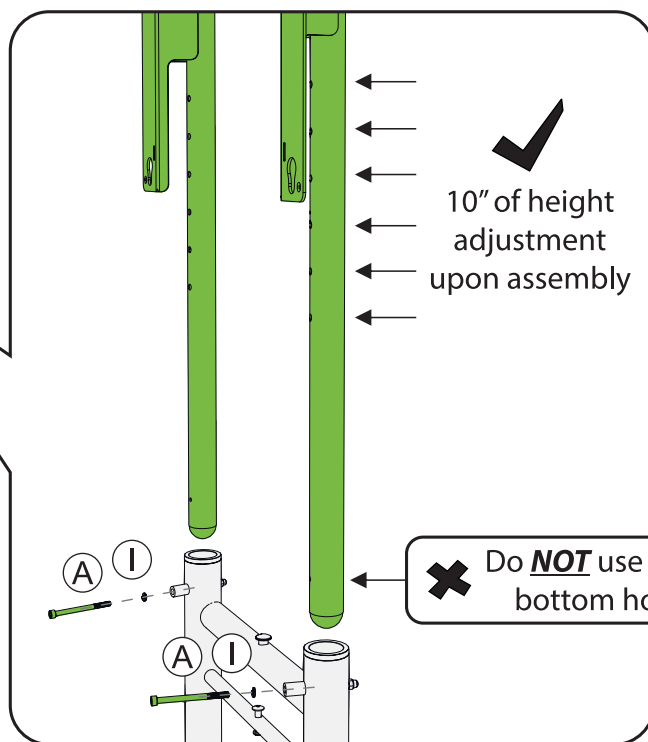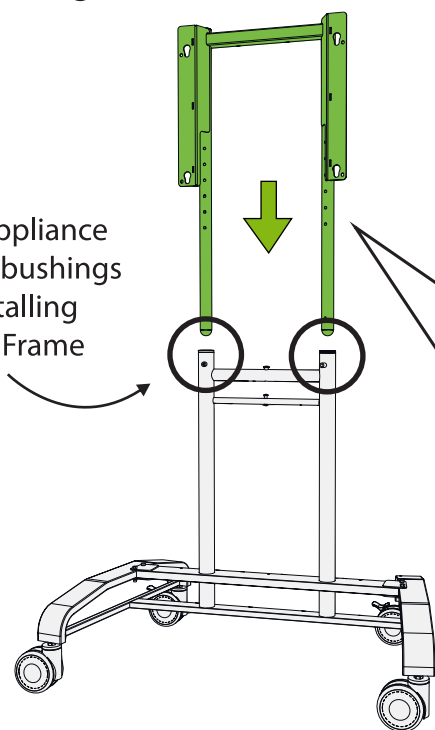
Lowest Position

10"

23"

33"

Shown with SMART MX265 Flat Panel installed.
Measurements are approximate and will vary depending on your flat panel.

B Secure Mounting Frame

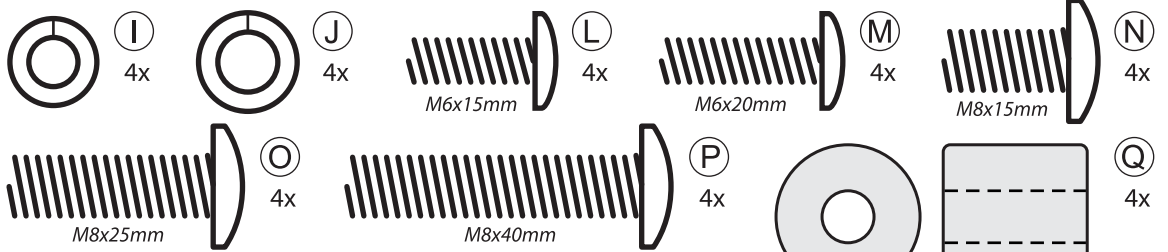**!** Remove appliance tape from bushings before installing Mounting Frame

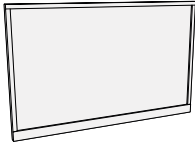✔ 10" of height adjustment upon assembly

A I

A I

✖ Do **NOT** use these bottom holes

4

Actual Size:

I — 4x

J — 4x

L — 4x — *M6x15mm*

M — 4x — *M6x20mm*

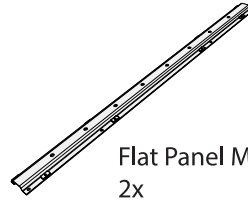N — 4x — *M8x15mm*

O — 4x — *M8x25mm*

P — 4x — *M8x40mm*

Q — 4x

You will need: (Not to Scale)

Compatible flat panel (sold separately) 1x

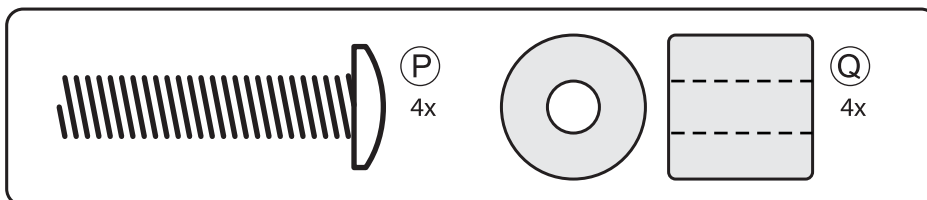Flat Panel Mount Riser 2x

Screwdriver — Phillips #2 or #3

Attaching Your Flat Panel Mount Risers

! Check your flat panel owners manual to determine correct VESA screw size and torque specifications to avoid causing damage to your flat panel.
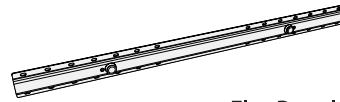
(Showing SMART MX265 Flat Panel)

Center Risers Vertically on Flat Panel

I or J
(4x)

L or M or N or O or P
(4x)
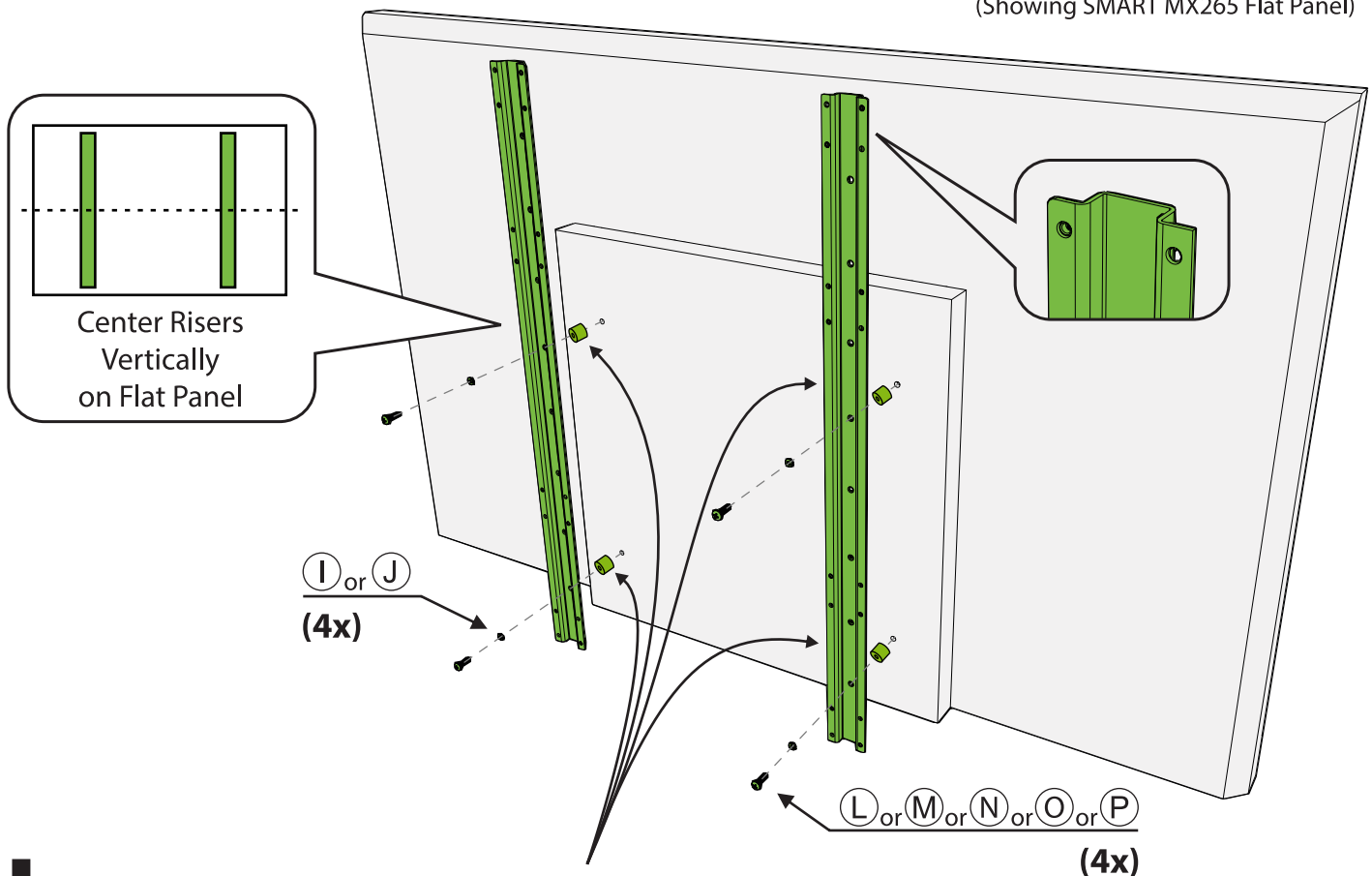
! For TVs without a flat back (Ex. Promethean) use the provided 3/4" spacers and longer screws. Install spacers <u>between mount and TV</u>.

P — 4x

Q — 4x

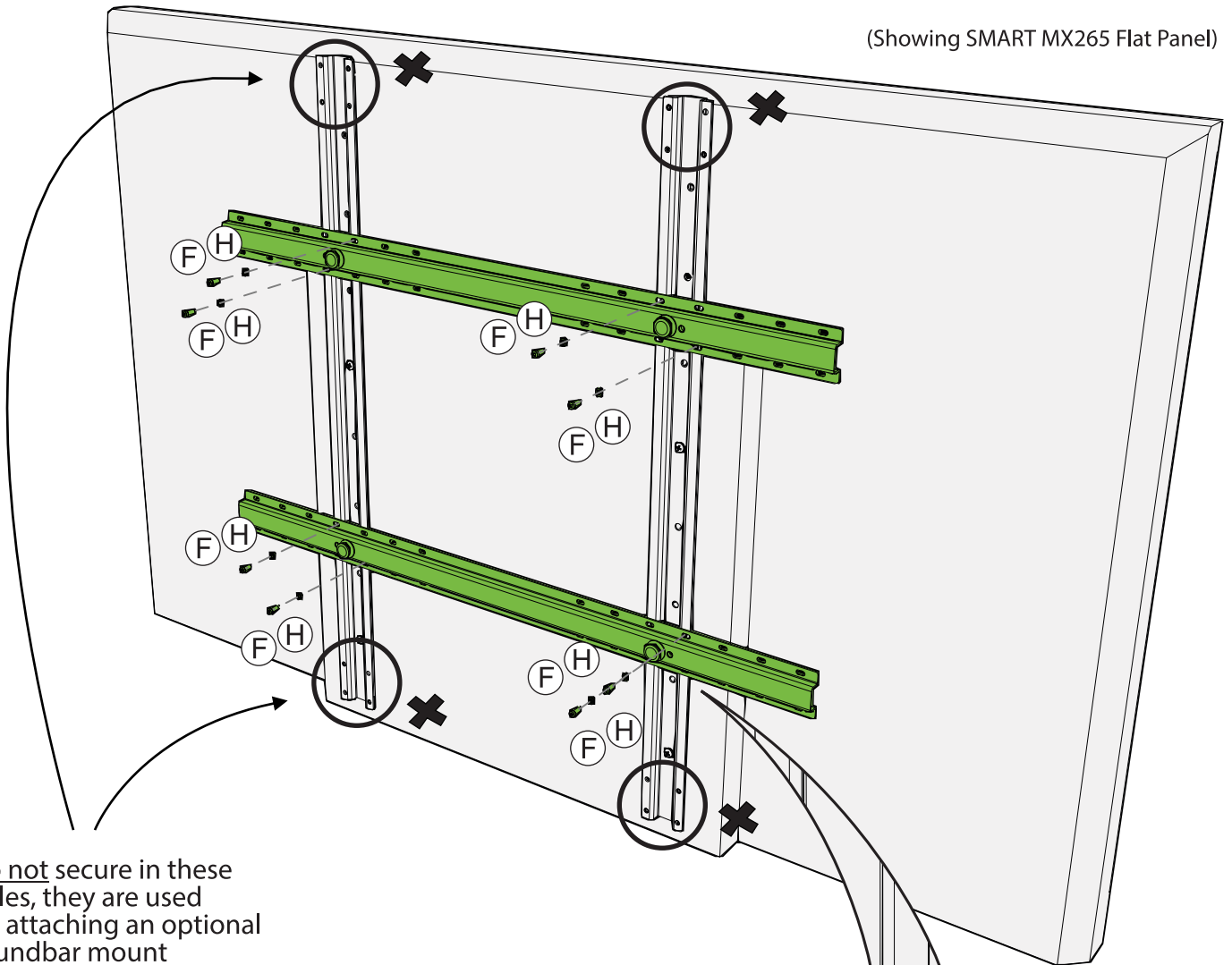|	Actual Size:				
5		⌇⌇⌇⌇⌇▷	**F** 8x	◎	**H** 8x

You will need: (Not to Scale)

Screwdriver
⊕ Phillips #2 or #3
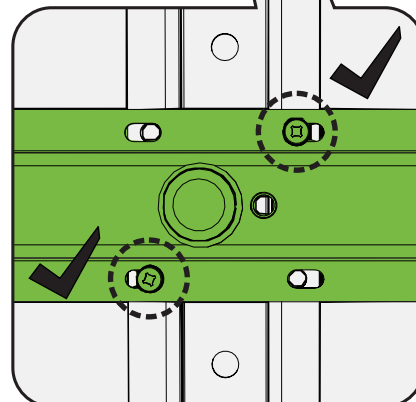
Flat Panel Mount Stretcher
2x

Install Flat Panel Mount Stretchers

(Showing SMART MX265 Flat Panel)

! ▪ Do not secure in these holes, they are used for attaching an optional soundbar mount

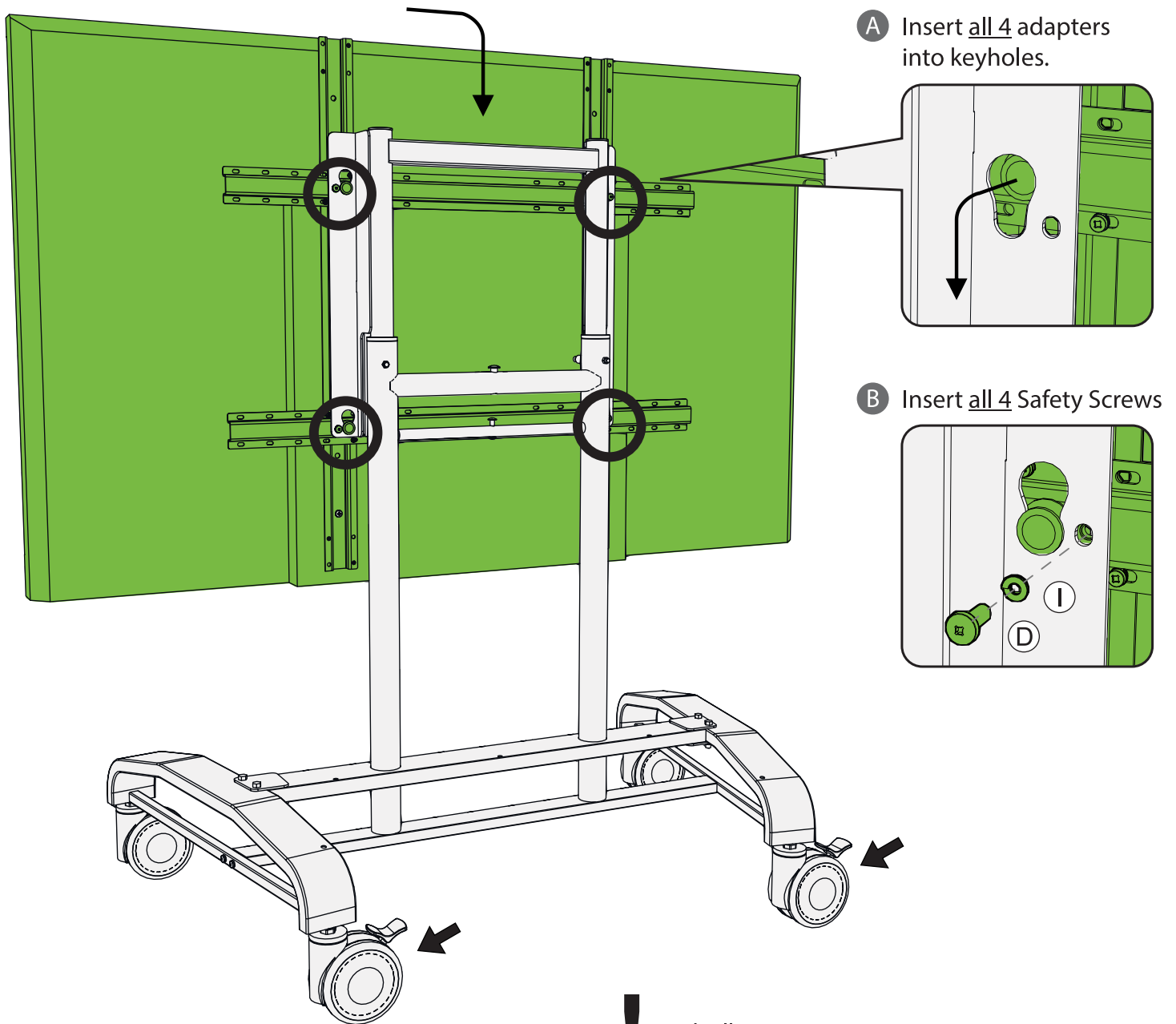**!** ▪ Install screws in holes with threads, only 2 of 4 holes will have threads

6	Actual Size:	⟨D⟩ 4x	⟨I⟩ 4x

You will need: (Not to Scale)

Screwdriver
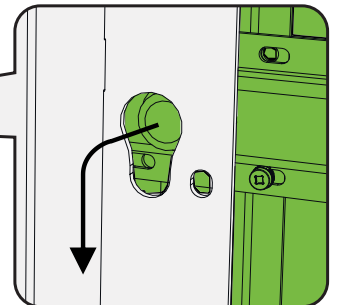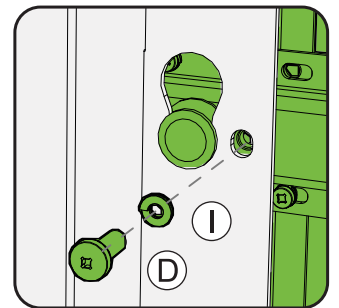⊕ Phillips #2 or #3

2-Person Task

Secure Flat Panel To Cart

A Insert <u>all 4</u> adapters into keyholes.

B Insert <u>all 4</u> Safety Screws
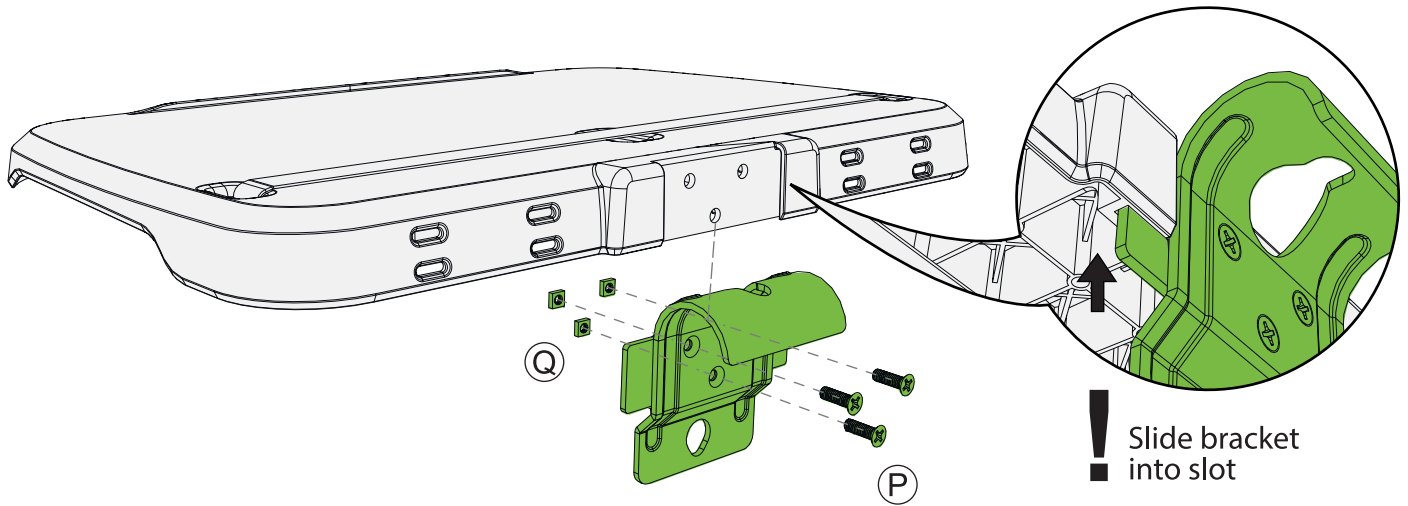
! Lock all casters before attaching flat panel to cart

| **7** | Actual Size: | | P 3x | Q 3x |

You will need: (Not to Scale)
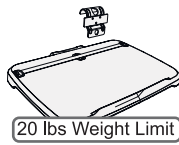
20 lbs Weight Limit

Laptop Tray
1x

Assemble Laptop Tray

Q

P

! Slide bracket into slot

| **8** | Actual Size: |

You will need: (Not to Scale)

20 lbs Weight Limit

Laptop Tray
1x

Securing Your Device

*Laptop not included
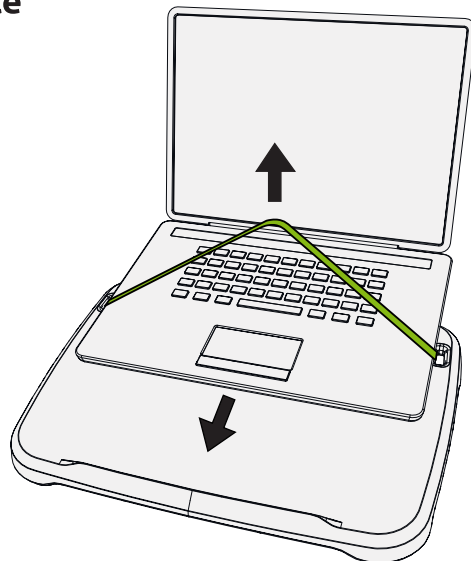
1 Lift up strap

2 Slide in your device

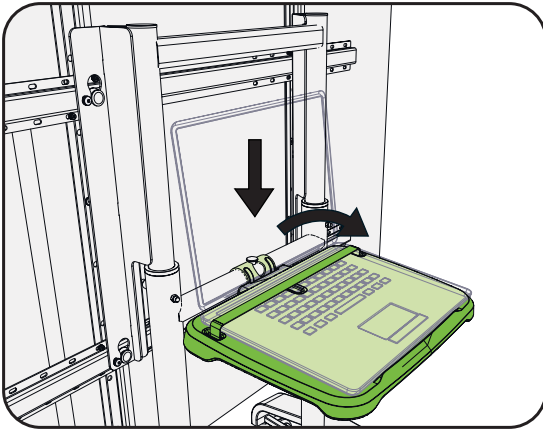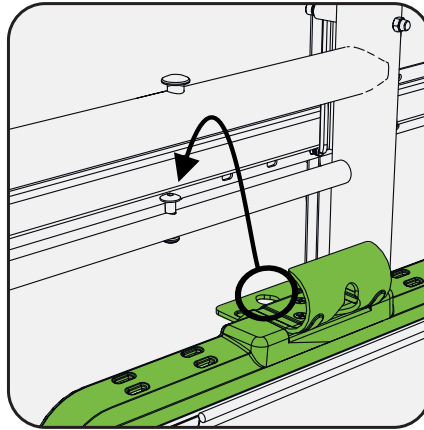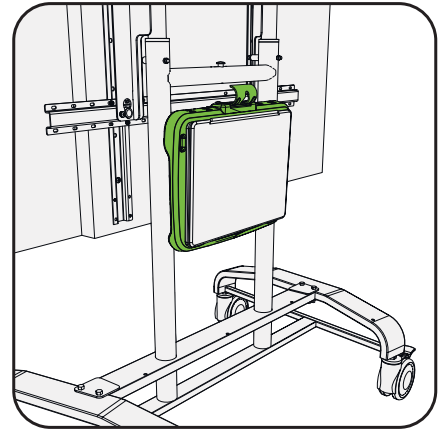| 9	Actual Size:
	You will need: (Not to Scale) 20 lbs Weight Limit Laptop Tray 1x

Attaching Laptop Tray To Cart

In-use Position on
Back of Cart

Stored Position on
Back of Cart

10	Actual Size:
	You will need: (Not to Scale) Adjustable wrench (2x) Screwdriver **+** **OR** **+** ⊕ Phillips #2 or #3 7/16" Wrench (2x) Caster Wrench 9/16" Wrench (2x) 1x
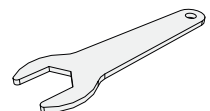
Final Assembly Checks

Check entire assembly for loose parts; tighten all casters, bolts, screws and nuts

> **!** Tighten all casters using supplied Caster Wrench.
>
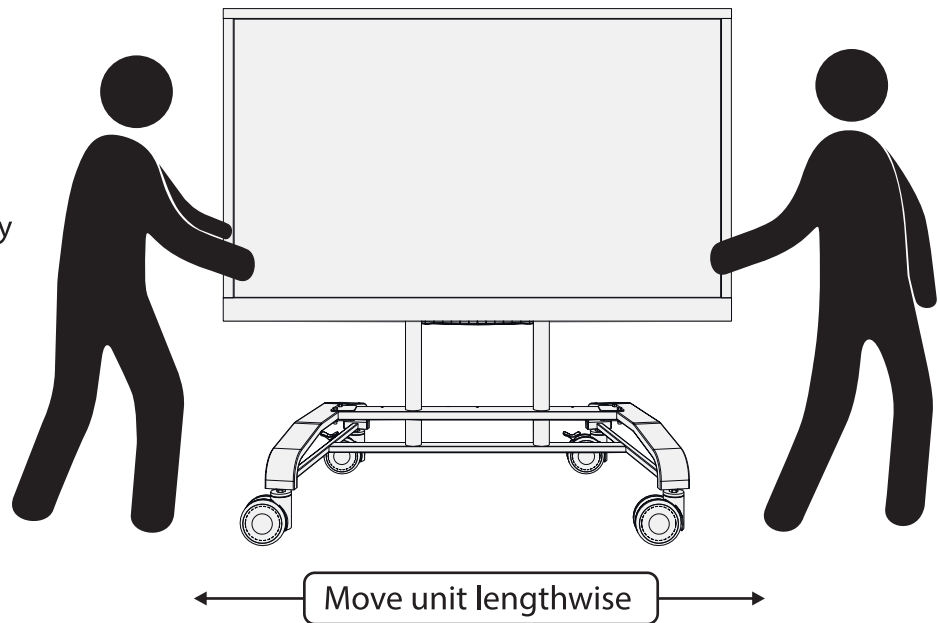> Keep wrench with unit. Casters must be tightened every 6 months for proper maintenance.

⚠️ Moving Your Flat Panel Cart

Always move with two people.

To transport unit: Always turn off and unplug the flat panel screen before moving.

! Stow away laptop tray
before moving

Move unit lengthwise

Moving Through Door

When moving your **iRover² Interactive Flat Panel Cart Fixed Height** through a door ensure that the unit is shorter than the height of the door.

1

Must be lower than doorway

2