

Mount'n Mover

by BlueSky Designs

Download our catalog at: mountnmover.com/catalog

The Mount'n Mover wheelchair mounting system

Move it easily and independently!

no tools required



WELCOME TO THE MOUNT'N MOVER COMMUNITY!

BlueSky Designs is proud to bring you its unique mounting solution. Our Mount is manufactured in the US by the same team that designed it with the input of therapists, people with disabilities and their families.

Mount'n Mover's ergonomic controls make adjustments easy. With its simple setup and memory lock positions; your Mount'n Mover will consistently lock in, move, and return to, any position that works for you. Its features include:

- Solid, secure mounting
- One-handed operation
- A Low effort, easy access levers to unlock and reposition
- A Quick and easy tilt adjustment, without tools
- △ Customizable lock positions—24 possibilities per joint
- A Quick device change out

Take a minute to review the materials and parts included with your Mount'n Mover. We've included a manual to show how to operate and set up the Mount'n Mover. For up-to-date specific attachment instructions, check out our website: www.mountnmover.com. We have an array of informational videos, step-by-step instructions and diagrams on the Support section of our site.

Our friendly staff is available for tech support and questions by email (info@blueskydesigns.us), phone 612-724-7002 or 1-888-724-7002 (US toll-free) and Skype (mountnmover).

Once you've installed the Mount'n Mover, please take time to connect with our community of users on our Facebook site. Our enthusiastic users can also offer helpful hints and suggestions.

Available since 2008, the Mount'n Mover began as a custom design for a teenager who needed to communicate and use her computer at the same time. This practical request produced a rudimentary movable mount which—coupled with Dianne's years of custom rehab engineering experience—became the precursor to the Mount'n Mover product which launched 10 years later.

Our goal is to provide a flexible and customizable solution to make it easier for you to do what you want to do. If you think there's something we could do to make it even better, let us know!

Thank you for choosing the Mount'n Mover,

The BlueSky Team

BlueSky Designs, Inc.2637 27th Ave South Suite 209 Minneapolis, MN 55406
p: 612.724.7002 toll-free US: 888.724.7002
f: 612.724.7004 toll-free fax US: 888.311.4435

e: info@blueskydesigns.us www.mountnmover.com www.blueskydesigns.us

HELPFUL TOOLS:



1. THE MOUNT MENTOR EVAL SHEET



2. MOUNT'N MOVER ORDER SHEET

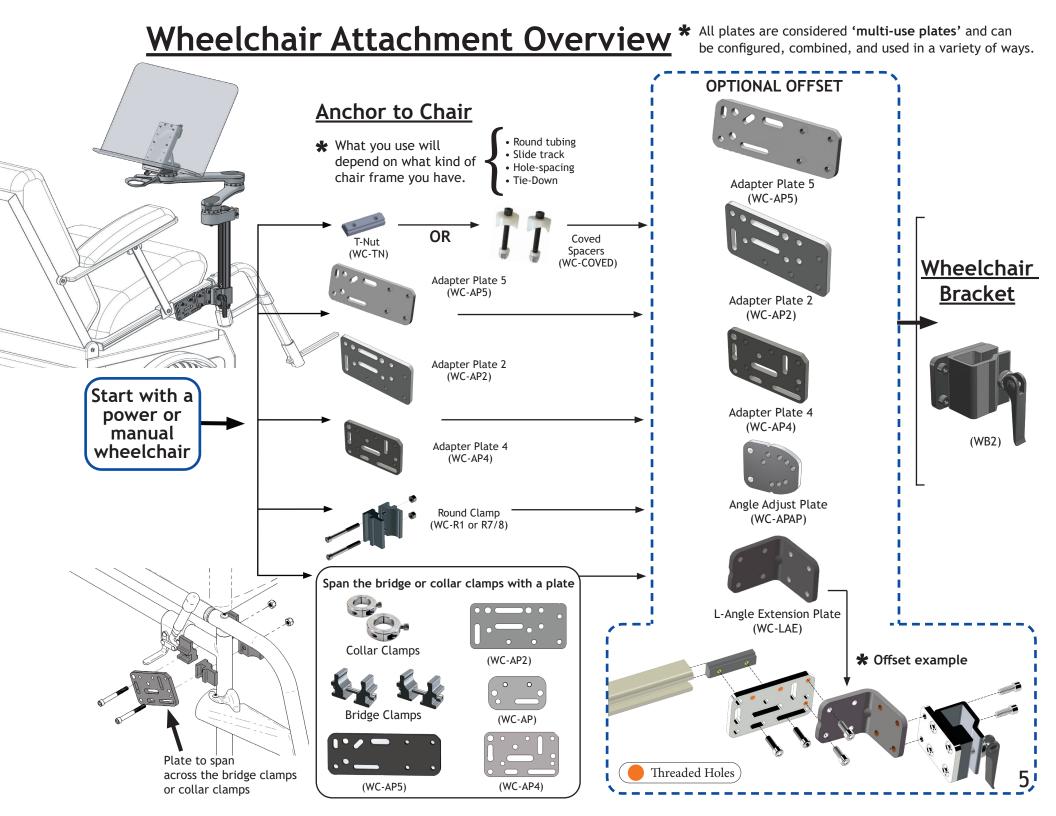
Find both of these tools on our website: www.mountnmover.com

Table of Contents

5. Wheelchair attachment overview Wheelchair Attachment Plates and Hardware:

<u>Download another Instruction booklet:</u> www.mountnmover.com/products/eval-kits

9.	WC-AAP	Angle Adjustment Plate		
10.	WC-LAE			
11.	WC-AP4			
12.	WC-AP2	•	Please take pictures of your	
13.	WC-AP5	•	Please take pictures of your	
14.	WB2	•	final set up for ease of ordering!	
15.		Round Bridge Clamp 1" and 7/8"		
16.	WC-TN			
17.		1" Coved Spacers with hardware		
18.		1" Collar Clamps with hardware		
Device				
21.		Not all Device Plates are included	in this Eval Kit. Call us!	
23.	DP-PRC1	Attaches to Accent 1400 with Look	Evegaze Bar	
24.			rith LOOK Eyegaze bar. (Otherwise use the DP-QCR)	
25.		VESA, Smartbox, Skyle, Lightbox, C		
26.		Attaches to most PRC and Tobii Devices		
27,28,2	-	Attaches to Tobii I-13 and I-16		
30.			16. Also for use on larger devices to clear the hoop	
31,32.			trait to landscape) or (correct tilt for eyegaze)	
33.		Connects to DP-QCR and to Rehadapt UDS		
Mounts	and Accessories:	-	•	
37.	EM1-QC-H	Easy Mover Single Arm with high to	orque hinge	
38,39.	M2-TQ-H			
40.	P18, P12	Posts (other sizes/custom are avai	lable)	
41.	TC			
42.	SM-S-H-P18	Simple Mount Small with 18 inch p	ost and a high torque hinge	
43.		Lip Supports (Set of six 1/2" and 1		
44.			ay and your choice of a Large Tablet Tray or an iTab Tray)	
45,46,4		Link Cube Configurations, Multi Mo		



Wheelchair Attachment Plates and Hardware



WARNING!

Never attach two plates via threaded hole to threaded hole! This damages the threads and the connection can loosen!

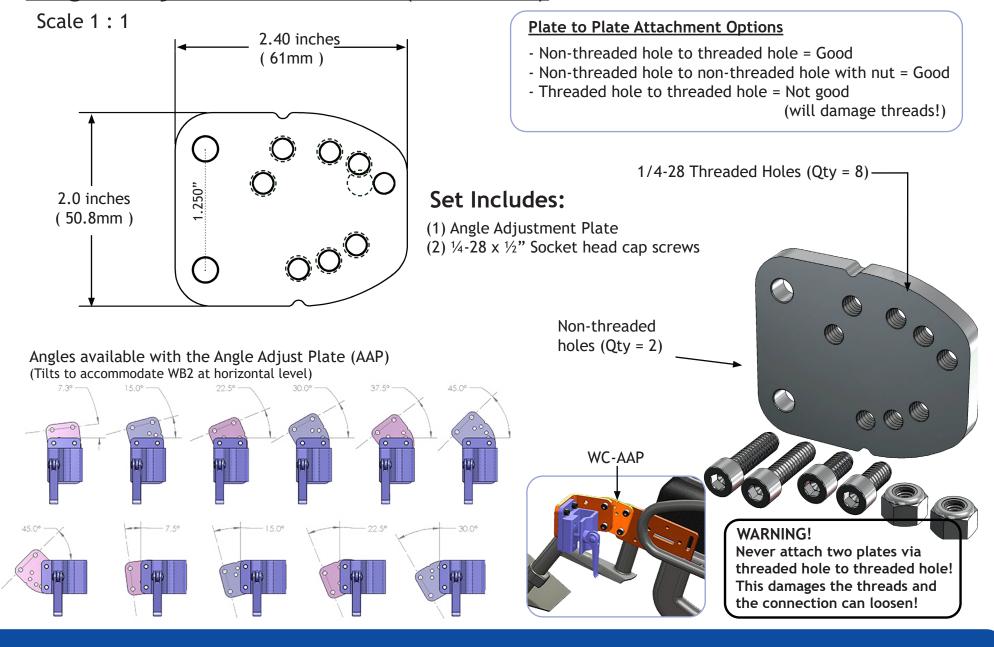
Plate to Plate Attachment Options

- Non-threaded hole to threaded hole = Good
- Non-threaded hole to non-threaded hole with nut = Good
- Threaded hole to threaded hole = Not good (will damage threads!)

Hole Pairing Options

- Attaching with two holes = **BEST**
- Hole and slot (horizontal or vertical) = Good
- Slot and slot (both horizontal) = Ok
- Two vertical slots = NOT GOOD! (could slip or wobble!)

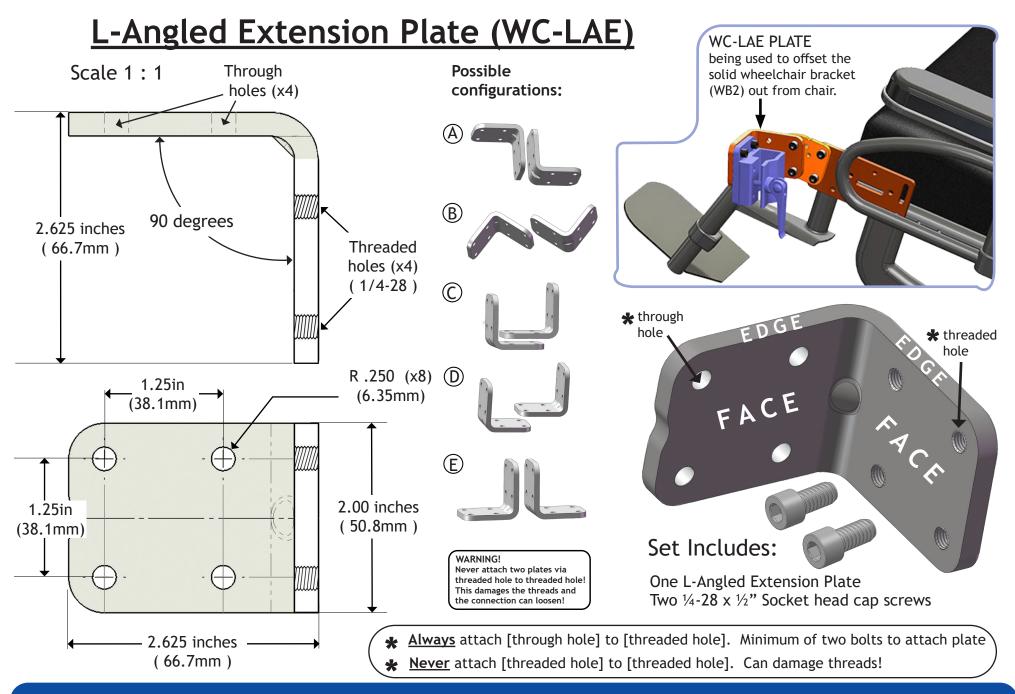
Angle Adjustment Plate (WC-AAP)





Product: WC-AAP, Angle Adjustment Plate

Weight: 4.4 oz. (0.12 kg)



Mount'n Mover

by BlueSky Designs

Product: WC-LAE, L-Angled Extension Plate

Weight: 10.0 oz. (0.25 kg)

Adapter Plate 4 (WC-AP4)

Scale 1:1

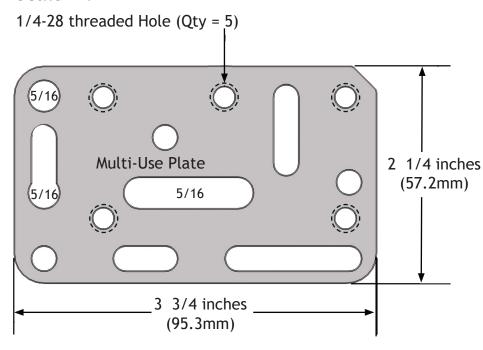


Plate to Plate Attachment Options

- Non-threaded hole to threaded hole = Good
- Non-threaded hole to non-threaded hole with nut = Good
- Threaded hole to threaded hole = Not good (will damage threads!)

Hole Pairing Options

Plate to Plate Attachment

- Two holes = **BEST**
- Hole and slot (horizontal or vertical) = Good
- Slot and slot (both horizontal) = Good
- Two vertical slots = NOT GOOD! (could slip!)

Set Includes:

(1) Adapter Plate 4 (WC-AP4)

Hardware - Plate to Plate Attachment

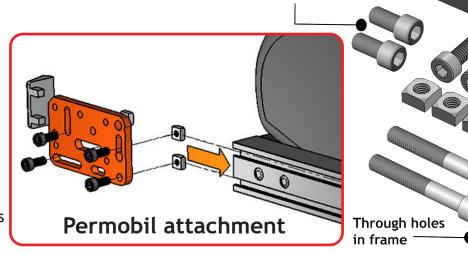
(2) 1/4-28 x 1/2" Socket head cap screws

Hardware - Unitrack:

- (4) M6-1 x 14 Socket head cap screws
- (4) M6-1 x 10 Square nut

Hardware - Through Holes in Frame:

- (2) 1/4-28 x 1 5/8" Socket head cap screws
- (2) 1/4-28 Lock nut



Product: WC-AP4, Adapter Plate 4

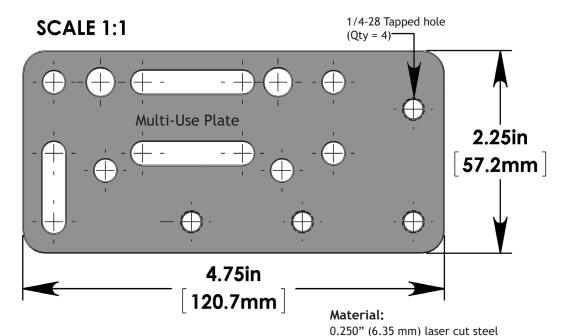
Weight: 7.3 oz. (0.21 kg)

Permobil

UNITRACK

ONLY!

Adapter Plate 2 (WC-AP2)



Coating:

Electroless nickel

Set Includes:

(1) Adapter Plate 2 (WC-AP2)

Hardware - Plate to Plate Attachment

(2) 1/4-28 x 1/2" Socket head cap screws

Hardware - Through Holes in Frame:

- (2) 1/4-28 x 1 5/8" Socket head cap screws
- (2) 1/4-28 lock nut

Hardware - Unitrack:

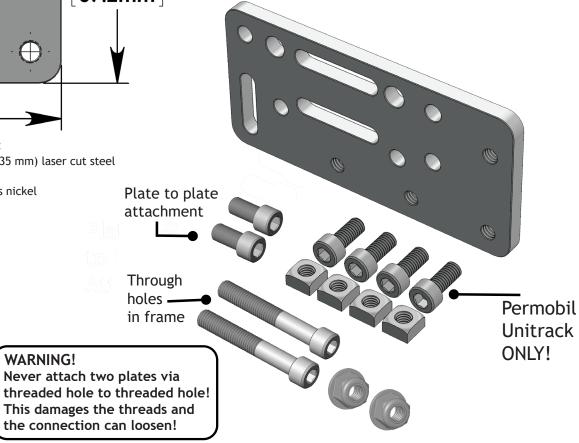
- (4) M6-1 x 14 Socket head cap screws
- (4) M6-1 x 10 Square nut

Plate to Plate Attachment Options

- Non-threaded hole to threaded hole = Good
- Non-threaded hole to non-threaded hole with nut = Good
- Threaded hole to threaded hole = Not good (will damage threads!)

Hole Pairing Options

- Two holes = BEST
- Hole and slot (horizontal or vertical) = Good
- Slot and slot (both horizontal) = Good
- Two vertical slots = NOT GOOD! (could slip!)



Mount n Mover™ by BlueSky Designs

WARNING!

Never attach two plates via

the connection can loosen!

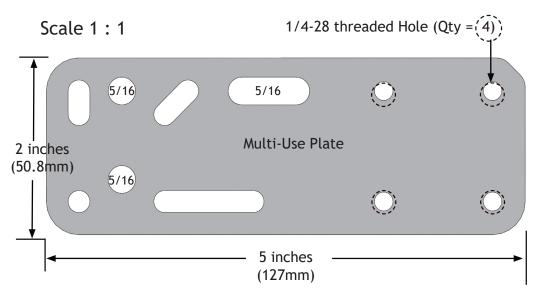
Product: WC-AP2, Adapter Plate 2

10.0 oz. (0.28 kg) Weight:

Through holes

in frame

Adapter Plate 5 (WC-AP5)



Set Includes:

(1) Adapter Plate 5 (WC-AP5)

Hardware - Plate to Plate Attachment

(2) 1/4-28 x 1/2" Socket head cap screws

Hardware - Through Holes in Frame:

- (2) 1/4-28 x 1 5/8" Socket head cap screws
- (2) 1/4-28 lock nut

Hardware - Unitrack:

- (4) M6-1 x 14 Socket head cap screws
- (4) M6-1 x 10 Square nut



WARNING!

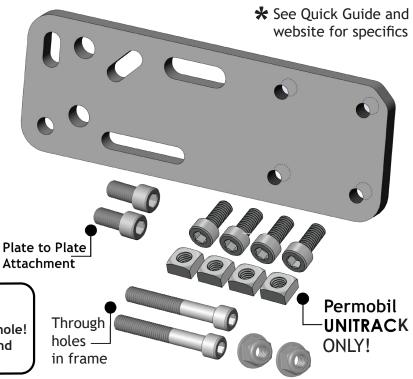
Never attach two plates via threaded hole to threaded hole! This damages the threads and the connection can loosen!

Plate to Plate Attachment Options

- Non-threaded hole to threaded hole = Good
- Non-threaded hole to non-threaded hole with nut = Good
- Threaded hole to threaded hole = Not good (will damage threads!)

Hole Pairing Options

- Attaching with two holes = **BEST**
- Hole and slot (horizontal or vertical) = Good
- Slot and slot (both horizontal) = Good
- Two vertical slots = NOT GOOD! (could slip!)



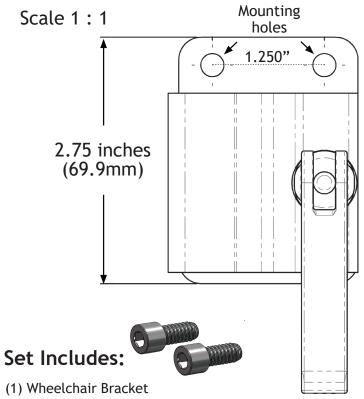
Mount'n Mover

by BlueSky Designs mountnmover.com

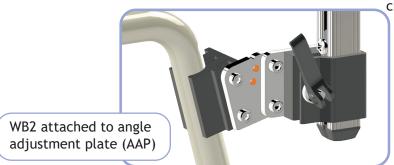
Product: WC-AP5, Adapter Plate 5

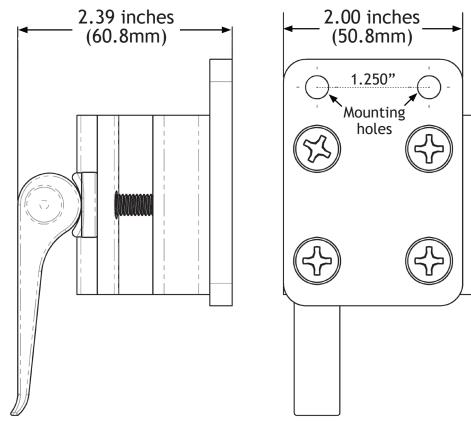
Weight: 10.6 oz. (0.3 kg)

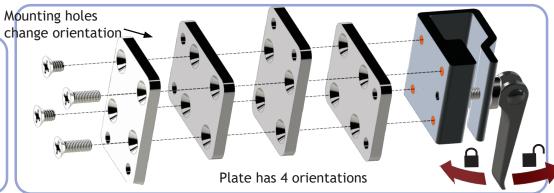
Wheelchair Bracket (WB2)



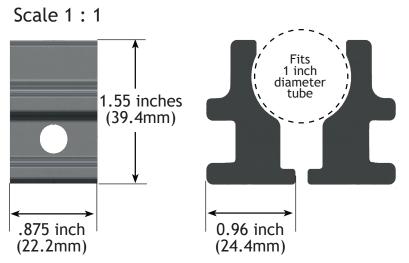
(2) 1/4-28 X 0.5" Socket Head Screws

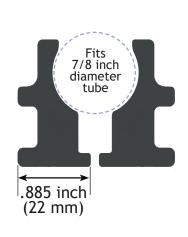


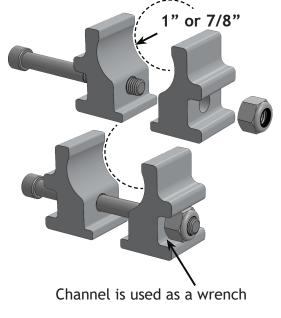




Round Bridge Clamp (WC-R1B-set) or (WC-R7/8B-set)



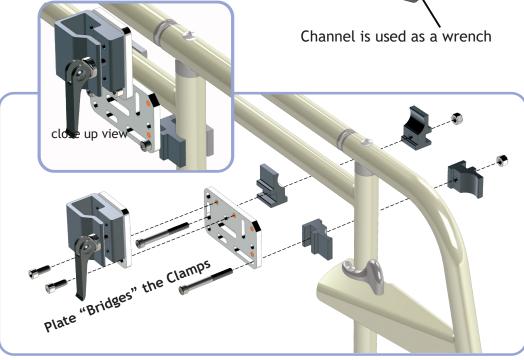




Set Includes:

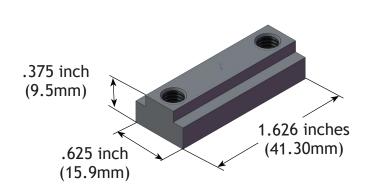
- (4) Clamps [1 set -1"] or [1 set-7/8"]
- (2) 1/4-28 x 2 1/4" Socket Head Cap Screw
- (2) 1/4-28 Lock-nut

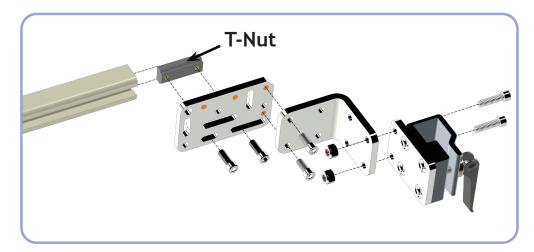




T-Nut (WC-TN)

(for use with slide track)



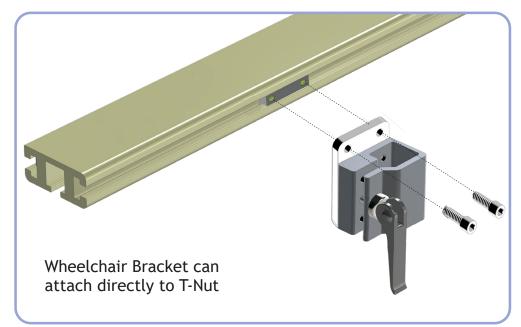


Set Includes:

- (1) T-nut
- (2) 1/4-28 x 5/8" Socket Head Cap Screw



★ T-Nut prior to May of 2015 used 1/4-20 screws



COVED SPACERS 1" (7/8" coved spacers available)

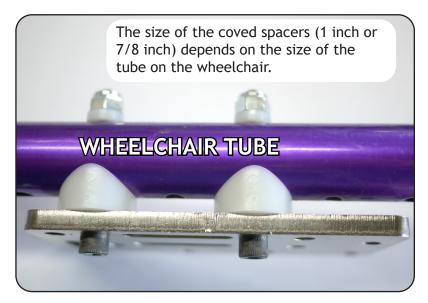


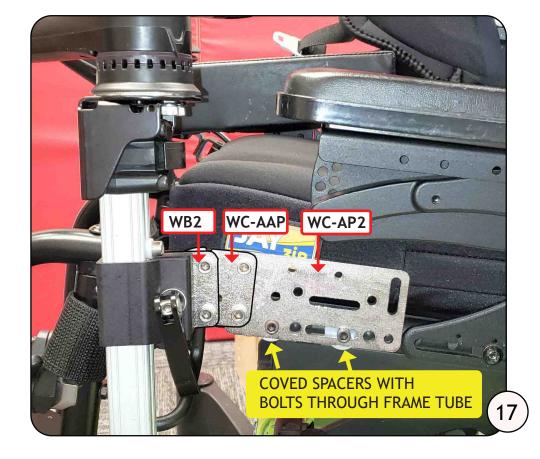


Included:

- Coved Spacers (1 inch) (x2)
- Nylon Washers (x2)
- Bolts 1/4-28 x 2" (x2)
- Lock Nuts 1/4-28 threads (x2)

USING THE COVED SPACERS TO ATTACH THE WC ADAPTER PLATE

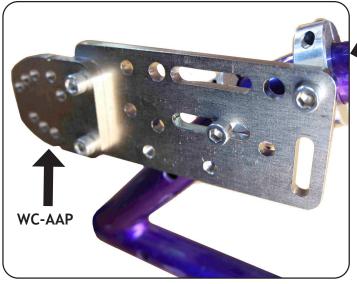




Collar Clamps (Set of two 1" clamps and a set of two 1.125 inch clamps)







Mounting on a curve will usually require an WC-AAP (angle adjust) plate to correct the angle to vertical for the WB2 (wheelchair bracket). This will allow the post to be vertical.

Collar clamps come in many sizes. If you need a different size we will need to know the circumference of the tube you will be attaching to.

Device Plates

NOTE: Not all device plates are included in this Eval Kit. See next page for "Device Plate Graph" and a list of devices

Device Plate Graph

DP-PRC1

Device plate to device



6/32 x 1/2" Flat Head (x4) Screw A

Quick release plate (QRP) to device plate



8-32 x 1/4" (x4)

Screw T

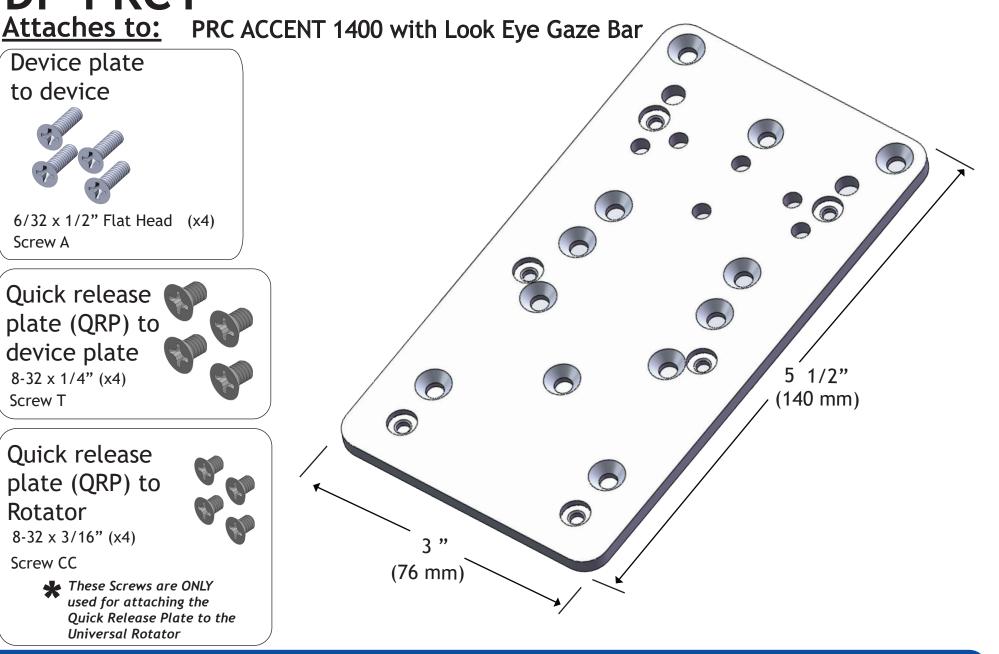
Quick release plate (QRP) to Rotator



8-32 x 3/16" (x4)

Screw CC

These Screws are ONLY used for attaching the Quick Release Plate to the **Universal Rotator**



PRC Accent 1400 with LOOK Eyegaze Bar



Remove screws from mounting bracket.



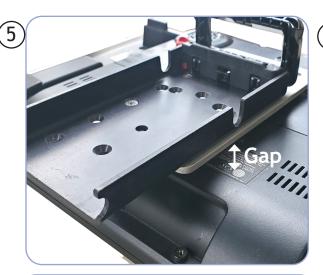
Leave mounting bracket in place.



Place DP-PRC1 over the Accent 1400 mounting bracket. Line up the four holes between the two plates and the Accent 1400. Attach using the four screws provided (6/32 x 1/2").



Attach the Quick Release Plate to the DP-PRC1 using the four screws provided (8/32 x 1/4")



There should be a gap between the DP-PRC1 plate and the Accent 1400 to allow for ventilation.



Attach the Quick Release Plate (QRP) to the Mount'n Mover!

DP-Multi1

Attaches to: VESA (50,75,100mm) Control Bionics, Skyle, Lightbox

• 100 VESA use screw MMM





(Screw MMM x4)

M4-.7 x 10mm length

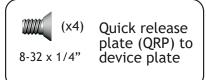
• 50 and 75mm VESA



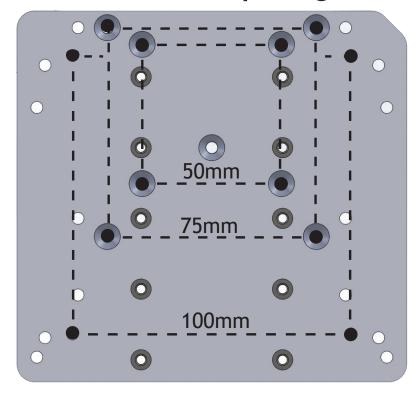


(Screw **PP** x4)

M4-.7 x 10mm length



VESA hole spacing



Control Bionics: M4 x 10 (x4) Screw PP

Lightbox: 8-32 x 5/8" (x4) Screw B

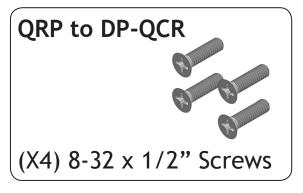
Skyle: VESA 75 hole spacing on back of Skyle screw M4 x 8mm(x4). Use 8-32 x 1-3/4"(x4) with 2x2 spacer (not included with EVAL KIT)

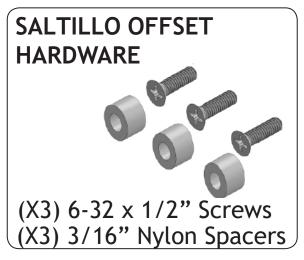
Use four M4 x 8mm to attach the Multi Plate to the back of the Skyle...VESA 75

Use four 1-3/4" screws attach the Quick Release Platethrough the 2x2 spacer and into the Multi1 plate.

Quick Connect Receiver (QCR)

Included Hardware:







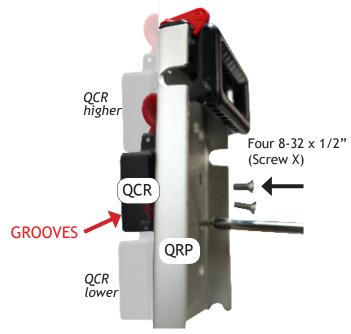
Attaching the Quick Connect Receiver (QCR) to the Quick Release Plate (QRP)

RED LOCK



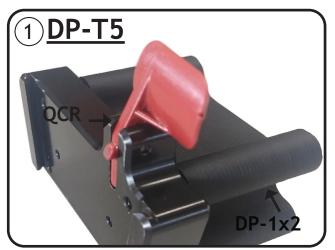
Quick Connect Receiver (QCR) and the Ouick Release Plate (ORP) and hardware four screw X.

Line up four holes in the OCR with corresponding holes in the QRP. * Note the grooves in the QCR are facing out. The red lock on the QRP and the red flag on the QCR are facing up.

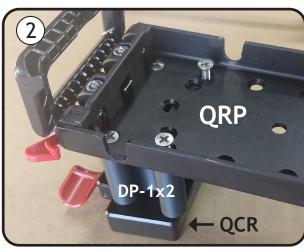


Feed the four 8-32 x 1/2" screws through the inside of the ORP and into the back of the QCR. The hole spacing in the QRP allows adjustment higher or lower depending on preference

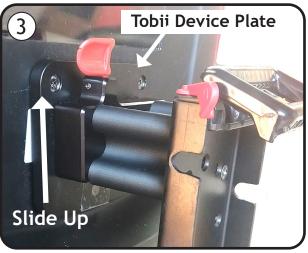
DP-T5 Attaching the Tobii I-13 or I-16 to a Mount'n Mover



The DP-T5 consists of the Quick Connect Receiver (QCR), the DP-1x2, and four 8-32 x 2" screws



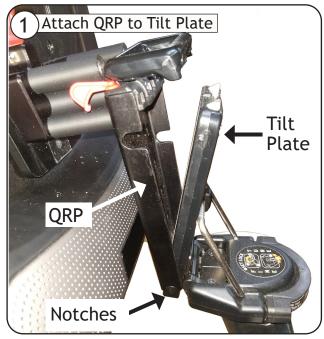
The four screws go through the Quick Release Plate (QRP), through the DP-1x2 and into the Quick connect receiver (QCR)



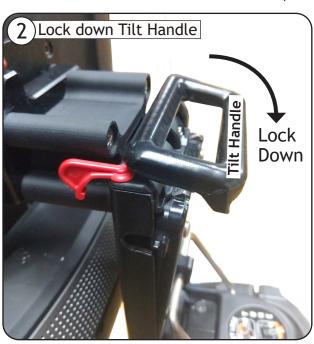
Slide the DP-T5 onto the connecting grooves on the Tobii device plate until it "clicks" in place.



DP-T5 Attaching the Quick Release Plate (QRP) to the Tilt Plate



First connect the notches on bottom of the QRP to the protruding pins at the bottom of the Tilt Plate.



Lock down the black Tilt Handle.



Swing RED LOCK LEVER into lock position. This locks down the Tilt Handle.

4) Tobii locked in place

Tobii I-13 fully attached and locked in place

Remove Tobii I-13 or I-16 from Mount'n Mover



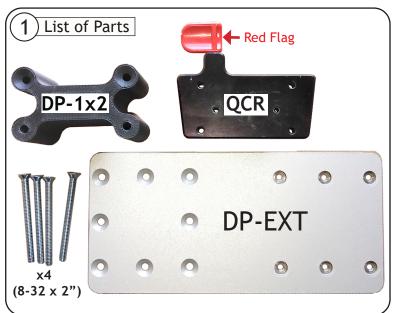
Push RED TAB and lift device up



Tobii I-13 detached from Mount'n Mover

Set up for IR Remote Control Access for the I-13 and I-16 (DP-T5 + DP-EXT)

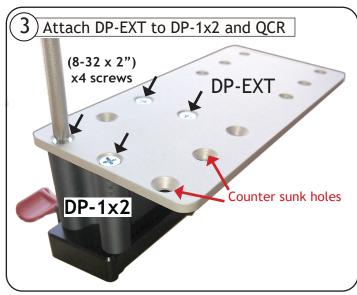




Parts needed are the DP-T5, the DP-EXT (Extension Plate), and the Quick Release Plate QRP (included with the Mount'n Mover)



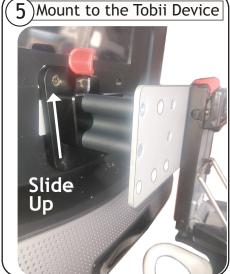
Place the DP-1x2 over the Quick Connect Receiver. Note the counter sunk holes are at the top and the red flag is on the left



Place DP-EXT over the DP-1x2 and use the four screws to attach all three parts together. Note the countersunk holes on the DP-EXT are facing up.



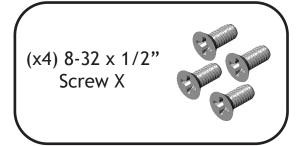
Place the Quick Release Plate (QRP) over the DP-EXT and attach to the threaded inserts in the EXT with four $(8-32 \times 1/4")$ screws (labeled QRP to Device Plate)



Slide the Extension up onto the connecting grooves on the Tobii plate until it "clicks" in place 29

DP-EXT (Extension Plate)

Offset to access the infrared window on Tobii i13 and i16

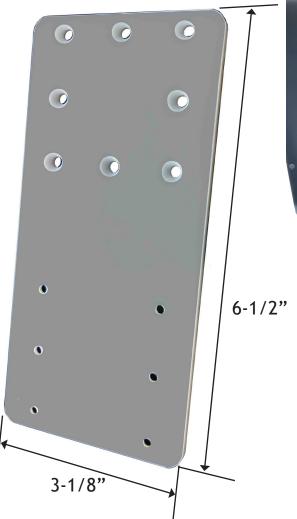


(x4) 8-32 x 1/4" Screw T





Use to lower the device for easier access.



IR (Infrared window)

Use on larger devices to attach the Quick Release Plate lower to clear the white hoop and paddle

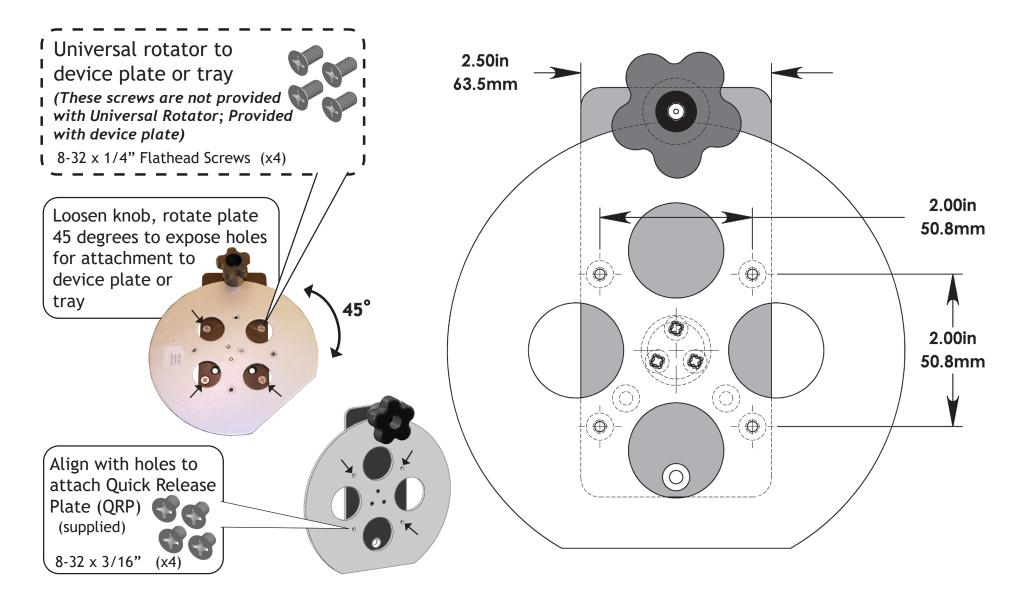


Mount n Mover™

by BlueSky Designs

Product: DP-EXT (Extension Plate)

DP-UR Universal Rotator Attaches to: All Mount'n Mover device plates and trays



Mount n Mover™

by BlueSky Designs

Product: DP-UR, Universal Rotator **Weight:** 7.6 oz. (0.22 kg)

(shown with Accent 1400)

mmin

111111111

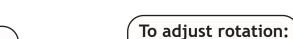
Attach device plate DP-QCR to device

0

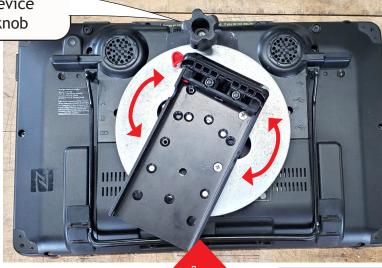
ATTACH

11111111

111111111



- 1. Loosen knob
- 2. Rotate device
- 3. Tighten knob



ADJUST



N

N

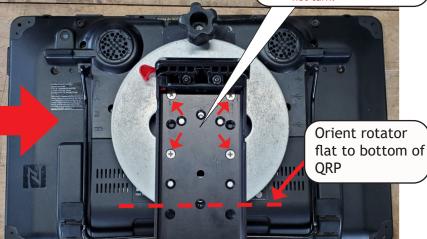
2. Rotate plate to expose device attachment holes

3. Screw UR to device plate (DP-QCR)

8-32 x 1/2 (x2)

Screw QRP to UR. Four screws included with QRP (8-32x3/16)

If you use too long of screws the rotator will not turn!





DP-QCP Quick Connect Plate



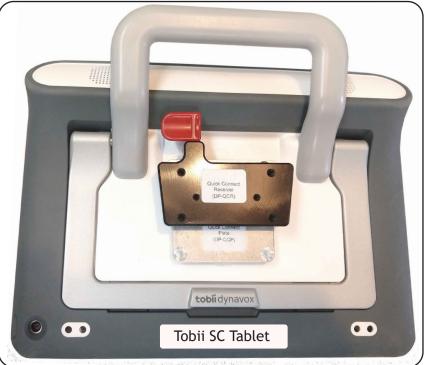
DP-QCR Quick Connect Receiver



Angled slots in the DP-QCR line up with angles on the edges of the DP-QCP. The DP-QCR slides onto the DP-QCP starting from the bottom. Slide the DP-QCR up until it "clicks" into the lock position.

Attach the Quick Release Plate (QRP) to the Quick Connect Receiver (QCR) See page 34.





Mounts and Accessories

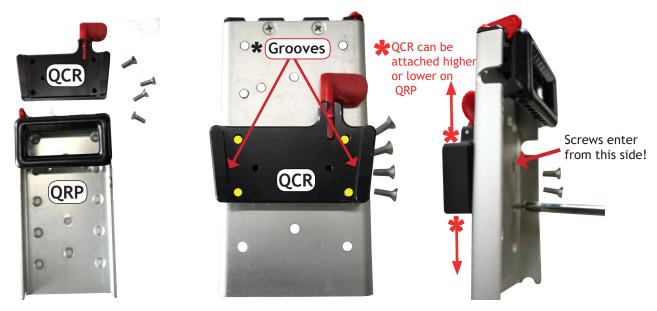
Easy Mover Instructions

To Tighten or Loosen Joints



Use a 3/16 inch Hex Wrench with a ball end (included)
Adjust to your desired tension to move...easy, hard, or anywhere in between!

Attach the Quick Connect Receiver (QCR) to the Quick Connect Plate (QRP)

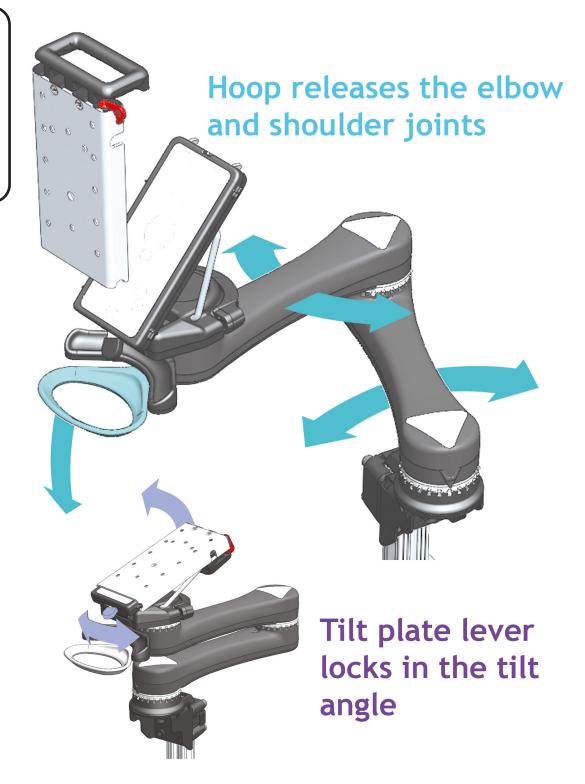


Quick Connect Receiver (QCR) and the Quick Release Plate (QRP). Attach the QCR to the QRP with four screws (8-32 x 1/2 inch) included with the Quick Connect Receiver. *Note the grooves on the QCR

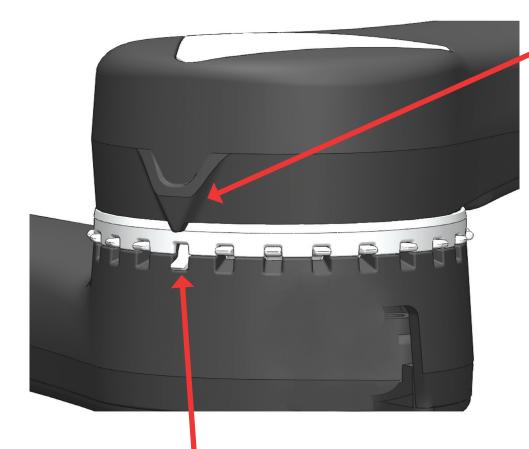
Dual Arm Mount'n Mover overview

Paddle releases the tilt plate





How to set a "lock" position



Elbow

At each joint there is a black "arrow". Whenever this arrow moves across a down lock tab...it locks in that position. To release shoulder and elbow, push on white hoop. To release wrist, push on black paddle.

* NOTE *

Do not try to lift up (unlock) the lock tab when the black arrow is over it.

This will cause the lock tab to break or bend.

Lock Tab in the "down" position.



Shoulder

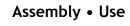
Once in position for use, look at the black arrow at each joint (shoulder, elbow, wrist).

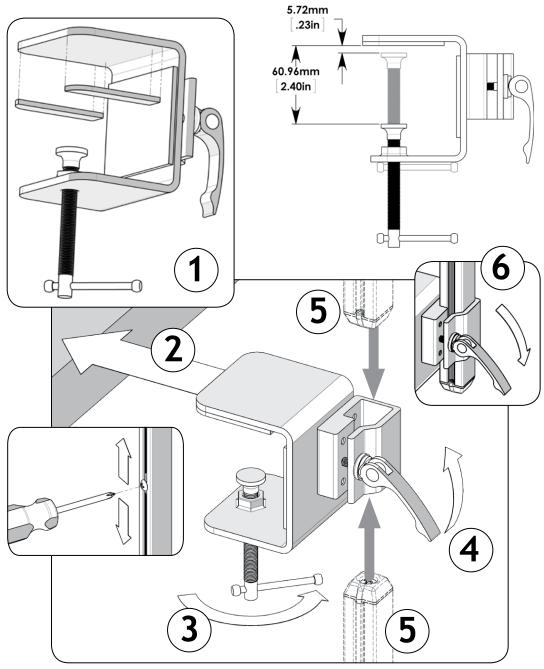
Put down a lock tab closest to the black arrow at each joint.

Posts come in lengths 6,8,12,18, 24, and 36 inches Custom lengths also available!

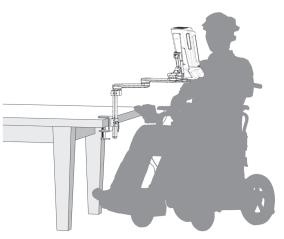


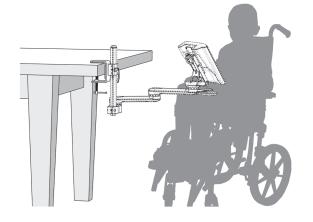
Mount n Mover ™ TableClamp











Simple Mount - Small and Large





Simple Mount Large includes 2 Lip Supports 1" tall x 2" long

*Additional Lip Supports sold separately

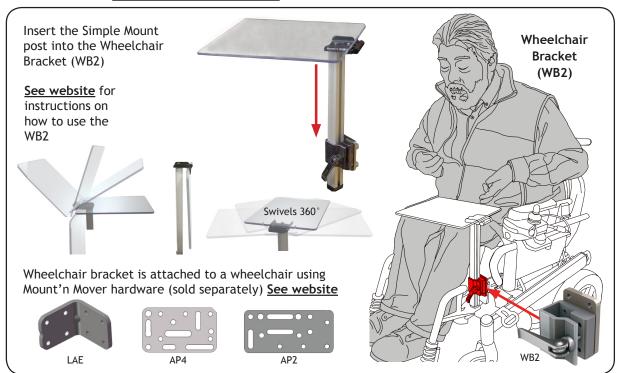
CAUTION!



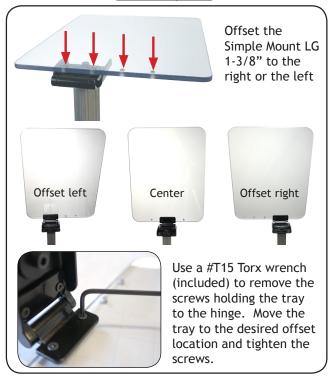




Wheelchair Attachment



Offset Option



Lip Supports Sets ___(1/2 inch and 1 inch)

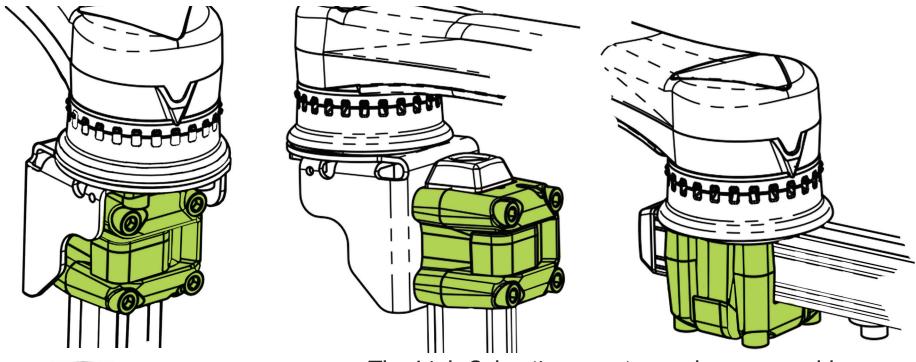


The Eval Kit includes: 1. A Large Laptop Tray.

2. A Large Tablet Tray or an iPad Tray (your choice).



Link Cube Configurations

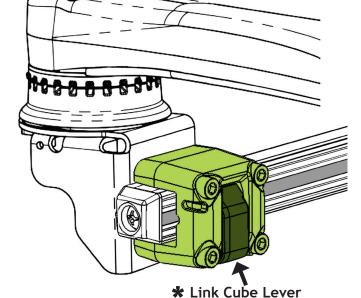


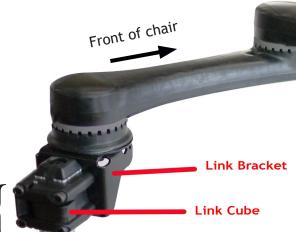
The Link Cube (in green), can be removed by taking out the four bolts and reattaching it in the configuration of your choice.

* NOTE:

If the four bolts are too tight the Link Cube Lever will not work as designed. You should be able close the Link Cube Lever to lock the mount on the post. If you cannot close/open the lever, the four bolts are too tight.

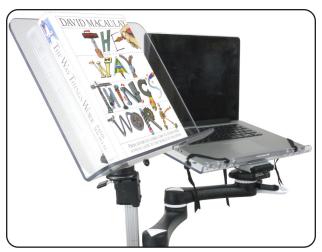
This configuration gives more forward reach of the mount.





Multi Mounting Systems







See our website (or call us!) for many more examples







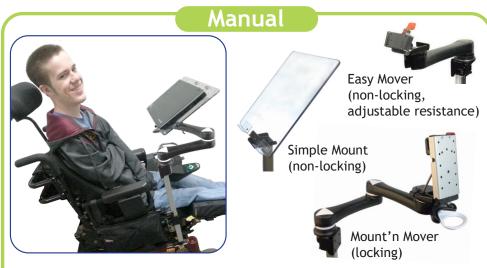


Two dual arm mounts on one post



For two mounts on one post, move the link cube to the outside of the link bracket. This allows you to slide the mount lower down on the post.

Choose a mount that best fits your needs and abilites!



Manual models are easily operated one-handed

Our movable mount comes in dual-arm, single-arm and simple models, offering a wide range of choices based on your needs.



The Pow!r models' rotary joints move with the touch of a switch

Shane rotates joystick out of the way with the Pow!r Mount

Use it to:

- -Bring a backpack within reach
- -Independently bring a suction or hydration tube to your mouth
- -Adjust the tilt angle of an eyegaze system to see for driving

Accessorize to fit your life! Our attachment release design makes swapping out a device or tray a snap!









THE MOUNT MENTOR EVAL SHEET

Need help building a mounting system? Please complete the following steps and return to: info@blueskydesigns.us

www.mountnmover.com info@blueskydesigns.us

612-724-7002

Minneapolis, MN 55406

2637 27th Ave South **BlueSky Designs**

Suite 209

* required info

Step 1. Complete section A
Step 2. Take photos as described in section B
Step 3. Provide post length determined in section C
Step 4. Complete wheelchair frame information in section D

* We will contact you with a quote. Additional support for installation and use is available via phone, Skype, or email.

 (A) Lets get started....first we need some information:

Client (Optional)	Name/initials	Age Diagnosis	ent Char	How does client access their device?	If direct select:		If yes, what arm preference? Left□ Right□ Both[Can they cross midline? Y□ N□	How does client drive Power Wheelchair?	Hand joystick on: Left 🗌 Right 📋	Chin joystick 🗌 Head array 📋	Prefer to mount on: Right side ☐ Left side ☐	Is there an existing tray on w/c? $$ Y $$	If yes, will it need to be used at the same time as the mount? Y□N□		rotated or removed? Y□N□	Preferred Mount(s) www.mountnmover.com	☐ Locking Dual ☐ Single ☐ Tilt'n Turner ☐	Non-Locking (adjustable resistance) Dual □ Single □ Tilt'n Turner □	Pow!r Mount Pow!r Shoulder	Simple (tray on post) Large Small Not sure	
Contact Person)rganization	lame	Title Phone #	Attach to: (Check all that apply)	<pre></pre>	☐ Power Standing	With manual w/c does client apply brakes? Y□N□ Tilt/Adiustable	Do you need to remove both foot rests? Y□N□ Stroller	Walker/Gait Trainer	Bed #Include photos	Stand Table	Device / Tray See website for Device Plate Graph	SGD or AAC make/model	If Tobii I-13 or I-16 will the client use IR feature?	Does Device have QRM/UDS bracket?	Phone make/model/dimensions	Tablet-iPad Make:Model:	Rotate portrait to landscape required? Laptop Trav	SS to	$\sqcup \sqcup \sqcup$	check own

B) Attaching the Mount'n Mover

pictures are very useful!

each of these

Please send JPEGS of

views to info@blueskydesigns.us









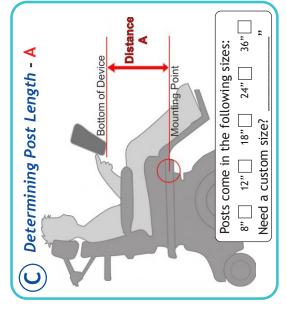
close-up view

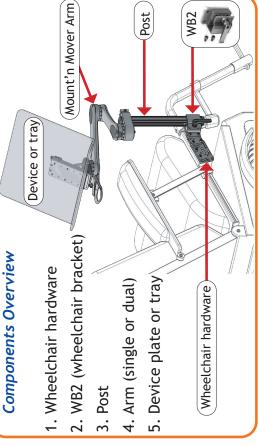
Angled view

Pointers:

- Hold the device where you want it in relation to the client
 - Move lap belts, blankets etc so the frame is visible
 - Please include client in wheelchair.

See website for wheelchair examples and more specific information





frame What type of do you have?

- Permobil Unitrack Frame
- (Invacare, Quantum, Amy) Single slide track
- Round tubing Please measure circumference
- ☐ Round tubing with holes

Circumference measurements:

Horizontal tube

Vertical tube

NOTES:

3/4 inches

Common Clamp Sizes

Measuring circumference

Measuring your round tubing for correct clamp size

Diameter Circumference

7/8" 3/4" 2 3/4" 3/8"

<u>,</u> 3/16"

1/8, 1/4" 17/32" 29/32"

3/8" 5/16" 4

*We can fit many more sizes than Just tell us your

shown above. Ju circumference!

See wheelchair mounting guides on our website (www.mountnmover.com) If you don't see your chair...call us!