Wheelchair Mounting Systems Comparison Matrix
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Many consumers using manual and power wheelchairs also utilize other assistive technologies, such as speech generating devices, notebook computers, tablet computers and cell phones. These technologies often need to be attached or mounted to the wheelchair frame for physical access (i.e. finger to cell phone button), visual regard, and security (from falling or theft).

The following matrix categorizes mounting systems by the type of assistive technologies supported and lists product features. This matrix is not exhaustive and is not intended to endorse a specific product.

A mount has three main components and terminology may vary.
**Frame Clamp:** this component attaches to the wheelchair frame and is specifically designed to fit a specific shape and diameter.
**Mount:** this section includes horizontal and/or vertical sections of tubing with or without joints in between that dictate final position of the mount.
**Mounting Plate:** this component connects the mount to the assistive technology device. Some assistive technology devices, particularly speech generating devices, also must include an attached device adapter that connects to the mounting plate.

**So how do I get started?**
1. **Device type:** Determine what device is being mounted and ensure the proper mounting plate is ordered for the mount and any device adaptor for the device itself. Choose the appropriate mounting category for the device type (see below).
2. **Device placement:** Determine approximately where the device needs to be placed. Keep in mind the optimal position for visual regard and access. Try and keep the device mounted within the boundaries of the wheelchair so that the device is not likely to get bumped going through doorways. Try to position the device so that the device does not block the client looking at a communication partner, blackboard or where they are propelling a manual wheelchair or driving a power wheelchair.
3. **Mount placement:** Determine where the frame clamp will be placed, based on the desired device placement. If the wheelchair includes a tilt, be sure to place the frame clamp above the tilt mechanism so that the device follows the client during changes in position. Avoid mounting on moveable components such as swing away footrest hangers and removable armrests. These may feel secure now, but will get very wiggly if a mount is placed there. Ensure that the mount can move out of the way (fold, swing away or be removed) for transfers and that the mobility base will not tip over from the weight of the mount and device when the client transfers.
Speech Generating Devices

Larger Devices are bigger in dimension and weight. These mounts will hold heavier devices, though most do not have specific weight limits due to the variety of configurations and usage. Devices accessed by eye gaze always require a heavier capacity mount due to weight and height requirements.

1. Blue Sky Designs Mount ‘N Mover
   a. Pros: allows user to independently move the mount in various positions if adequate motor control is present
   b. Cons: heavy, bulky, large frame clamp, does not fold
   c. Cost: $710 - $1300

2. C.J.T. Enterprises Profiler, Angular
   a. Pros: fits most frames, many options for placement on frame
   b. Cons: heavy, bulky, large frame clamp, does not fold
   c. Standard or Super versions
   d. Cost: $856 - $1400

3. Daedalus Rigid, Folding, Locking Swing-Away, Rear Folding, Positioner Daessy mounts
   a. Pros: fits most frames, small frame clamps, custom frame clamps available, locking clamp for tilt frames, side clamp for placement on seat rail, folding version
   b. Cons: heavy, pin in frame clamp assembly can slip during tilt (if not using locking clamp).
   c. Cost: $600 - $1100

4. Dynavox ConnectIT
   a. Pros: lighter weight than other mounts in this category, fits most frames, small frame clamp, tubes flow through joints.
   b. Cons: only works with Dynavox products, does not fold
   c. Cost: $1100 base

5. Prentke Romich WCMK
   a. Pros: simple, easy to mount
   b. Cons: very little adjustment, does not fold, only supports PRC products, heavy
   c. Cost: $675

6. REHAdapt Monty 3D
   a. Pros: lighter weight than other mounts in this category, fits most frames, small frame clamp, tubes flow through joints, works with a variety of devices. Can move between 3 positions. Versions include knob or tool adjustment. Folding version (3DK). Heavy Duty version for heavier eye gaze systems (3D eye).
   b. Cons: pin can slip during tilt without Swivel Joint with lever (not included on standard 3D).
   c. Cost: $755 – 1100
Smaller Devices are smaller in dimension and weight. If a client uses excessive force against the device or the mount, a heavier mount may be indicated. These generally do not offer the height available in heavier mounts, such as that required for eye gaze systems.

1. CJT Enterprises ProLite
   a. Pros: holds up to 5lbs, smaller and lighter than standard mounts
   b. Cons: some frames require large frame clamp
   c. Cost: $565

2. Daedalus Mini Mounts
   a. Pros: smaller and lighter than standard mounts, holds up to 10 lbs, 3 versions
   b. Cons: heavier than many other lightweight mounts
   c. Cost: $900

3. REHAdapt Tablet Mount
   a. Pros: smaller and lighter than standard mounts, versions include knob or tool adjustment. Frame clamps fits most size frames, Super Clamp also available for unusual sizes (i.e. adaptive strollers). Device adaptors for most lightweight SGDs. Mounting plates for a variety of lightweight devices, including tablet based devices.
   b. Cons: none that have come up…yet
   c. Cost: $275 - 355
Computers
Notebook/Laptop

1. AES Multi-Adjustable Support Arm
   a. Pros: swings away, universal clamp fits most frames
   b. Cons: no custom frame clamps, large frame clamp
   c. 12” x 9 1/8” platform
   d. Cost: $893

2. Blue Sky Designs Mount ‘N Mover

3. C.J.T. Enterprises Profiler, Angular

4. Daedalus Daessy series

Tablets
There are an ever increasing amount of Tablet mounts. Some of these do not hold their position well or offer adequate positioning of the tablet and so are not listed here.

1. REHAdapt Tablet Mount
   a. Pros: versions include knob or tool adjustment. Frame clamps fits most size frames, Super Clamp also available for unusual sizes (i.e. adaptive strollers). Various tablet mounting plates available.
   b. Cons: none that have come up…yet
   c. Cost: $275 – 355

2. Stealth Products iPad Mount:
   a. Pros: various links can be added or removed to achieve desired position, adjustable mounting plate holds various size tablets, swing away option
   b. Cons: heavy
   c. Cost: $375 (Gatlin style) or $555 (standard)

3. Therafin Corporation Communication Mount:
   a. Pros: supports all iPads, iPad mini, 7” and 10” tablets in horizontal or vertical position
   b. Cons: attaches to only vertical portions of frame or under armpad (moveable).
   c. Cost: $510-815
Switches

Evaluation Switch Mounts
Evaluation switch mounts are designed to quickly and temporarily secure a switch in a location to
determine final placement for a client. These mount to a variety of surfaces, typically using a
Super Clamp frame clamp, move in a variety of planes and tighten down without tools. Switches
can be Velcroed or more permanently attached to a mounting plate.

1. AbleNet Universal Switch Mounting System
2. AbleNet Latitude
3. AbleNet Hover
4. Adaptive Switch Labs Adjustable Switch Mounting Arm

Permanent Switch Mounts
Permanent switch mounts are designed to mount a switch in a specific location for consistent
access and security. These typically are adjusted by tool. Many seating components can be
modified to mount switches in specific body locations, as well.

1. Daedalus Stem System
   a. Pros: sturdy, many configurations available
   b. Cons: adjustable by tool only.
   c. Cost: not listed

2. REHAdapt MCM series
   a. Pros: various size frame clamps and switch adaptors/plates are available. Versions
      include knob or tool adjusted joints.
   b. Cons: none that have come up…yet
   c. Cost: $220 - 295
Cell Phones
The following mounts are designed to support a cell phone for access, visual regard and security.

1. REHAdapt
   a. Pros: can attach to tablet mount
   b. Cons: designed for iPhone4/4S only, adapters for other upon request
   c. Cost: $75 for adaptor only

2. Stealth Products
   a. Pros: can attach to tablet mount or be on a separate mount. Adjusts to hold a variety of phone sizes.
   b. Cons:
   c. Cost: $250

3. Therafin Corporation Communication Mount:
   a. Pros: supports most cell/smart phones
   b. Cons: attaches to only vertical portions of frame or under armpad (moveable).
   c. Cost: $510-815

Table Mounts
These mounts are generally used when the client is not in a mobility base and is at a work surface. These are sometimes used in evaluation settings.

1. Blue Sky Designs Mount ’ N Mover
   a. Mount’n Tilter $299-374
   b. Table Clamp $99

2. CJT Enterprises Adjustable Table Stand
   a. Cost: $410

3. Daedalus
   a. Cost: $390-655

4. DynaVox
   a. Cost: $905

5. REHAdapt
   a. Cost: $445-485

Over Bed/Floor Mounts
These mounts can be used by a client in bed or in another base, such as a recliner. These can also be used in an evaluation center. If used with an electric hospital bed, ensure that the angle can be changed to match the angle of the client in bed.

1. CJT Enterprises Adjustable Floor Stand
   a. Cost: $900

2. Daedalus
   a. Cost: $700-1000

3. Dynavox
   a. Cost: $945

4. REHAdapt
   a. Cost: $985-1485