

The ErgoJoystick can replace typical goal-post style joystick handles. People with arthritis, weak or impaired hand function, or individuals who fatigue easily will find the ergonomic design of this wheelchair joystick effective and comfortable.

<https://player.vimeo.com/video/75913752>

MODELS

Panther

The Panther was designed to be effortless. Unlike the stingray it allows you to keep your wrist in-line with your forearm while going backwards, forwards or anywhere in-between. It does this without sacrificing the lateral stability needed for precise turning. The surface which supports your palm has also been redesigned for greater comfort. The Panther enables all forces to be distributed through the padded surfaces of your hand avoiding the center of your palm where tendons lay close to the surface.



Stingray

The Stingray provides a large surface area which supports your palm when driving forward for greater comfort. It also features an intuitive, aesthetically pleasing look. The handle sits at rest with an aggressive backwards lean. It is the perfect handle for those who frequently drive long distances.

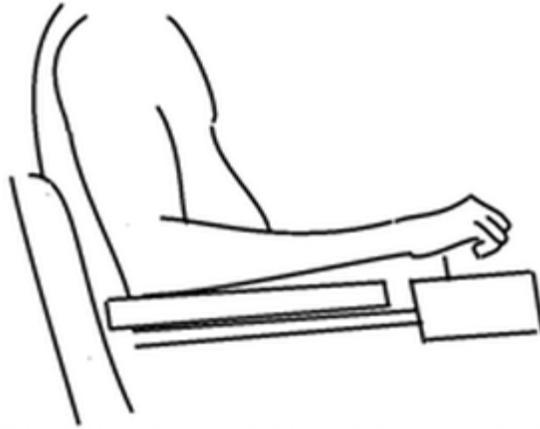


Aero

The Aero design is inspired by the air scoops on high end bike helmets. The holes shave weight while allowing the hand to breathe.



HOW TO SETUP YOUR JOYSTICK FOR MAXIMUM COMFORT!



Elbow should rest on armrest

Joystick base should be at the same height as armrest

Upper arm should be nearly vertical with elbow near midline of your body joystick should be in line with shoulder, elbow and hand

Some additional points

The handle will twist around joystick shaft. I find this to be a comfort feature as it allows your wrist to change positions, keeping the wrist loose when driving long distances. It also allows you to turn the handle to give better access to buttons on the controller.

The handle is not designed to be grabbed. Rest your palm on the handle and let your fingers and thumb hang loose.

If the handle falls off frequently, it can be shimmed. I like to use a twist tie wrapped over the top of the shaft.

CAUTION

The ergojoystick has the same safety concerns as "goalpost style" joystick handles. If you do not currently use such a handle take note of the following prior to using the handle

The handle is wider than the knob that came with the chair. It may stick out farther than the edge of the controller. Keep this in mind when driving in tight spaces.

Be careful of any surface that the handle could hit or get caught under. These are usually tall tables. If it gets trapped while the chair is in a driving mode, the chair will move uncontrollably.

Be aware that your shirt or jacket sleeve may hang beneath the handle. If it does, pay attention when taking your hand off the handle. If the cuff tends to catch, it may make the chair move unintentionally.

The handle can easily get caught on clothing or bags of people walking close by. Always turn off your chair when you are not driving especially on busses or where people will be walking near you.

SELECTIONS

Palm Width

For Palm size, measure across your palm below your knuckles and above your thumb (see sketch). Give us the measurement in tenths of an inch or mm i.e 3.3 inches or

84mm.

Measurement reference guide

Pediatric: less than 3", 76mm

Average Female: 3.0", 76mm

Average Male: 3.5", 89mm

Very Large hand: 3.8", 97mm

Largest Ever Sold: 4", 102mm

Hand

Right or left



Joystick Shaft size

The diameter shaft handle depends on wheelchair manufacturer.

Invacare chairs have .1875 inch (4.8mm) while most others are 0.25 inch (6.4mm).

When measuring the shaft size of your wheelchair controller, be sure to remove the rubber cap or plastic knob that comes from the manufacturer. You will be measuring the metal shaft underneath.

For a quick check, 0.25 inch is about the diameter of a #2 pencil.

Color

White, Black, Hot Pink, Coral Red, Royal Blue, Violet Purple, Yellow, Green, Orange



This handle is patented under US Patent 9,625,935 B2