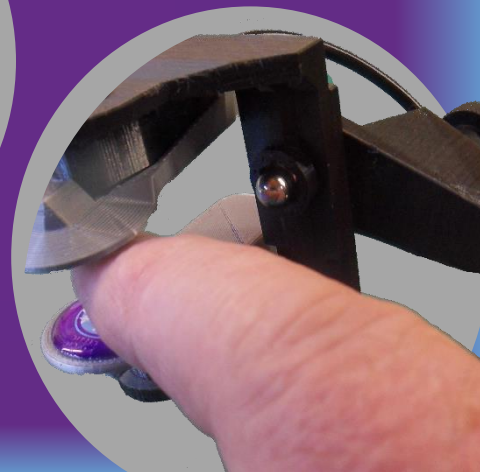
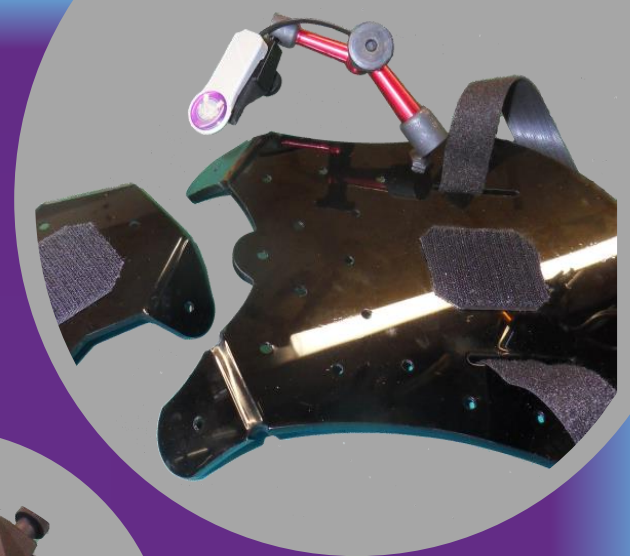




Celtic Magic

FEATHER

Hand Support System



What is a Hand Support System?

The Feather Hand Support System comprises of a 5mm acrylic polished base which supports various switches and joystick mounted from small articulated arms, allowing for complex solutions customised for the individual.

A Hand Support allows for any angle & position



Regular Triform base
supplied as standard
with all Feathers
offers vertical
operation

Large or Small ?

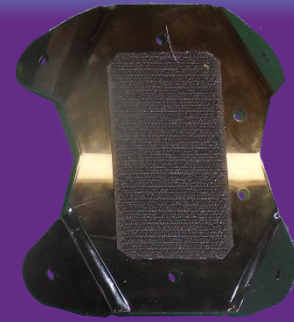
There are two styles of acrylic base each with multiple mounting points for the articulated arms each has strengths and weaknesses.

The larger hand support base (HSB3) is designed for more complex solutions such as gaming and the smaller (HSB2) being more compact is more suited to positions such as on lap or wheelchair use.



HSB3

- Approx. A4 size – table style use
- 18 mounting points
- Portrait only
- User supplied cushioning
- Best for mechanical balance
- Slots for additional hand strap



HSB2

- Approx. A5 size – compact use
- 8 mounting points
- Landscape or portrait or inverted use
- Small cushion supplied

A Typical Hand Support System



Choice of Base

Parts HSB2 or HSB3

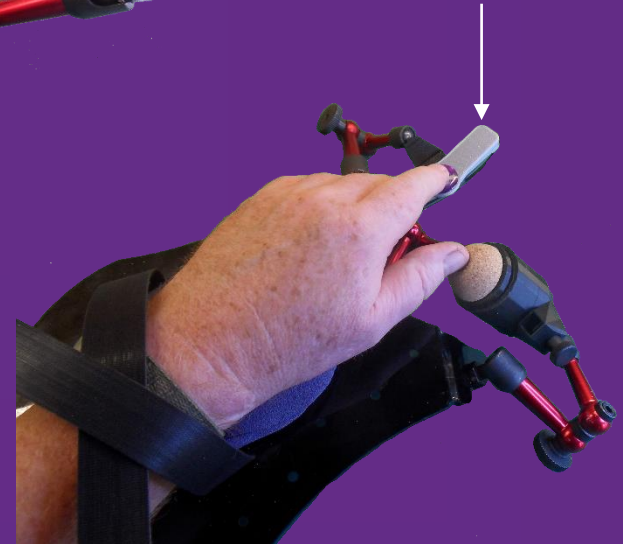


Option F
Feather bracket with two
articulated arms

Feather shown
for illustration only

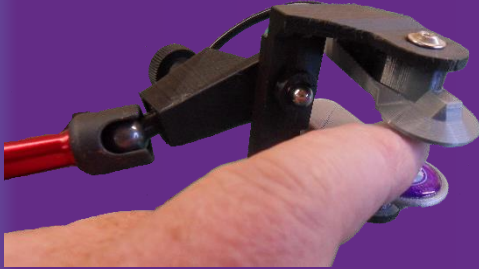
Other Options

In this example a single
switch on an articulated arm



Option : **Dual Switch Assembly** part /DSA

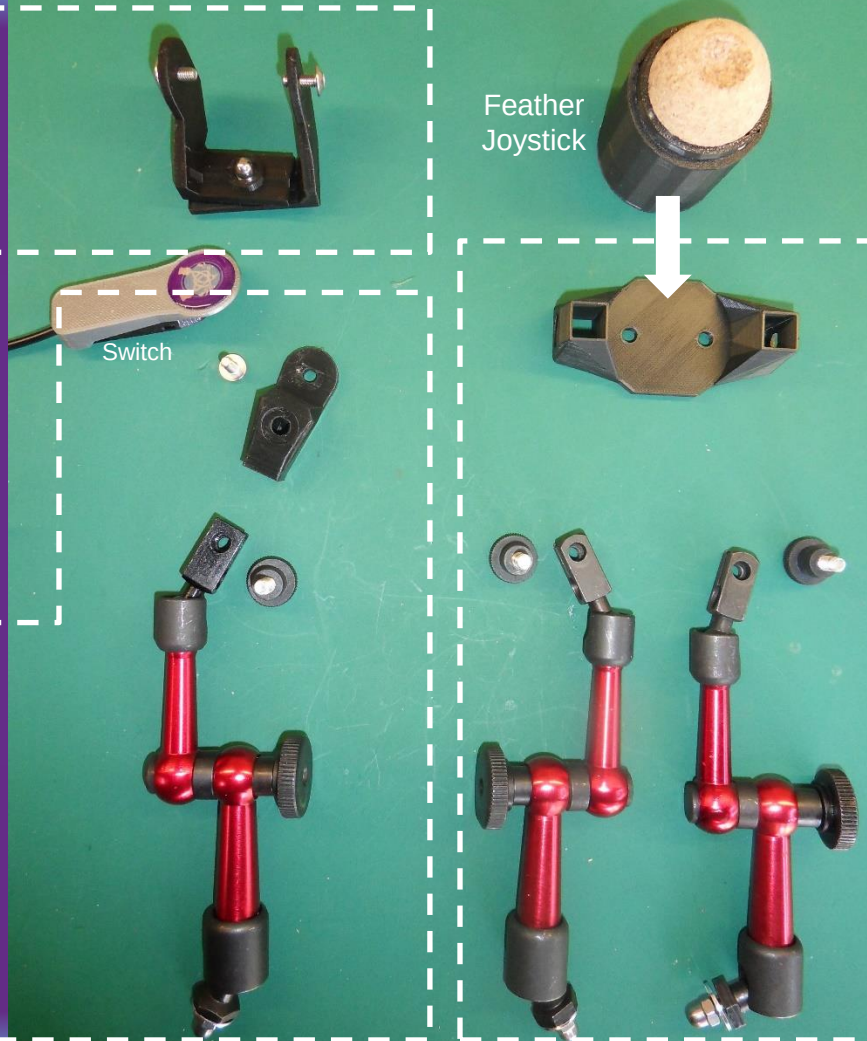
As Single Switch Assembly below but with two switches and adjustable dual switch bracket allowing for two switches to be operated from a single finger or thumb



Option : **Single Switch Assembly** part /SSA

Comprises of:

- Celtic Magic (bolted) light force switch
- Bracket for switch
- Articulated arm



Hand Support System Principle Parts

Feather articulated
support with twin Arms
part /F

Comprises of:

- Feather adaptor bracket
- Two articulated arms



Ordering Examples



Small Hand Support System for Feather
(uses small base **HSB2**)

Configurations are
shown for clarity & not
necessary practical

Order code **HSB2/F**



Large Hand Support System for Feather
(uses large base **HSB3**)

With two additional options:

One single switch assembly **SSA**

One dual switch assembly **DSA**

Order code **HSB3/F/1SSA/1DSA**

Alternative Gaming Joystick

For use with the Microsoft Adaptive Controller



Mini Joystick Assembly for use with the Microsoft Adaptive Controller

Order codes:

CM/J1X (normal force)

CM/J1XL (low force)



In addition to mounting a Feather Joystick the Hand Support Bases can also be used with our light force mini analogue joysticks on articulated arms.

These are the same as the joysticks found on the games controllers & are available as normal force at 60 grams or low force at 20 grams*.

*20 grams force is the maximum force that a Feather joystick can be set to. A Feather can also be configured to be as low as 5 grams and at a reduced angle of movement.

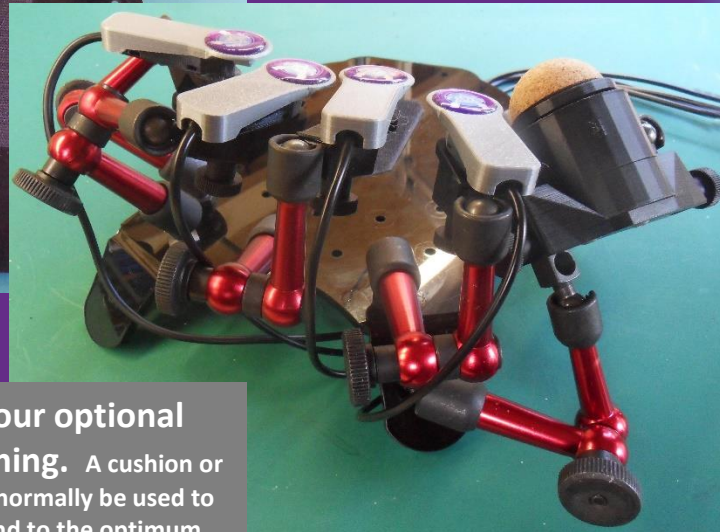


Smaller HSB2 with no optional switches used for mouse control whilst the user is in his wheelchair



Larger HSB3 with four optional switches used for gaming. A cushion or beanbag (not shown) would normally be used to support the users arm & hand to the optimum height, & similar may be used underneath sandwiching the acrylic base.

Real Life Examples





Celtic Magic

For more information
please visit...
www.celticmagic.org

