



ASSEMBLY AND ADJUSTMENT MANUAL

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INTRODUCTION

The D-Xbasic is an adult active four-wheel folding frame wheelchair designed for urban environment in low resourced settings.

D-Xbasic is compliant with WHO Guidelines and Training.

Note:

Please note that some of the equipment illustrated in this manual might be slightly different than the actual model.

PRODUCT FEATURES

Steel frame available in three sizes

Fully adjustable product

Adjustable seat depth

Adjustable backrest height

Adjustable footrest height

Tension adjustable backrest upholstery

Removable flip-up composite footplates with heel loops

Removable side-guards with optional armrest padding

Quick release rear wheels with two axle positions

All D-Xbasic wheelchairs are provided with a D-Slim Plus wheelchair pressure relief cushion.

The product has been designed for an average lifespan of approximately 3 - 5 years, as long as the product is used for its designated purpose and the product is maintained and serviced regularly. The product lifespan depends on the frequency of use, environment and maintenance. The use of spare parts when required increases the lifespan of the product.

Note:

Please note that the indicated lifespan does not constitute additional product warranty.

PRODUCT SPECIFICATIONS

Description	Details
Seat width	14" (35cm), 16" (40cm), 18" (46cm)
Seat depth	14" ½ (37cm), 16" ½ (42cm), adjustable
Backrest height	13" (33.5cm), 15" (38.5cm), 17" (43.5cm), adjustable
Castor wheel	6" x 1" solid tyre castor wheel
Rear wheel	24" x 13/8" solid tyre rear wheel, Aluminium hand rim, quick release axle

ASSEMBLY AND ADJUSTMENT

Footrest assembly and adjustment



Mount the removable footrests on the frame front rails.
Twist the footrest to lock it in place

The footrest height is adjustable. The footrest adjustment rail is provided with adjustment holes.
Use the appropriate adjustment hole and tighten the fasteners.

Rear wheel assembly and adjustment



The wheelchair is equipped with quick release axles.
To mount the rear wheels on the frame, press the quick release axle button, insert the axle in the axle sleeve and then release the button.
Check if the wheel is mounted properly by pulling the wheel outwards.



The wheelchair is provided with two rear wheel positions.
Mount the rear axle sleeve in the active position (forward) or the safe position (rear) in the axle block on the frame.
Tighten the axle sleeve nut.

Brake adjustment



The brake can be adjusted according to the rear wheel position and tyre type/ dimensions.
Slide the brake along the frame tube to the desired position.
Tighten the brake clamp fasteners.

Seat and cushion adjustment



The seat panel depth is adjustable.
The image on the left shows the seat panel in maximum length setting.



To reduce the seat depth, undo the Velcro strap under the seat.



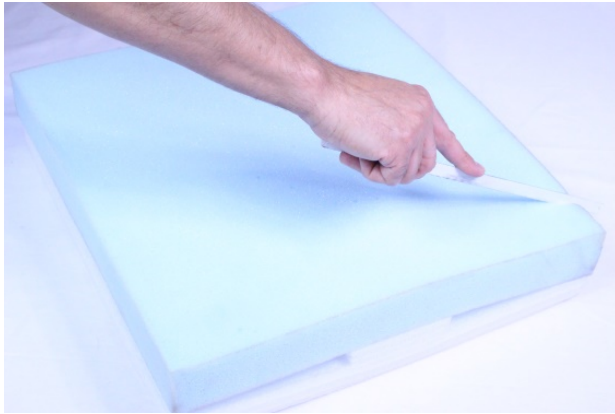
Remove the Velcro strap under the seat completely.



Fold the fabric at the front of the seat panel under the seat.



Secure the seat fabric using the Velcro patch under the seat.



The pressure relief cushion length must be adjusted, according to the seat depth. Remove the cushion base and the top foam from the cushion cover. Mark the cutting line **AT THE FRONT** of the cushion. Cut the cushion base and the cushion top foam, following the cutting line.



Place the cushion base and top foam inside the cushion cover. Pay attention at the orientation and the order the two cushion parts are placed inside the cushion cover.



Fold the cushion cover and close it using the Velcro patches on the cover.

Backrest adjustment



The backrest is height and tension adjustable. The backrest height can be adjusted by using the adjustment holes in the push handle tubes.



Use the appropriate adjustment hole. Tighten the push handles tightly using the push handle fasteners.



Use the loops in the push handles to place the top backrest strap on the backrest frame.



Place the remaining backrest strap in place, as required. Adjust the tension of the backrest straps.



Place the backrest panel on top of the backrest straps at the front.



Fold the backrest panel over the backrest straps.
Secure using the Velcro on the backrest straps.

Side guards assembly and adjustment



The side guard plate and the side guard band can be assembled in various settings to obtain various side guard heights and lengths

Select the desired mounting setting.
Tighten the side guard plate to the side guard band, using the supplied fasteners.



The side guard assembly height can be adjusted by using one of the threaded holes in the side guard band.

Select the threaded hole, as desired.
Tighten the stop, using the supplied fastener.



After adjusting the height and length of the side guard, insert the side guard band in the side guard mounting socket.



Slide the side guard down until the stop touches the top of the side guard mounting socket.

Optional armrest pads assembly and adjustment



The optional armrest with padding can be mounted on the existing side guard. Adjust the armrest height by selecting the mounting holes in side guard band.

Tighten the optional armrest in place, using the supplied fasteners.