



# iBars Parallel Bars

## User Guide

**iBars®**, a revolutionary new concept to replace traditional parallel bars, gift therapists with the additional options allowing them to increase and decrease gradient to simulate slopes – a feature exclusive to iBars.

This product is already being used in major rehabilitation departments with a wide selection of patients, to treat conditions from head injury to those with recently fitted prosthetic devices. Rehabilitation often takes place in the traditionally flat clinical environment. Patients however, can experience problems when attempting to tackle uneven terrain. iBars solves this emulating the experience.

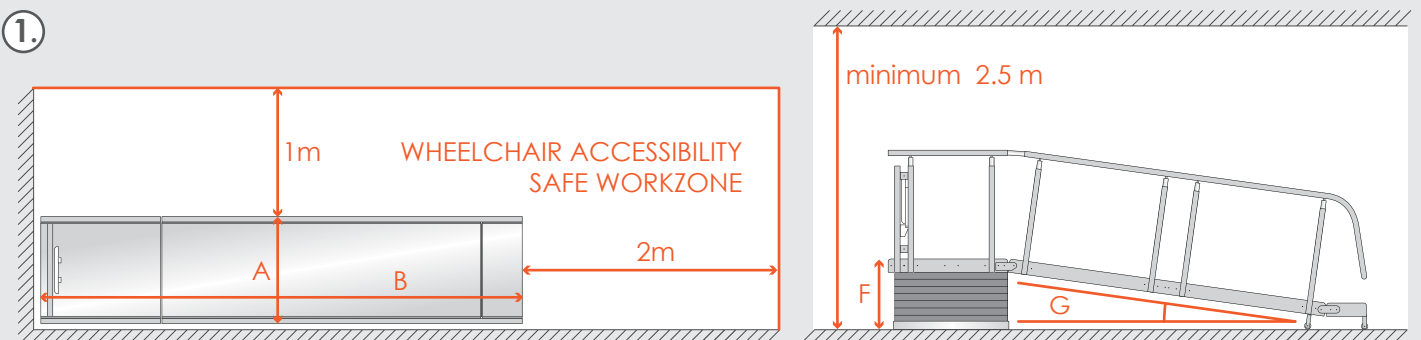
### Features and Benefits

- iBars bring the outdoor challenges indoors
- Allows gait training for variable slopes
- Tests how prosthetic feet cope with different gradients
- Tests the stability of prosthetic knees in a safe environment
- Clinicians can measure the incline to set targets and record patient achievements
- Stance control devices, e.g. hydraulic knee units can be set optimally for suitable inclines
- iBars can be relocated within the clinic and don't have to be fixed to the floor
- Walking platform adjusts in angle up to 10 degrees
- Height adjustable hand rails (5cm increments)
- Electrically operated hand control
- Use horizontally as conventional parallel bars
- It features a sturdy seat at the closed end which folds away neatly when not in use



### Recommendations for use /activity level

The iBars provide an environment for rehabilitation that stimulates real life challenges more closely than a flat clinic room. Can be used for any rehabilitation challenges where slopes and gradients will be a barrier to patients desired mobility in their everyday lives. The iBars can also be used flat as a conventional parallel bars set up.





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### iBars Set-up

- iBars system should be installed correctly
- iBars system needs to be on a level floor to ensure that the walkway is flat / level when initially calibrated
- iBars system needs to be installed in an area that is large enough to create a safe working zone (see diagram 1)
- Special attention should be taken to ensure that the location has enough ceiling high to allow for safe operation (see diagram 1)
- Mains power supply is required and care should be taken that any cabling is correctly managed to limit any health and safety risks – iBars should be switched off when not in use

### Instructions for Use

- Switch on the iBars at the mains power switch
- Using the Digital Meter – set the gradient degree as required min 0 degree – 12 degrees (see diagram 2)
- Using the remote controller use the up and down buttons (see diagram 3) to elevate / descend the iBars platform
- Hand rails should be adjusted to the Patients height requirements – guidelines, patients should feel comfortable taking a portion of weight through their arms as per measuring for a pair of crutches
- DO NOT elevate or descend the platform whilst a patient is on the walkway – the walkway can be safely adjusted (elevated / descended) if the patient is SEATED on the folding chair at the top of the platform only (see diagram 4)
- iBars can be directly accessed from a standard sized wheelchair – the extended handles allow for the wheelchair user to stand prior to stepping onto the walkway.
- In the event of a need to stop the iBars the emergency stop button is located on the top of the remote controller (see diagram 3)
- Patients should not be left unattended on iBars

### Maintenance Management

- iBars should be regularly cleaned with a damp cloth and alcohol free cleaning agent
- iBars calibration should be checked on a monthly basis – return the walkway to 0 degree gradient (fully descended) and check that the walkway is flat using a spirit level

