

**x:panda seat**

User information appropriate for use by people with visual, reading or cognitive disability

The latest version of all instructions are always available on the R82 website [support.R82.org](http://support.R82.org) and can be printed in larger sizes

Information available in pictogram

The instructions are made as pictograms

Intended use and intended environment including standard options

x:panda is a multi-adjustable seat, delivered in 4 different sizes. Each seat adjusts in 3 different widths and step less in seat depth. The back is dynamic, making it possible for the child to extend and push back against relatively light resistance and then recover into the desired sitting position. Furthermore, the back angles to make it possible to place the child with either an open or closed hip angle. When angling the seat and the base it is possible to create the desired working or resting position.

The x:panda is suitable for users needing an individual seating system e.g. children/youngsters with:

- CP at GMFCS level III-V
- Strong extensor spasticity
- Developmental delays (physical or mentally handicapped)

The many adjustment possibilities and wide range of accessories makes it possible to adjust the seat to an individual child's need for comfort and support.

If mounted on frame with labeled securement points and transport fittings the x:panda can be used for forward facing transport in motor vehicles with approved 4 point strap-type tiedown system and approved 3 point belt. For transportation the x:panda is suitable in the load range of 22 kg to specified max load for transportation.


The seating system is intended only for use with frames tested as a part of a complete wheelchair system that conforms to the performance requirements of ISO 7176-19.

**Maintenance instructions**

Maintenance of a medical device is wholly the responsibility of the owner of that device. Failure to maintain a device in accordance with the instructions may invalidate the device's warranty. Furthermore, failure to maintain a device may compromise the clinical condition or safety of users and/or their caregivers.

Frequency	Description
Daily	<ul style="list-style-type: none"> <li>- Use a dry cloth to clean the product</li> <li>- Visual inspection. Repair or replace any damaged or worn-out parts</li> <li>- Ensure that all fasteners are in place and fitted correctly</li> <li>- Check all fittings and buckles for signs of worn out parts</li> <li>- Be aware of any max mark indications before adjustment</li> </ul>
Weekly	<ul style="list-style-type: none"> <li>- Wipe off any residue and dirt from the product using a cloth with warm water and a mild detergent/soap and dry before use</li> </ul>
Monthly	<ul style="list-style-type: none"> <li>- All nuts and bolt on this product must be checked and tightened to avoid unnecessary failures</li> <li>- Oil the swing-away parts. We recommend you use a professional lubricant system</li> </ul>

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	<ul style="list-style-type: none"> <li>- The x:panda has to be checked and tightened by a qualified technician at least every 12 months to avoid failures.</li> </ul>
Annually	<ul style="list-style-type: none"> <li>- Inspect the product for cracks or signs for worn-out parts and carry out annual service. Never use a product which appears to be sub-standard or faulty</li> </ul>
Cleaning description	<p>The cushion is removable and the cover can be washed at max. 40°C using a mild detergent in a washing machine. The upholstery is incontinence proof and can be hand washed in warm water. Let the foam cushion dry before inserting them back into the cushion cover. The condition of the upholstery should be checked at least every six months and replaced if necessary. It is important to keep the frame clean to maintain the validity of the chair.</p> <p>This product can be washed at 60°C using a mild detergent for 15-20 minutes in a warewashing washing machine designed for medical devices. Use the machine's drying function to dry the product. Remove all accessories and cushions before washing the main product. Clean the accessories separately. Please allow the product to dry before reuse.</p>
Disinfection description	<p>The product without accessories and cushion can be disinfected with a 70% disinfectant solution. It is recommended to wipe off any residue and dirt from the product, using a cloth with warm water and a mild detergent/soap without chlorine and let it dry before disinfection.</p>
Dimensions	<a href="http://www.R82.org">http://www.R82.org</a> - Select product or click <a href="#">here</a>
Mass	<a href="http://www.R82.org">http://www.R82.org</a> - Select product or click <a href="#">here</a> Mass of test dummy is 100 kg (EN12183).
Maximum slope	N/A
Type(s) of tyres	N/A
Used in combination with other products	Can be used in combination with High-low:x, Nandu Frame, Strong Base, Multi Frame, Multi Frame:x, Combi Frame:x, and Stingray Frame
Conformity	The product conforms to standard EN 12182 and EN12183 including requirements and test methods for static, impact and fatigue strengths (ISO 7176-8)
Resistance to ignition	The product conforms to standard EN 12182 and EN12183 including requirements for resistance to ignition in accordance with ISO7176-16, EN1021-1 and EN1021-2
Warning about dangerous combinations	<p>The CE mark must be removed when rebuilding the product, when used in combination with a product from another manufacturer or when using other than original R82 spare parts and fittings.</p> <p>The x:panda might loose its flame resistant characteristics if using other than original R82 cushions.</p>
List of accessories, detachable parts and materials	<a href="http://www.R82.org">http://www.R82.org</a> - Select product or click <a href="#">here</a>
Programmable controller information	N/A
Operator control adjustments	Manual

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Folding and dismantling	N/A
Used in motor vehicles	<p>The x:panda seat complies with both ISO 16840-4 and ISO 7176-19, for safe transportation in motor vehicles. Detailed information about configurations for frames and seat, max. load/user weight and transportation can be found <a href="#">here</a></p> <p>The user should transfer to the vehicle seat and use the vehicle-installed restraint system whenever possible.</p> <p>The product must be placed in a forward-facing position, when used as a seat in a motor vehicle. Use an approved 4-point strap-type tiedown system according to ISO 10542-2.</p> <p>Use an approved 3-point belt according to ISO 10542-1 in the wheelchair. Restraints should not be held away from the body by wheelchair components such as armrests or wheels. It is not enough ONLY to use a hip belt.</p> <p>All accessories must be removed from the wheelchair and secured separately in the vehicle. Accessories which can't be removed, must be secured to the wheelchair but positioned away from the user with energy-absorbing padding placed between the accessories and the user.</p> <p>The product should be inspected by the dealer before reuse following involvement in any type of vehicle collision.</p> <p>The instructions on how to prepare the seat and frame, must be carried through before transportation. Transport fittings must be mounted and labelled as below before use for transportation in motor vehicles.</p>  <p>Ease of access to and manoeuvrability in, motor vehicles can be significantly affected by size of device and turning radius, and the smaller device and/or device with a shorter turning radius will generally provide greater ease of vehicle access and manoeuvrability to a forward facing position.</p> <p>In accordance with ISO 7176-19 Annex D, the product is evaluated with regard to the ability to accommodate vehicle-anchored pelvic and shoulder belts.</p> <p>The x:panda receives an overall score of "Good".</p>
Transport instructions (unoccupied)	Land and/or air
Sound power level	N/A