

Stingray Frame

| User information appropriate for use by people with visual, reading or cognitive disability | The latest version of all instructions is always available on the R82 website 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 | <p>The Stingray has been designed for children who need good comfort and support. The seat depth and back height are easy to adjust, making it possible to expand the seat as when the child grows. The Stingray is suitable for users needing practical outdoor transportation, e.g. children with CP, GMFCS level 3-5. The Stingray comes in 2 sizes.</p> <p>If mounted with seat and labeled transport fittings the Stingray frame 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 Stingray Frame is suitable in the load range of 22 kg to specified max load for transportation.</p> | | | | | | | | | | | | |
| Maintenance instructions | <p>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.</p> <table border="1" data-bbox="592 1021 1350 1883"> <thead> <tr> <th>Frequency</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1st Day</td> <td> <ul style="list-style-type: none"> - Read the User Guide carefully before use and store it in a safe place for future reference - Store the enclosed tools on/at the product </td> </tr> <tr> <td>Daily</td> <td> <ul style="list-style-type: none"> - Use a dry cloth to clean the product - Visual inspection. Repair or replace any damaged or worn-out parts - Ensure that all fasteners are in place and fitted correctly - Check all fittings and buckles for signs of worn out parts - Be aware of any MAX mark indications before adjustment </td> </tr> <tr> <td>Weekly</td> <td> <ul style="list-style-type: none"> - Check that all wheels are moving freely and that all wheel locks/brakes are easily activated - Wipe off any residue and dirt from the product using a cloth with warm water and a mild detergent/soap and dry before use </td> </tr> <tr> <td>Monthly</td> <td> <ul style="list-style-type: none"> - All nuts and bolt on this product must be checked and tightened to avoid unnecessary failures - Oil the swing-away parts. We recommend you use a professional lubricant system - Check the tire pressure: Front wheels 36 PSI/250 kPa; Rear wheels 40 PSI/ 2.75 bar - The Stingray Frame must be checked and tightened by a qualified technician at least every 12 months to avoid failures. </td> </tr> <tr> <td>Annually</td> <td> <ul style="list-style-type: none"> - 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 </td> </tr> </tbody> </table> | Frequency | Description | 1 st Day | <ul style="list-style-type: none"> - Read the User Guide carefully before use and store it in a safe place for future reference - Store the enclosed tools on/at the product | Daily | <ul style="list-style-type: none"> - Use a dry cloth to clean the product - Visual inspection. Repair or replace any damaged or worn-out parts - Ensure that all fasteners are in place and fitted correctly - Check all fittings and buckles for signs of worn out parts - Be aware of any MAX mark indications before adjustment | Weekly | <ul style="list-style-type: none"> - Check that all wheels are moving freely and that all wheel locks/brakes are easily activated - Wipe off any residue and dirt from the product using a cloth with warm water and a mild detergent/soap and dry before use | Monthly | <ul style="list-style-type: none"> - All nuts and bolt on this product must be checked and tightened to avoid unnecessary failures - Oil the swing-away parts. We recommend you use a professional lubricant system - Check the tire pressure: Front wheels 36 PSI/250 kPa; Rear wheels 40 PSI/ 2.75 bar - The Stingray Frame must be checked and tightened by a qualified technician at least every 12 months to avoid failures. | Annually | <ul style="list-style-type: none"> - 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 |
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Cleaning description The product can be washed at 60° using a mild detergent for 15-20 minutes in a washing machine designed for medical devices. Use the machine's drying function to dry the product.

| Stingray Frame | |
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| Disinfection description | The product can be disinfected with a 70% disinfectant IPA 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. |
| Dimensions | http://www.R82.org - Select product or click here |
| Mass | http://www.R82.org - Select product or click here Mass of test dummy is 40 kg (EN12183). |
| Maximum slope | N/A |
| Type(s) of tires | N/A |
| Used in combination with other products | Can be used in combination with Panda Futura, x:panda and the Stingray Seat |
| 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 Stingray Frame might loose its flame-resistant characteristics if using other than original R82 cushions.</p> |
| List of accessories, detachable parts and materials | http://www.R82.org - Select product or click here |
| Programmable controller information | N/A |
| Operator control adjustments | Manual |
| Folding and dismantling | N/A |
| Used in motor vehicles | <p>The Stingray Frame 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 here</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> |

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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.

The product should be inspected by the dealer before reuse following involvement in any type of vehicle collision.

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.



Ease of access to and maneuverability 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 maneuverability to a forward-facing position.

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.

The Stingray Frame receives an overall score of "Good".

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| Transport instructions (unoccupied) | Land and/or air -10 – 50°C |
| Sound power level | N/A |