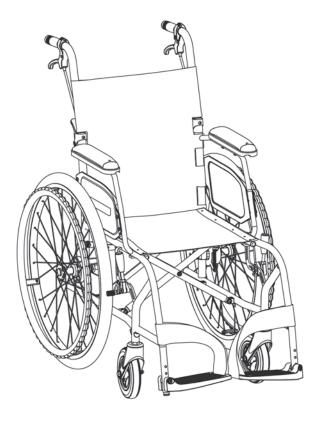
# **Panasonic**

# Operating Instructions Light weight wheelchair Licle R

Product No. PN-S401100△
Product No. PN-S401101 $\triangle$
Product No. PN-S401120 $\triangle$
Product No. PN-S401121 $\triangle$
Product No. PN-S401200 $\triangle$
Product No. PN-S401201 $\triangle$
Product No. PN-S401220 $\triangle$
Product No. PN-S401221 $\triangle$

Availability of model varies by country.  $\triangle$  will be replaced by colour part number.

Navy: A Wine red: R



### **Contents**

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# Thank you for buying Panasonic product.

- Please read these instructions carefully and operate the product in a safe and correct manner.
- Please make sure to read the "Safety Precautions" (Pages 2-4) before use.
- Please keep sales invoice for warranty services and visit our website for details.

# Safety Precautions Must Follow

The followings explain what are required to follow in order to prevent any harm to human body and damage to property.

■ The followings explain the different levels of hazard and damage that would occur due to incorrect use.

**Warning** It means "it may cause death or serious injury".

Caution It means "it may cause injury or property damage."

The following symbols indicate what you are required to follow.



What you should not do.



What you should do.



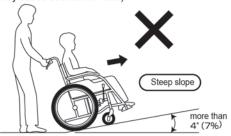
For prevention of overturn, falls and injury etc.





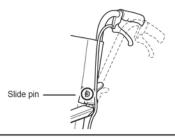
Don't stand on the footrests or seat (It may cause Flip Over.)

- Don't tilt the wheelchair forward on staircases and uneven terrain. (It may cause overturn or falls.)
- Don't tip up the front wheels too high when crossing over a step. (It may cause overturn or falls.)
- Don't use it as an alternative of springboard, stepladder or walking assisting apparatus. (It may cause falls.)
- Don't lift up the casters too high. (It may cause overturn or falls.)
- Don't use the wheelchair on steep slope. (It may cause overturn or falls.)





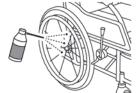
- Please ask for assistance of the attendant when using the wheelchair in an unstable place such as uneven terrain, slope and tilted road. (It may cause overturn or falls.)
- When getting in and out of or temporarily stop the wheelchair,or the attendant is away, be sure to engage the parking brakes on both wheels. (It may cause overturn or falls.)
- When crossing over a ditch or railroad crossing, don't let the casters or wheels fall into it. (If falling into a ditch, it may cause accident.)
- Go forward when moving up the slope or a place with difference in level, and go backward when moving down the slope.(It may cause the occupant to slip down or fall at the front and get injured.)
- Make sure the slide pin of the folding part of the back support is fully out and you can hear a "tick" sound. (It may cause overturn.)



#### Main body



- Don't load over the maximum limit. (It may cause a breakdown or damage.)
- Don't lubricate the brake drum. (It may disable the brake and cause accident.)





- Keep clear of small children. (It may cause accident.)
- Don't modify, dismantle or repair it. (It may cause a breakdown or damage.) →Please contact your dealer for repair.

#### Please take care of the following matters as well.



Operate the wheelchair by holding onto the handrim and don't let your hands get caught by the driving wheels. (For self-propelled)

(The fingers may get caught and injured.)



- When running on the road, observe traffic rules as a pedestrian but not as a vehicle. (It may cause accident.)
- Please check all parts before use. (It may cause a breakdown or damage.) →If any defect or breakdown is found, please stop using it immediately and contact your dealer.
- The attendant should take a stable body position to **perform a transfer.** (Unstable body position may cause unexpected accident.)

For prevention of overturn, falls and injury etc.



#### When the wheelchair is in motion



- Don't move the wheelchair in a folding condition. (It may cause overturn.)
- Don't bump the wheelchair against any obstacles such as wall. (It may cause a breakdown or damage.)



- **Don't suddenly push, stop or sharp turn the wheelchair.** (It may cause flip over or falls.)
- Don't apply the parking brake while running on a slope or tilted road.
  - \*Except in emergency situations. (It may cause overturn or falls.)
- Don't suddenly tip up the casters (tipping). (It may cause a breakdown or damage.)
- Don't apply the attendant's brake suddenly while running on a slope or tilted road.
  \*Except in emergency situations. (It may cause overturn or falls.)



- When use it at night or rainy day, be careful to let the wheelchair visible to other vehicle drivers. (It may cause a traffic accident.)
- When in use, firmly install the leg supports. (The foot may get caught and injured.)
- When in use, put the legs properly on the leg supports. (The foot may get caught and injured.)

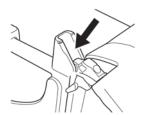


- Don't let the wheel run over the feet while in motion. (The foot may get caught and injured.)
- When running on a slope or uneven terrain, don't let the footrests scratch with the floor. (Burr may develop and may cause injury.)
- When the wheelchair is running, don't let the toe of the occupant bump against any obstacle. (Bumping may cause injury.)
- Don't let the body lean out of the wheelchair or anything that will reduce the stability during running. (It may cause unexpected accident and injury.)
- At the time of tipping, don't make a false step on the tipping lever.(It may cause unexpected accident and injury.)
- Be careful when running on a road in poor condition such as slope and slippery floor.(It may cause overturn or falls.)

#### To prevent any part of the body get caught



- Don't put fingers into the gap between the tyres and the main body frame. (Fingers may get caught and injured.)
- Don't let your hands and clothes get caught. (They may be caught by the wheelchair.)
- Don't put fingers or object into the gap of the folding parts. (Fingers may get caught and injured.)



- Don't put hands near the operation parts of the parking brake (near the tyres). (Fingers may get caught and injured.)
- When flipping up and down the footrests, don't put fingers into the movable parts and frame. (Fingers may get caught and injured.)
- When attaching and detaching the footrests, don't put finger into the gap between the frame and lever. (Fingers may get caught and injured.)
- When flipping up and down the armrests, don't put fingers into the gap between the armrest and frame. (Fingers may get caught and injured.)
- When folding and unfolding the wheetchair, don't let hands get caught by the frame and movable parts. (Fingers may get caught and injured.)





Don't let hands get caught in the gap between the handrim and obstacles such as walls etc. (For self-propelled) (Fingers may get caught and injured.)

# **Safety Precautions**



For prevention of overturn, falls and injury etc.



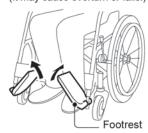
#### When getting in and out of the wheelchair



- Don't sit on any part of the wheelchair other than the seat. (It may cause overturn or falls.)
- Don't apply too much force when sit on the seat.
   (It may cause overturn, falls and damage to the main body.)
- Don't lean out or put too much weight on one side.
   (It may cause unexpected accident and injury.)
- Don't raise up the occupant's feet when the parking brake is on. (It may cause backward overturn and injury.)



 Be sure to flip up the footrests when getting in and out of the wheelchair. (It may cause overturn or falls.)



### Please take care of the following matters as well



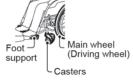
- Don't hold onto the armrests and grips to lift up the wheelchair. (It may cause injury due to damage.)
- Don't sit on or apply excessive force on the armrests. (It may cause overturn.)
- Don't let more than one person sit on the wheelchair. (It may cause injury due to a breakdown and damage.)
- Don't let anything other than human be on the wheelchair.
   (It may cause a breakdown or damage.)
- Don't place the wheelchair near sources of fire or objects of high temperature.
   (It may cause burn and fire.)



- Don't put anything on the wheelchair when not in use.
   (It may cause injury due to deformation and damage.)
- Don't store the wheelchair outdoor or expose it to direct sunlight.
   (It may cause injury due to discoloring, deformation and damage.)
- Don't side push the wheelchair when the brake is engaged. (It may cause overturn.)
- Don't use the feet to stop the wheelchair. (It may cause injury.)
- Don't put sharp object into the pocket of the back support.
   (It may cause unexpected accident and injury.)
- Don't hang anything on the grips and levers of folding back support. (It may cause overturn.)
- Don't hold onto anything other than the mainframe to lift up the wheelchair.

(It may cause injury due to a breakdown and damage.)





 If the body size or body condition is not suitable for the wheelchair, don't use it.

(It may cause unexpected accident and injury.)



- Clear the pocket first before folding the wheelchair. (It may cause a breakdown or damage.)
- Ask the dealer for adjusting the footrest height. (It may cause unexpected accident and injury.)
- Firmly fix the hook-and-loop fasteners of the back support and leg supports.
   (It may cause injury due to a breakdown and damage.)
- Don't let the clothes and accessories come out from the side guards.

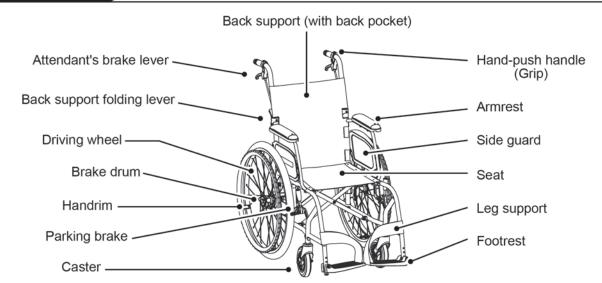
(It may cause unexpected accident and injury.)

- If the body condition of the occupant deteriorates significantly or the wheelchair is used by an occupant requiring caregiving, the occupant must be attended by a caregiver.
  - (It may cause unexpected accident and injury.)
- If the wheelchair is propelled by an attendant, keep the occupant's arm inside the armrests. (It may cause unexpected accident and injury.)
- When transfer from the wheelchair to a car, put on the parking brake and securely fix the mainframe. (It may cause unexpected accident and injury.)

# Names of each part

**Self-propelled** 

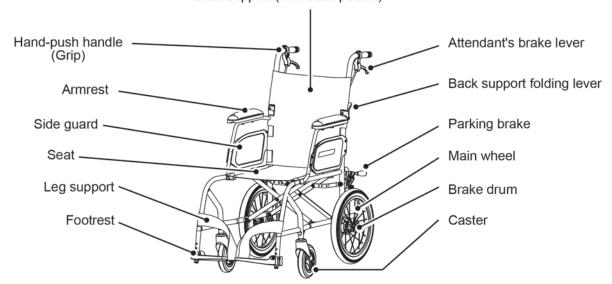
PN-S401100A/R PN-S401120A/R PN-S401200A/R PN-S401220A/R



Attendant-propelled

PN-S401101A/R PN-S401121A/R PN-S401201A/R PN-S401221A/R

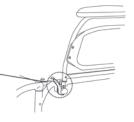
### Back support (with back pocket)



#### About multi-functional type

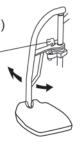
Armrest of multi-functional type (Differ with the standard type in shape)

Flip-up plug of armrest



Footrest of multi-functional type (Differ with the standard type in shape)

Lock lever for swing-out



Accessories

Both equipped with accessories.



Hexagonal wrench (5mm)

x 1



Storage case

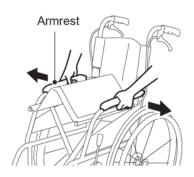
x 1

# **Preparing for first time use**

# Folding and unfolding the wheelchair

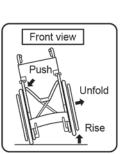
Unfolding the wheelchair

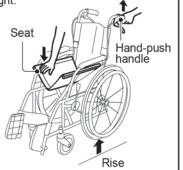
Hold onto the armrests and gently open it to left and right sides.



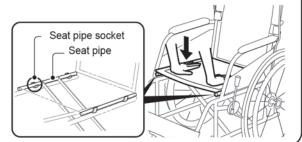
**2** Lift up one side of the hand-push handles to let the wheel rise up a little bit from the ground and push the seat edge of the opposite side down.

Be careful not to get your hands caught.



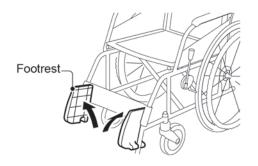


Press the seat edge from the front and check if the seat pipes are completely fitted in the seat pipe socket (4 locations).

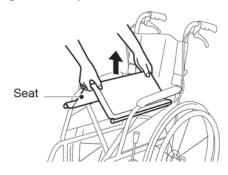


Folding the wheelchair

Thip up the footrests on both sides.



**2** Grasp the middle of the seat at the front and back edge and lift up.



Hold onto the armrests and close the wheelchair from left and right sides.

Be careful not to get your hands caught.



### **A** Caution

 When folding and unfolding the wheetchair, don't let hands get caught by the frame and movable parts. (Fingers may get caught and injured.)



# How to raise up and fold the back support

To raise up

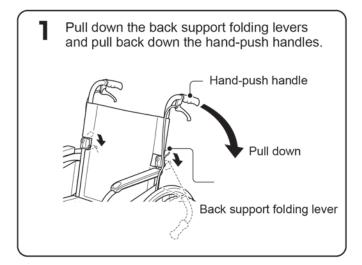
Raise up the hand-push handles

Hand-push handle

Raise up

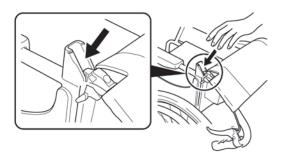
Back support folding lever

To fold



### **A** Caution

- Check if the slide pins of the back support folding part are completely out and a "tick" sound. (It may cause overturn.)
- Don't let fingers or object get caught in the gap of the folding parts of the back support. (Fingers may get caught and injured.)



### **Notices to attendant**

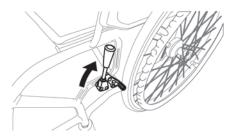
Be sure to observe the following content when attending the occupant in the wheelchair.

- The occupant must be attended by a caregiver at the following locations.
  - Places with differences in level and uneven terrain
  - Up and down a steep slope
  - Places with ditches such as elevator and railroad crossings
  - Other possible dangerous places
- Always check if the clothes and any part of the body (hands and legs) of the occupant would be in contact with or caught by the wheels, buildings, pedestrian and the ground in the course of running.
- Please pay extra attention when attending an occupant with dementia as it is likely that he would put the seat or parts of the wheelchair into his mouth.

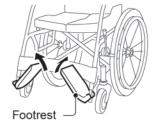
# Getting in and out of the wheelchair

Get in the wheelchair

Put on the parking brake.



**2** Flip up the footrests.



**3** Get in the wheelchair and put down the footrests.

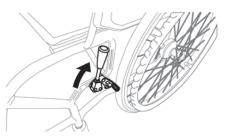


4 Put the feet on the footrests.



Get out of the wheelchair

Put on the parking brake.



**2** Flip up the footrests and get out of the wheelchair.



# Lock and unlock the brake

To put on the parking brake

Put on the parking brake in the direction shown in the following pictures.

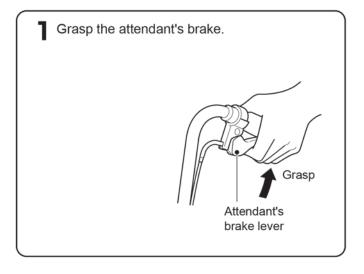
Self-propelled

Unlock
Parking

Attendant-propelled

Unlock
Parking

To put on the attendant's brake.

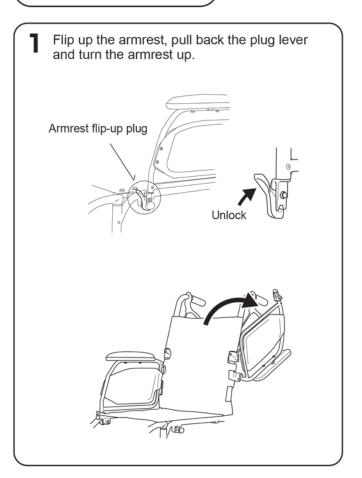


### **A** Caution

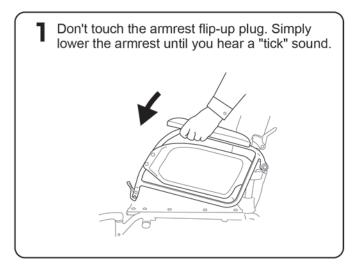
- When getting in and out of the wheelchair, stopping the wheelchair temporarily, or the attendant being away etc., the parking brakes on both left and right wheels must be engaged. (It may cause overturn or falls.)
- Don't place hands near the operation parts of the parking brake (near the tyres).
   (Fingers may get caught and injured.)

# Flip up and down the armrests (only applicable for multi-functional type)

To flip up the armrest

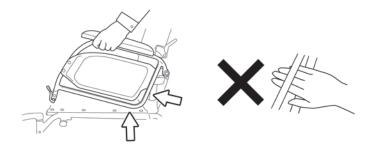


To lower the armrest



# **A** Caution

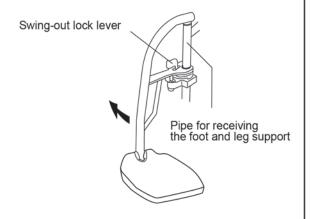
When flipping up and down the armrests, don't put fingers into the gap between the armrest and the frame.(Fingers may get caught and injured.)



# Attach and detach the footrest (only applicable for multi-functional type)

#### To detach the footrest

1 Keep pulling back the swing-out lock lever and open the footrest outward.



**2** After turning the footrest 45 degree outward, pull it out from the top.

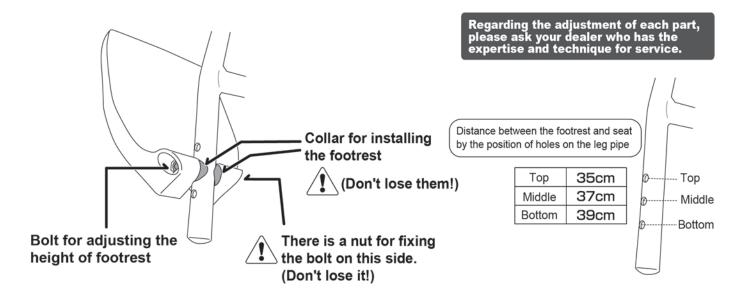
#### To install the footrest

- When the footrest is open at the angle of 45 degree outside, insert the inner pipe of the footrest straight into the top opening of the receiving pipe of the footrest.
- 2 Turn the footrest inward until you hear a "tick" sound.

### **A** Caution

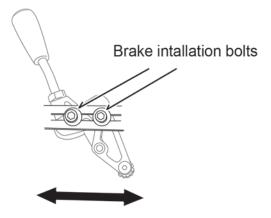
- When flipping up and down the footrests, don't put fingers into the gap between the footrest and the frame. (Fingers may get caught and injured.)
- When attaching and detaching the footrest, don't put finger into the gap between the frame and lever. (Fingers may get caught and injured.)

# Adjust the height of footrest



Unscrew and remove the bolt for adjusting the footrest height by a 5mm hexagonal wrench. Reinstall it at the hole of the leg pipe at the desired height position. After installation, firmly screw and fix the bolt for adjustment.

# Adjust the parking brake



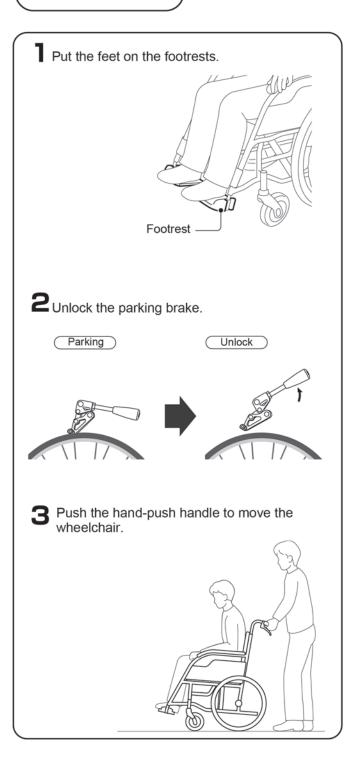
- Unscrew the brake installation bolts of the parking brake.
   (Please use a 4mm hexagonal wrench)
- Slide the main body of the brake to the position where the brake can firmly engage.
- Firmly screw clockwise and fix the brake installation bolts.

# **Moving the wheelchair**

### Self-propelled

Put the feet on the footrests. Footrest **2** Unlock the parking brake. Parking Unlock **3** Turn the handrim to move the wheelchair. Handrim

### Attendant-propelled



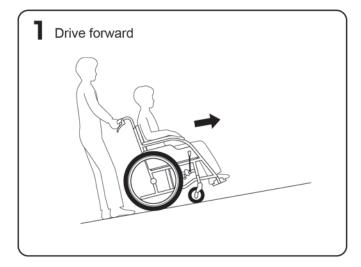
# **A** Caution

When attended by a caregiver, keep the arms of the occupant inside the wheelchair. Also applies to the self-propelled wheelchair as well while in use.

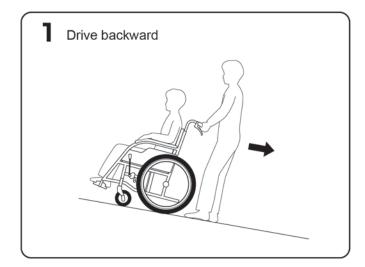
# Up and down a slope

Be sure to be attended on a slope even for self-propelled user.

Uphill



Downhill

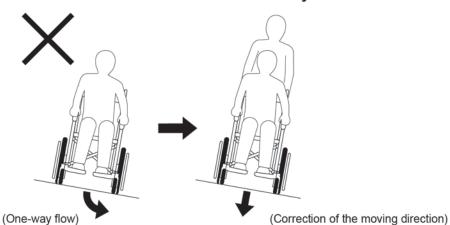


# Running on a road tilted to one side

Be sure to be attended on a tilted road even for self-propelled user.

When running on a road tilted to one side (e.g. sidewalk with lower edge), the wheelchair will move to a lower side if the wheels run (one-way flow). Please ask the attendant for correcting such deviation from the moving direction.

### Correction by an attendant

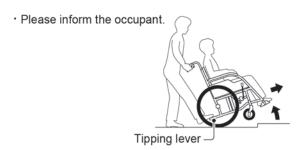


# Cross over an obstacle · up and down a staircase

Be sure to be attended when crossing over an obstacle even for the self-propelled user.

To cross over an obstacle

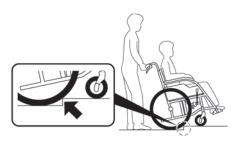
Step on the tipping lever to raise the wheelchair casters.



Put the casters on the upper staircase.



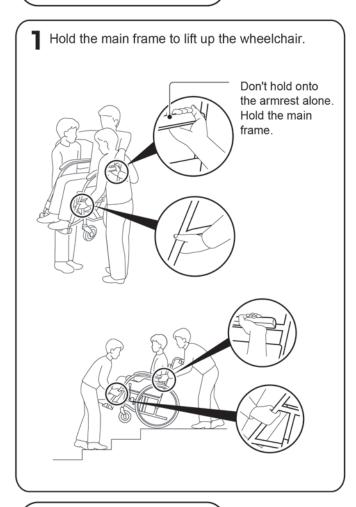
Hit the driving wheels or the main wheels to the point of level difference.



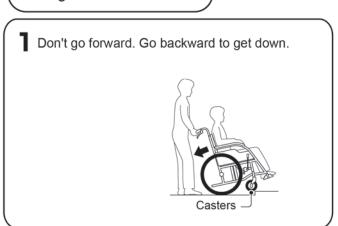
4 Tip the wheelchair.



Up and down a staircase



Going down an obstacle



# **Maintenance**

It is likely to use the wheelchair for a long period of time without noticing any problem that may have already existed.

For safety reason, please conduct the maintenance regularly.

### Please conduct the maintenance more than once a month

- Check if there are any crack, damage and holes on the tyres.
- Check if any groove left on the tyres.
- Check if the attendant's brakes and parking brakes work well.
- Check the damage, rattle, loosening of bolts and nuts of each component.
- Check if any deformation and damage found on parts of each component.

### Please follow the instructions below to remove dirt

### Seat

Wipe the seat by using a cloth dampened with warm water. Then dampen a cloth with clean water to wipe again for finishing and let it dry.

If it is difficult to remove dirt, dampen a cloth with neutral detergent to wipe it off. Then dampen a cloth with clean water to wipe away neutral detergent.

Use a spongy or soft brush to clean away stain.

### Plastic part

Armrest, footrest, side guard, handrim, attendant's brakes etc. are all made of plastic. Apply neutral detergent available in the market to clean and then wash away the detergent with water thoroughly.

### Metal part (Frame, wheels)

Use a dry cloth to clean away dirt on metal parts such as the frame thoroughly.

No need to wash the spoke with water. Suffice to remove dirt.

Please use neutral detergent available in the market for cleaning away dirt on parts of irregular shape and stubborn dirt.

### **A** Caution

- Use neutral detergent. (It may cause deformation, discoloring, damage and crack.)
- Don't use volatile solvents such as thinner and benzine. (It may cause deformation, discoloring, damage and crack.)
- Don't use a scrubbing brush, polishing powder and hard brush etc. (It may cause damage.)
- Don't do ozone disinfection. (It may cause deformation, discoloring, damage and crack on rubber parts.)

# **Storage**

- Please store the wheelchair and parts at a place of good ventilation without direct sunlight.
- Please do not put the wheelchair at the following places.
  - · Places under direct sunlight (including inside a vehicle)
  - · Places close to fire sources or high temperature such as stove
  - · Places of high humidity and exposed to rain
  - · Places accessible by children
  - · In the middle of a slope
  - · Places close to traffic roads
  - · Crowded places
  - · Places with difference in level and uneven terrain
  - · Places exposed to sea wind
  - · Dusty places
- As the lifetime of urethane material is limited, please pay attention to the following matters.
  - Urethane is an excellent material for cushion, however, it may develop fracture, crack and collapse due to aged deterioration regardless of frequency in use.
  - · Please avoid to store at a place of poor ventilation over a long period of time.
  - If a symptom like fracture, crack or collapse is found, please stop using it and ask your dealer for parts replacement.



Be sure to check all parts before use.

# Before asking for repair, please check the following items and measures.

If the defect remains even after having taken necessary measures, please contact your dealer.

Symptoms		Possible reasons		Measures
		The balance of the main wheels and driving wheels differ on left and right.	•	Please replace the main wheels and drving wheels.
Fail to go straight.	▶	The parking brake is still engaged.		Please unlock the parking brake.
		The installation of casters is loosened or failed to rotate.	•	Please ask the dealer for repair.
Failure of the parking brake	•	The brake shoes are dirty.	•	Please wipe off the oil on the brake shoes.
	▶	The tyre of main wheels and driving wheels are worn.		
	▶	The brake is not tight enough. (The main body moves.)		Please ask the dealer for repair.
	•	The brake shoes fail to hit on the tyre.		
Failure of the attendant's brake	•	The tyre of main wheels and driving wheels are worn.		
	•	The brake wire stretches or broken.	•	Please ask the dealer for repair.
	<b>•</b>	The brake shoes are worn.	•	
	<b>•</b>	The footrest gets in the way.	•	Please check again after
Fail to fold the wheelchair	•	The load on the wheelchair is caught.	•	returning to normal condition.
	•	The folding mechanism of the wheelchair is tight.		Please ask the dealer for repair.
	•	The driving wheels and main wheels hit on the road curb.		Please check again after returning to normal condition.
Fail to unfold the wheelchair	•	The seat is sandwiched.		returning to normal condition.
Wilderian	•	The folding mechanism of the wheelchair is tight.	•	Please ask the dealer for repair.
Bad smell	•	The seat and armrests get dirty.	•	Please wipe off the dirt.
Strongo raisa	•	The seat stretches and gets in the way.	•	
Strange noise The wheelchair becomes unsteady.	•	No lubrication due to rust, abrasion and dirt etc.		Please ask the dealer for repair.
	•	Bolts of the main wheels and driving wheels get loosened.	•	

# **Specifications**

		Seat v	width 40cm	Seat width 42cm				
Standard		Self-propelled	elled Attendant-propelled Self-propelled		Attendant-propelled			
		PN-S4011100A/R	PN-S401101A/R	PN-S401120A/R	PN-S401121A/R			
Overall length *	1 mm	970(960)	970(870)	970(960)	970(870)			
Overall height *	1 mm	920(690)						
Overall width *1	mm	560(280)	540(280)	580(280)	560(280)			
Backrest height	mm	400						
Seat depth	mm	380						
Front seat heigh	nt mm	440						
Back seat heigh	nt mm	420						
Armrest height	mm	250						
Caster	inch	6						
Driving wheel (main wheel)	inch	22(25-501)	14	22(25-501)	14			
Weight	kg	10.3	9.0	10.3	9.0			
Maximum user load *2	kg	100						
Material		Main frame: Aluminum alloy 7003 / Powder coating Side guard: Polypropylene Seat: Nylon						

	Seat	width 40cm	Seat wid	dth 42cm			
Multi-functional	Self-propelled	Attendant-propelled	Self-propelled	Attendant-propelled			
	PN-S4011200A/R	PN-S401201A/R	PN-S401220A/R	PN-S401221A/R			
Overall length *1 mm	990(980)	990(900)	990(980)	990(900)			
Overall height *1 mm	920(690)						
Overall width *1 mm	560(280)	540(280)	580(280)	560(280)			
Backrest height mm	400						
Seat depth mm		380					
Front seat height mm		440					
Back seat height mm		420					
Armrest height mm		250					
Caster inch		6					
Driving wheel (main wheel) inch	22(25-501)	14	22(25-501)	14			
Weight kg	11.2	9.8	11.2	9.8			
Maximum user kg load *2	100						
Material	Main frame: Aluminum alloy 7003 / Powder coating Side guard: Polypropylene Seat: Nylon						

<sup>\*1</sup> The values inside the bracket ( ) of overall length, overall height and overall width are the dimensions when the wheelchair is folded.

<sup>\*2</sup> The maximum user load shown on the wheelchair also includes the load weight.

# **Warranty and aftersales service**

### Please read carefully

### Warranty period: 1 year on-site warranty from the delivery date

However, as casters and tyres are consumable goods, they are "payable" even within the warranty period.

Please keep sales invoice for warranty services and visit our website for details.

#### For enquiry of usage, maintenance and repair:

### Shun Hing Electric Service Centre Ltd.

1/F, Shun Hing Centre, 2 Shing Yiu Street, Kwai Chung, N.T. Hong Kong

Tel: 2406 5777 http://www.shesc.com

Office Hours: Monday to Friday 9:00 am to 6:00 pm; Saturday 9:00 am to 12:00 pm

(Closed on Sunday and Public Holidays)

(Handling of personal information at the customer services)

Shun Hing Group and its affiliates may use client's personal information for consultation and repair services and the conversation may be audio recorded. Our telephone number will be displayed when we call you back on the phone. In addition, personal information will be properly secured and will not be disclosed to a third party unless the repair service is subcontracted to other parties or there is a legitimate reason to do so. For enquiry of personal information, please contact the staff or counter where you have made your enquiry.

#### Sole Agent for Hong Kong and Macau:

# Shun Hing Technology Co., Ltd.

9th Floor, Peninsula Centre, 67 Mody Road, Tsimshatsui East, Kln. Hong Kong Customer Service Hotline: 2313 0666