

Using movable handrails (locking)

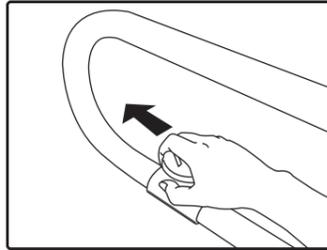
The movable handrails below feature a locking function. Read these instructions carefully to ensure that you use the product correctly. The NS-CM4 model does not have a locking function and should only be used as a handrail when in the horizontal position.

⚠ Warning

! Required

When using a handrail with a locking function, always secure the handrail with the lock in the locking position. After using the handrail, leave it locked for the next person to use. Using the handrail unlocked could result in a fall and cause injury.

NS-CM1n Horizontal movable handrail



1 Unlocking the handrail

Grip the black knob and slide it in the direction of the arrow to unlock the handrail, and then move the handrail. (Once you start moving the handrail, releasing the knob does not lock the handrail again.)



2 Locking and using the handrail at 45°

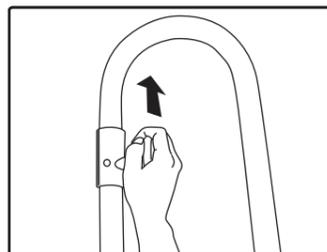
You can use the handrail locked in the 45° position. If you again grip the black knob and slide it in the direction of the arrow to unlock the handrail, you can then move the handrail.



3 Locking and using the handrail at 90°

You can use the handrail locked in the 90° position. If you again grip the black knob and slide it in the direction of the arrow to unlock the handrail, you can then move the handrail.

NS-CM3 Vertical movable handrail



1 Unlocking the handrail

(The figure shows the handrail locked in the 90° position.)

Grip the black knob and slide it in the direction of the arrow to unlock the handrail, and then move the handrail. (Once you start moving the handrail, releasing the knob does not lock the handrail again.)



2 Locking and using the handrail at 45°

You can use the handrail locked in the 45° position. If you again grip the black knob and slide it in the direction of the arrow to unlock the handrail, you can then move the handrail.



3 Locking and using the handrail at 0°

You can use the handrail locked in the 0° position. If you again grip the black knob and slide it in the direction of the arrow to unlock the handrail, you can then move the handrail.

NAKA CORPORATION

<http://www.naka-kogyo.co.jp>



Instruction Manual

For Customers

Handrail with Antibacterial Coating Ainote NS Series

Safety Precautions

In case of emergency, read this document carefully before using this product to ensure that you use it correctly. Note also that the hazards indicated here could have serious consequences depending on the circumstances. These instructions include important safety information and should be followed at all times.

Key to terminology, symbols and icons

- ⚠ Warning** Denotes a hazard which, if the information indicated is ignored or the product is mishandled, could result in death or injury.
- ⚠ Caution** Denotes a hazard which, if the information indicated is ignored or the product is mishandled, could result in property damage.
- ⚠** The **⚠** symbol notifies you of information indicating a Caution (or Warning). Specific precautions are depicted in the figure or nearby. (The figure at left indicates an electric shock.)
- ⊘** The **⊘** symbol notifies you of a prohibited action (action that must be avoided). Specific precautions are depicted in the figure or nearby. (The figure at left indicates that disassembly is prohibited.)
- !** The **!** symbol notifies you of a required action (one that must be carried out). Specific precautions are depicted in the figure or nearby.

Using this Product

⚠ Warning

⊘ Prohibited

Check regularly for looseness or play. Do not use this product while there is any looseness or play.

The handrail could be damaged or dislodged and cause an injury.

! Required

Take great care when using the handrail with wet or soapy hands, or when the handrail is wet or soapy.

Your hand may slip, which could lead to a serious accident.

! Required

Where the user requires care, the carer should take great care to avoid accidents.

The user may lose his or her grip on the handrail, which could lead to a serious accident.

! Required

When using the handrail, take great care not to wedge your hand or arm between the handrail and the wall.

This may trap your hand or arm, which could lead to a serious accident.

! Required

When using a movable handrail (horizontal or vertical), check that there is nothing obstructing the movement of the handrail.

Such objects could strike the handrail user and cause him or her to fall and be injured.

! Required

When using a movable handrail (locking), always check that the lock can be applied.

Failure of the lock to engage or the lock releasing could cause injury.

! Required

Affix the label showing how to use the handrail in a location clearly visible to the user.

Misuse of the handrail could cause an injury.

! Required

Use movable handrails slowly.

Reckless use of the handrail could damage the handrail and/or cause injury.

Warning

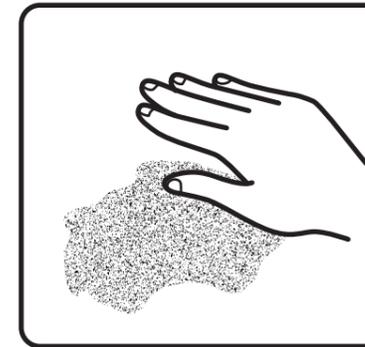
- Prohibited** **Do not disassemble or modify.**
Doing so could damage or dislodge the handrail and cause an injury.
- Prohibited** **Do not use in any way other than as a handrail (swinging, climbing, shaking, kicking, etc.).**
Your hand could slip or the handrail could be dislodged and cause injury.
- Prohibited** **Do not subject to strong impacts.**
Doing so could damage or dislodge the handrail and cause an injury.
- Prohibited** **Take care not to trap your fingers when moving a movable handrail.**
Putting your fingers into the moving parts and then moving the handrail could cause injury.
- Prohibited** **Do not use a vertical movable handrail (without lock) as a handrail when it is raised.**
Movement of the handrail section could result in the handrail falling and causing injury.
- Prohibited** **Do not put water on the moving parts of a movable handrail.**
Doing so could impair the functioning of the handrail and cause an injury.
- Prohibited** **Do not apply more force than necessary to the handrail.**
The permitted static load for the handrail is 1,000 N vertical load and 300 N horizontal load (approx. 100 kgf vertical load, approx. 30 kgf horizontal load). Loads less than these limits are with the range of safe use.

Caution

- Important** **Regular maintenance**
To keep the handrail clean throughout its service life, it can normally be wiped clean with a soft cloth. Heavy soiling can be removed by wiping the soiled area with a soft cloth moistened with a diluted 1%-2% solution of mild detergent and wrung out well.
- No naked flames** **Do not bring flames, such as burning cigarettes, near the handrail.**
Doing so could scorch or melt the handrail.
- Prohibited** **Do not use alkaline, acidic (including weakly acidic) or chlorine-based detergents.**
Using alkaline, acidic or chlorine-based detergents could discolor or degrade the handrail components.
- Prohibited** **Use only the recommended cleanser.**
Using cream cleansers other than the recommended products, or scrubbing the handrail with nylon scourers could scratch and/or discolor the component surfaces.

Cleaning

Daily cleaning of soiling on the top rail will keep the handrail looking clean and attractive. Soiling that cannot be removed with daily cleaning should be cleaned off as described below.



Finger marks

Wipe off with a damp cloth or using a household detergent.

- If using a household detergent, soak a soft cloth in a diluted 1%-2% solution of mild detergent and then wring it out well and wipe off the soiling. Finally, moisten a clean cloth with water and wipe off any remaining detergent on the handrail surface.



Oil, crayon or similar stains

Wipe off soiling use a household detergent, strong detergent (citrus-based) or similar. To remove hardened soiling, use the recommended cream cleanser.

- If using detergent, soak a soft cloth in a diluted 1%-2% solution of mild detergent and then wring it out well and wipe off the soiling. Finally, moisten a clean cloth with water and wipe off any remaining detergent on the handrail surface.
- Take care with cream cleansers as excessive rubbing may dull the gloss finish. If the glossiness is dulled, wipe the area with a cloth dabbed with polishing fluid to restore the gloss.



Dents and scratches

Restore using sandpaper and polishing fluid.

- Use several different grades of sandpaper, moving from coarse to fine (#120 → #240~#400 → #1000). To restore glossiness dulled by sandpaper, wipe the area with a cloth dabbed with polishing fluid.

Recommended Products

○Household detergent

My Pet (Kao)
Magiclean (Kao)



○Cream cleanser

Homing Tough (Kao)
Jif (Unilever Japan K.K.)



○Strong detergent

Orange Ace (Daikyo)
Orangeman (Yuwa)



○Polishing fluid

Rinrei All wax (Rinrei)



○Sandpaper

Emery paper (available from home/hardware centers)
Coarse grade : # 120
Fine grade : # 240 ~ # 400, # 1000