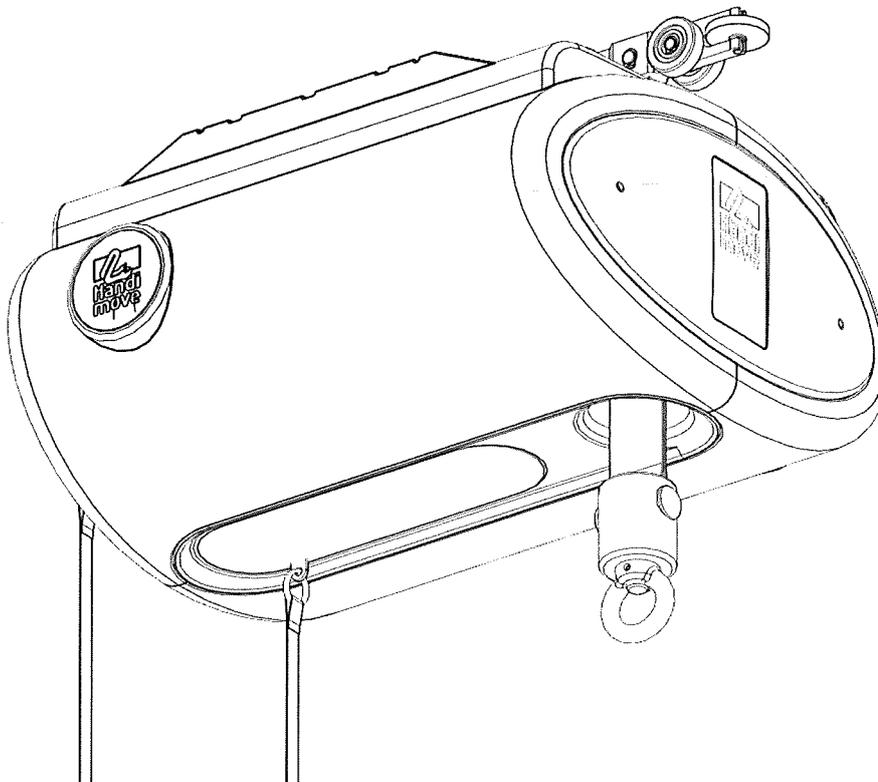


HANDI-MOVE MODEL 2800-2815

CEILING MOTOR

USER GUIDE



CE

Read Thoroughly Before Operating
Have your system inspected at least yearly. See inside user guide for details.
Images may differ from reality.



Table of contents

1.	Safety instructions	3
2.	Scope of application	5
3.	Product information	6
3.1.	Types of ceiling motors	7
4.	Assembly instructions	8
5.	Explanation of the symbols	10
5.1.	Control panel	10
5.2.	Symbols on the nameplate and packaging	10
5.3.	Nameplate and packaging label	11
6.	Operation	12
6.1.	The electric handcontrol for 2800 and 2810 L	12
6.2.	The infrared handcontrol for 2805 IR and 2815 L IR	13
6.3.	The Control Panel (for emergency operation)	13
6.4.	Functions	14
6.5.	Charging the batteries	15
6.6.	Automatically stopping the Ceiling Motor at a specified location.	15
6.7.	IR handcontrol	15
7.	Maintenance and storage space	16
7.1.	Cleaning the ceiling motor	16
7.2.	Storing the ceiling motor	16
8.	Inspection	17
8.1.	Inspection before each use	17
8.2.	Yearly Inspection	17
9.	Troubleshooting	18
9.1.	General	18
9.2.	Removing the cover	18
9.3.	Assembling the cover	18
9.4.	Replacing batteries	19
9.5.	Replacing batteries of the IR handcontrol	20
10.	Technical specifications	21
11.	Parts list	23
12.	Spare parts, maintenance and yearly inspection	24
13.	Limited Warranty	25
14.	EC declaration of conformity	26

1. Safety instructions

Definitions:

- The user: the person using the device, eg. the caregiver, a family member, the wheelchair user,...
- The person responsible: the person who is responsible for the correct use and maintenance of the device.

Before using the ceiling motor, make sure that:

- The user has been given appropriate instruction and training.
- These instructions for use have been carefully read and understood by the user and the person responsible.
- The use of the red Emergency Stop Switch and yellow Safety Down have been explained and demonstrated to the user and the person responsible.
- The caregiver at all times pays enough attention to the lifted person and his/her surrounding (enough space so he/she does not hit furniture, for example).
- The device is only used with Handi-Move items/accessories or items/accessories approved by Handi-Move.
- The ceiling motor is only used to lift people.
- The cords of the red Emergency Stop Switch and the yellow Safety Down are cut to the correct length for this user. For instructions on the correct length see '4. Assembly instructions' and use see '6.4. Functions'.
- Do not use the ceiling motor independently (without supervision) when you are unable to operate the yellow Safety Down.
- You do not use the lift in case of malfunction (see '8. Inspection before each use' p.16). Contact your local Handi-Move/SureHands distributor for repairs.
- If there is electromagnetic interference between the ceiling motor and another device, the two devices are not used together. (e.g. TV remote controls, flat screen TV's, radio, cellphones, certain fluorescent lights,...)
- The service temperature is between -10°C (14° F) and +40°C (104° F). The air humidity is between 30% and 70%.
- You take into account the statutory provisions when the ceiling motor is being used in a damp environment.
- The lift should not come into contact with water drops. When you are using it close to a shower, bath or wash basin, make sure to remove it immediately after use and store it in a dry area.
- If using the ceiling motor independently, the user is equipped with an appropriate emergency call system (e.g. a mobile phone,...) that can be easily used during transfer.
- When used in the swimmingpool/bathtub, a supervisory person is present to ensure the safety of the user.
- The minimum weight required in the lift for the yellow Safety Down to function is 32 kilograms/70.5 Lbs when using the SureHands Body Support and 38 kilograms/83,8 Lbs when using a sling. It will not function during ambulation.
- Users weighing less than 32 kilograms/70.54 Lbs only use the system independently under supervision, because the yellow Safety Down will not work.

WARNING!

UNDER NO CIRCUMSTANCES SHOULD THE UP/DOWN MOTOR BE OPERATED WHEN THE CEILING MOTOR IS NOT SUSPENDED FROM THE RAILS. THE UP/DOWN MOTOR IS FITTED WITH A SAFETY MECHANISM : SWITCHING ON THE MOTOR WHEN IT IS IN THE BOX OR IS UPSIDE DOWN CAN CAUSE DAMAGE !

THE MAXIMUM PERMISSIBLE LOAD MAY VARY BETWEEN THE CEILING MOTOR, SPREADER BAR AND SLING. THE LOWEST PERMISSIBLE LOAD MUST THEN BE REGARDED AS THE MAXIMUM PERMISSIBLE LOAD.

THE MAGNETS IN THE HANDCONTROL (TYPE 2800 AND 2810) CAN AFFECT THE OPERATION OF PACEMAKERS AND IMPLANTED DEFIBRILLATORS. IF THE DISTANCE BETWEEN THE HANDCONTROL AND THE PACEMAKER (OR IMPLANTED DEFIBRILLATORS) IS MORE THAN 10 CM, THERE IS NO INFLUENCE OF THE MAGNETS ON THE OPERATION OF THE PACEMAKER (OR IMPLANTED DEFIBRILLATORS). FOR FURTHER INFORMATION, PLEASE CONTACT YOUR DOCTOR.

DO NOT SHORT CIRCUIT THE BATTERY TERMINALS

DO NOT PUSH THE CEILING MOTOR FASTER THAN AT NORMAL STEPPING SPEED.

-  Batteries must be removed and recycled according to the statutory provisions.

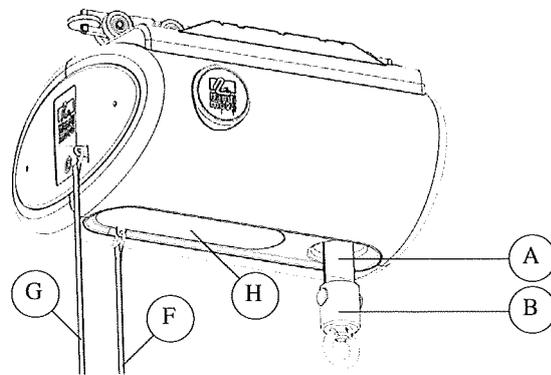
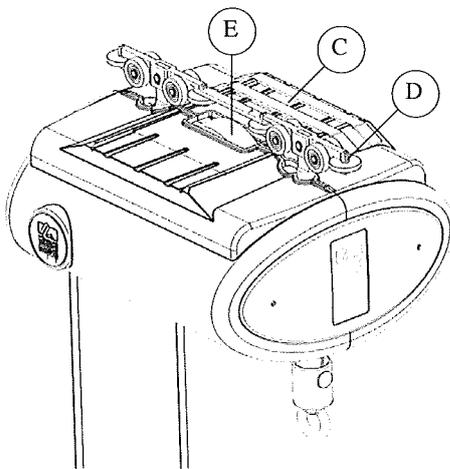
2. Scope of application

The ceiling motor is used in hospitals, rehabilitation centres, geriatric centres, care homes, day centres and private homes for transfers to or from a bed, armchair, wheelchair, bath, toilet, the floor, nursing table etc. To transfer handicapped persons or persons with movement disorders. This avoids straining of caregivers as they do not have to carry heavy weights, and guarantees better mobility for the handicapped persons. The device is suitable for use in damp rooms. The electric remote control is protected from dust penetration (dustproof) and water penetration in the event of immersion.

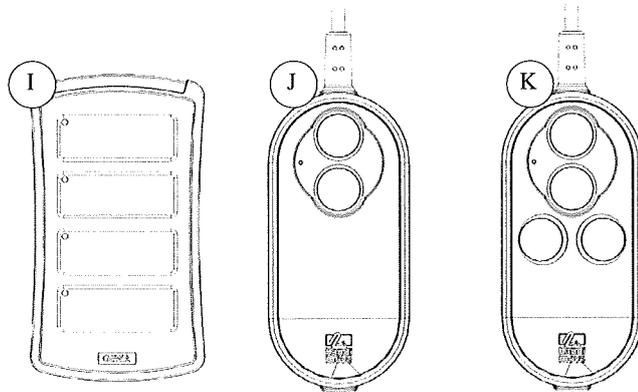
3. Product information

This user guide refers to the following parts on your Handi-Move ceiling motor:

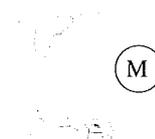
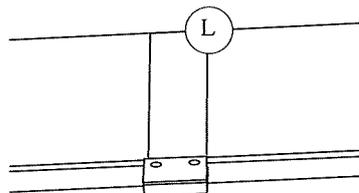
- A Motor band
- B Swivel Hook
- C Contact ski's
- D Trolley
- E Driving wheel lateral motor (model 2810 L and 2815 L IR)
- F Red Emergency Stop Switch (cord)
- G Yellow Safety Down (cord)
- H Control Panel



- I Infrared remote control
- J Electric handcontrol 2 buttons
- K Electric handcontrol 4 buttons



- L Magnet (models with lateral motor)
- M Charging pin

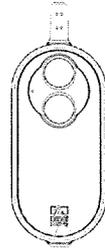


3.1. Types of ceiling motors

There are 4 types of ceiling motors:

2800

- This ceiling motor is without a lateral motor and is for use with an attendant.
- This ceiling motor is moved laterally by hand.
- This ceiling motor is operated with an electric handcontrol (2 buttons).



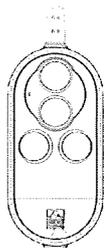
2805 IR

- This ceiling motor is without a lateral motor and is for use with an attendant.
- This ceiling motor is moved laterally by hand.
- This ceiling motor functions with an infrared handcontrol. Handcontrol must be pointed at motor for best results.



2810 L

- This ceiling motor with a lateral motor is suitable for independent use.
- Pressing the left or right button on the handcontrol, respectively, actuates the corresponding sideways (lateral) movement.
- This ceiling motor is operated with an electric handcontrol (4 buttons).



2815 L IR

- This ceiling motor with a lateral motor is suitable for independent use.
- Pressing the left or right button on the infrared handcontrol, respectively, actuates the corresponding sideways (lateral) movement.
- This ceiling motor is operated with an infrared handcontrol. Handcontrol must be pointed at motor for best results.



4. Assembly instructions

The ceiling motor is only used with a Handi-Move rail system or a system approved by Handi-Move.

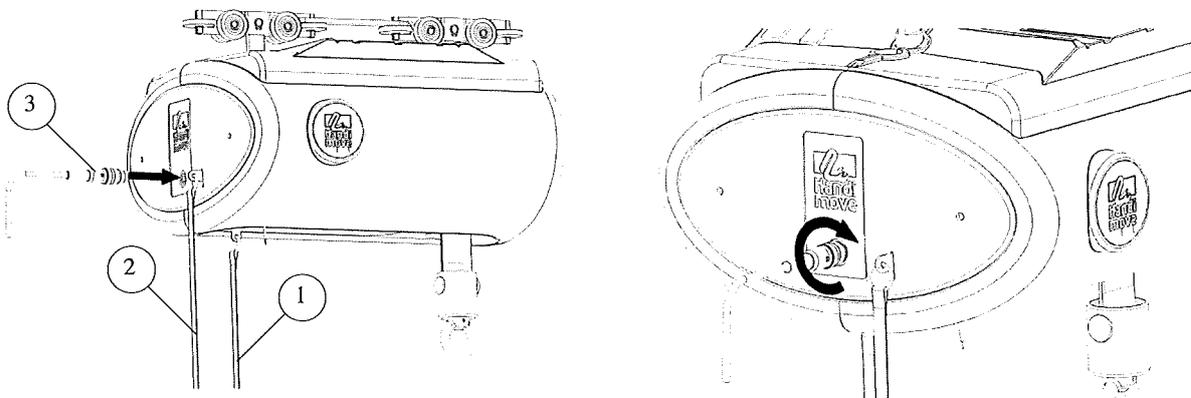
The inspection may only be carried out by Handi-Move or a technician approved by Handi-Move.

WARNING!

THE MAXIMUM PERMISSIBLE LOAD MAY VARY BETWEEN THE CEILING MOTOR, SPREADER BAR AND SLING. THE LOWEST PERMISSIBLE LOAD MUST THEN BE REGARDED AS THE MAXIMUM PERMISSIBLE LOAD.

Attach:

1. The ring with the red cord on the red lever.
2. The ring with the yellow cord on the yellow lever.
3. Models with electric handcontrol and connector (only 2800 and 2810): plug and screw the connector into the socket.



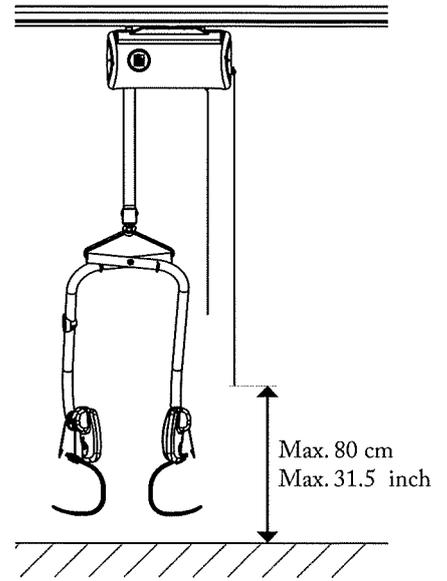
⚠ WARNING!

2800 AND 2805

MAKE SURE THE RED AND YELLOW CORDS FOR THE RED EMERGENCY STOP SWITCH AND THE SAFETY DOWN ARE EACH LONG ENOUGH FOR THE USERS STANDING ON THE FLOOR TO REACH THEM. EACH CORD CAN BE SHORTENED AS LONG AS THEY CAN STILL BE EASILY REACHED BY ALL USERS.

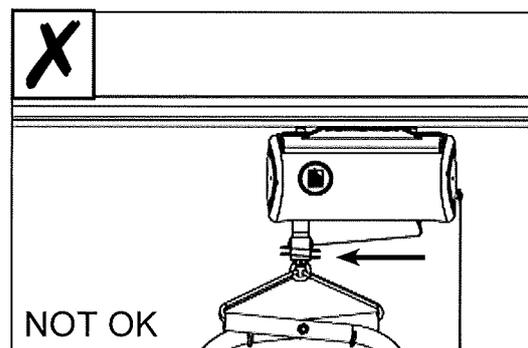
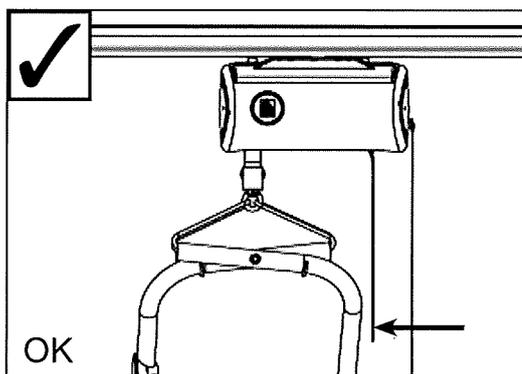
2810 AND 2815

IF THE MOTOR IS USED FOR SELF-TRANSFERRING THE INDEPENDENT USER MUST BE ABLE TO PULL THE YELLOW CORD TO ACTIVATE THE MANUAL SAFETY DOWN WHILE IN THE BODY SUPPORT. PRESSURE MUST CONTINUE TO BE APPLIED IN ORDER TO CONTINUE THE DESCENT. THE YELLOW CORD MUST BE LONG ENOUGH SO THAT THE INDEPENDENT USER CAN CONTINUE TO REACH IT EASILY AS HE/SHE SLOWLY DESCENDS UNTIL HIS/HER BUTTOKS REACHES THE FLOOR. FOR THAT REASON THE DISTANCE BETWEEN THE END OF THE CORD AND THE FLOOR SHOULD NOT BE GREATER THAN 80 CM / 31.5 INCHES, AS SHOWN IN THE ILLUSTRATION.



⚠ WARNING!

IF THE RED CORD FOR THE EMERGENCY STOP SWITCH HANGS TOO LONG IT MAY BECOME ENTANGLED AND ACTIVATED, CAUSING THE MOTOR TO TEMPORARILY STOP.



⚠ WARNING!

NEVER TIE THE RED AND YELLOW CORDS TOGETHER OR BIND THEM UP.

5. Explanation of the symbols

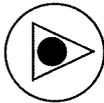
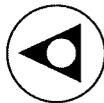
5.1. Control panel



Press this button to lift the user.



Press this button to lower the user.



Press this button to move the ceiling motor in the direction of the arrow (only models with lateral motor).



Emergency Stop Switch



Safety Down



Connection of the handcontrol

5.2. Symbols on the nameplate and packaging

  <p>Please read the user guide carefully before using the Ceiling Motor.</p>	<p>IP X0</p> <p>International protection standards against solid objects and water. The Ceiling Motor must not be used in the rain or be exposed to drip.</p>
<p>CE</p> <p>The device complies with the Medical Device Directive 93/42/EEC, as amended by Directive 2007/47/EC.</p>	  <p>Type B conforms to EN 60601-1. No insulation against earthed components Class II - EN 60601-1</p>
 <p>The Ceiling Motor must be stored at an air pressure of 700 to 1060 hPa.</p>	 <p>The Ceiling Motor must be stored at a humidity level of 30% to 70%.</p>
 <p>Please observe the national and local regulations with respect to collection for recycling and environmentally friendly processing.</p>	 <p>The Ceiling Motor must be stored at a temperature of -10°C (14°F) to +40°C (104°F).</p>
 <p>Device meets Directive 2011/65/EU</p>	 <p>Safe working load</p>

5.3. Nameplate and packaging label

Distributed in the USA by:
SureHands Lift and Care Systems
 Pine Island, NY 10969
 Tel: (845) 258-6500
 info@surehands.com



SureHands

Manufactured by:
Handi-Move International nv
 B-9400 Ninove - Belgium
 Tel: +32 54 31 97 10
 info@handimove.com



Handi move

Date of manufacture:

24 VDC.		IPX0
2 x 12V - 9Ah		
SWL		200kg
		442 lbs
1	<input type="radio"/> 2800	<input type="radio"/> 2805
2	<input type="radio"/> 2810	<input type="radio"/> 2815
3	SN ??????	
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		



Client/klant/client/Kunde :
 Order/bestelling/commande/Bestellung :

Contents: CEILING HOIST/PLAFONDMOTOR /
 MOTEUR PLAFOND/ DECKENLIFTER 

Model/model/modèle/Modell :

2800 2805 2810 2815
 2801 2806
 2802 2807

Options/optie/option/Option :

*.3898(TC) "1520"
 "2893.9000" "2800.9110"

Charger incl./lader inbegrepen/chargeur incl./Ladegerät inkl.
 EU UK AUS US

Serial number/serienummer/numéro serie/Seriennummer:







-10 → 40°C 30 → 70% 700 → 1060hPa
 14 → 104F

6. Operation

6.1. The electric handcontrol for 2800 and 2810 L

The electric handcontrol (J/K), connected to the Ceiling Motor with the spiral cable and connector, has either two (2800) or four buttons (2810 L), depending on the motor version.

UP and DOWN, LEFT and RIGHT are marked with the appropriate arrows.

LIFTING MOTOR LATERAL MOTOR



UP



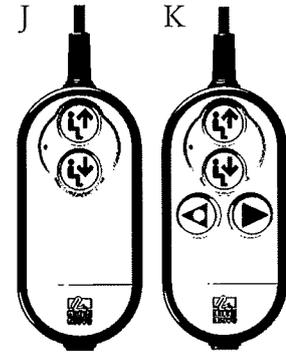
DOWN



LEFT

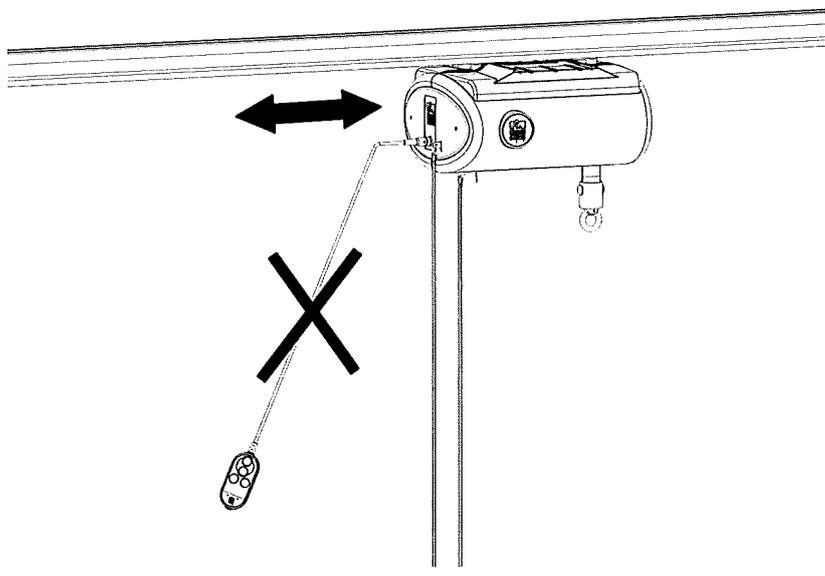


RIGHT



WARNING!

DO NOT MOVE THE CEILING MOTOR BY PULLING THE HANDCONTROL.



6.2. The infrared handcontrol for 2805 IR and 2815 L IR

The infrared handcontrol (I) has 4 buttons, UP, DOWN, LEFT and RIGHT, which are indicated with the appropriate arrows.

LIFTING MOTOR LATERAL MOTOR



UP



DOWN

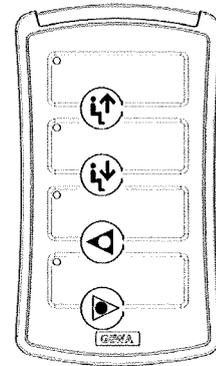


LEFT



RIGHT

The .LEFT. and .RIGHT. buttons are not relevant for the 2805 IR model, as this model does not have the lateral motor.



Remove the three 1,5 V AAA batteries from the infrared handcontrol when you are not using the motor for an extended period of time.

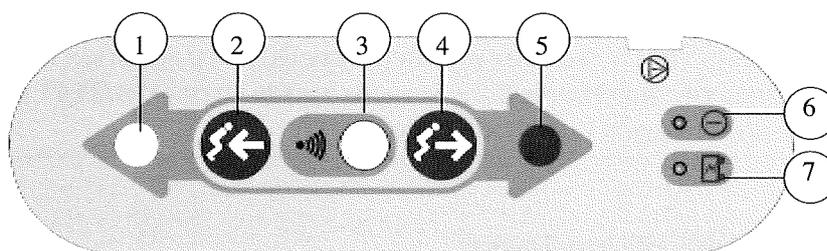
WARNING!

MAKE SURE THAT THE INFRARED HANDCONTROL DOES NOT/CANNOT FALL INTO THE WATER.

THE IR HANDCONTROL HAS A BUILT-IN INDICATOR TO WARN YOU OF LOW BATTERY VOLTAGE. YOU WILL HEAR A SOUND ALERT WITH ONE LONG BEEP AND THREE SHORT BEEPS PLAYED TWICE. THIS OCCURS ABOUT 10 SECONDS AFTER THE TRANSMITTER WAS LAST USED. REPLACE THE BATTERIES AS SOON AS POSSIBLE.

6.3. The Control Panel (for emergency operation)

The Control Panel (H) contains:



1. Emergency operation (left) (only for models with lateral motor)
2. Emergency operation (down)
3. Infrared signal receiver (only for 2805 IR and 2815 L IR)
4. Emergency operation (lifting up)
5. Emergency operation (right) (only for models with lateral motor)
6. On/off LED
LED is not lit = Emergency Stop Switch activated
LED is green = Emergency Stop Switch not activated

7. Battery LED

LED is blue: Ceiling Motor batteries must be charged immediately

LED is orange: Ceiling Motor is placed on the charging pins and the batteries are being charged by the charger.

If the batteries are fully charged, the LED will switch off.

6.4. Functions

Making the ceiling motor operational

- Make sure the red Emergency Stop Switch has not been activated and turned the motor off. (see H) Control Panel in section 3. Product information. The light on the panel illuminates green when motor is on.
- The Ceiling Motor does not need to be switched off, as it will automatically go into sleep mode after 1 second of inactivity.
- To make the Ceiling Motor operational again, just press one of the buttons on the (hand)control.

Red Emergency Stop Switch (F)

- You can shut down the motor completely at any time by pulling the red cord on the Emergency Stop Switch. The Ceiling Motor will halt immediately and the green on/off LED light on the Control Panel will go out.
- When the situation is resolved, the Ceiling Motor may be re-activated by once again pulling the red cord to restart the motor. The green On/off LED will illuminate indicating the motor is on.

Yellow Safety Down (G)

- The user can always be lowered manually by pulling the yellow cord for the Safety Down any time after 1 second has passed since the last push of a button.
- To operate, continue to pull the cord to complete a slow descent to a chair, bed, or floor. Occasional use of the Safety Down has no affect on the continuing function of the remote control or the motor, so users can feel free to explore it with confidence.

WARNING!

THE MINIMUM WEIGHT REQUIRED IN THE LIFT FOR THE YELLOW SAFETY DOWN TO FUNCTION IS 32 KILOGRAMS/70.5 LBS WHEN USING THE SUREHANDS BODY SUPPORT AND 38 KILOGRAMS/83,8 LBS WHEN USING A SLING. IT WILL NOT FUNCTION DURING AMBULATION.

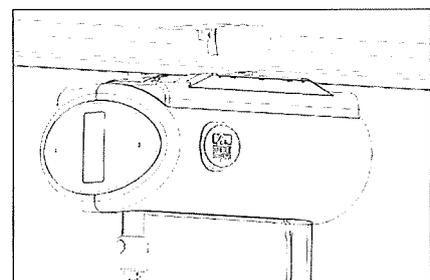
Direction of the lateral motor (only for models with lateral motor)

On the Control Panel, you will find a black and white arrow as on the handcontrol. When pressing one of these buttons, the Ceiling Motor will move in the chosen lateral direction..

6.5. Charging the batteries

Place the ceiling motor on the charging pins on a regular basis, at least once every 2 days.

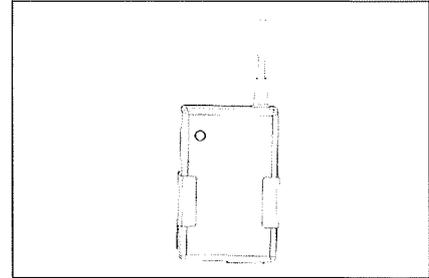
Overcharging is not possible.



If the Ceiling Motor emits an audible beep (signal) and/or the battery LED on the Control Panel is blue, it needs to be charged immediately.

The signal means that the battery can function for one lifting cycle only.

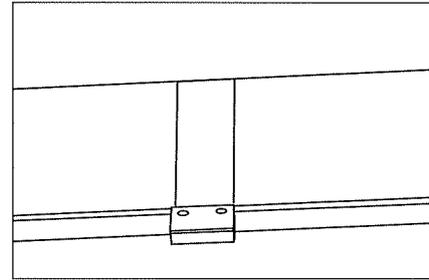
- Put the ceiling motor on the charging pins. The battery LED on the Control Panel will become orange. If the batteries are fully charged, the LED on the control panel will switch off.
- Do not use the ceiling motor while charging.
- The indicator light on the charger shows the following functions:
 - Orange: the batteries are being charged
 - Green: the batteries are fully charged



6.6. Automatically stopping the Ceiling Motor at a specified location.

This position is only possible on types 2810 L and HM 2815 L IR and acts as an aid for stopping at a specified location. If you do not use this function, then you have to position the motor in the correct location yourself.

Fasten the magnet to the rail in the position where you would like to stop. For example: to stop above the toilet, bed, bath, or any other preferred location. The charging pins come standard with this functionality.



6.7. IR handcontrol

6.7.1. Battery warning IR handcontrol

The IR handcontrol has a built-in battery warning in the event of low battery voltage. An alarm consisting of one long beep and three short beeps will sound twice. This will go off approximately 10 seconds after the transmitter was last used. Replace the batteries as soon as possible. See 9.5

6.7.2. Cleaning

The IR handcontrol can be cleaned using a damp cotton cloth and alcohol, chlorhexidine or ethyl alcohol.

It can also be cleaned using a damp piece of fabric (diluted cleaning product solution). Dry after cleaning.

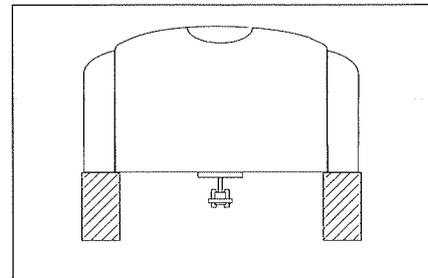
7. Maintenance and storage space

7.1. Cleaning the ceiling motor

- Carefully clean the ceiling motor with mild soap and a damp cloth.
- Avoid making the electrical parts wet (this can damage the motor).
- Do not use chemical cleaning agents or excess water.
- If you want to disinfect the handcontrol, use an alcohol-based product and a slightly damp cloth.

7.2. Storing the ceiling motor

- Store the ceiling motor in a dry area. The air humidity has to be between 30% and 70% and the temperature between -10 °C (14°F) en +40°C (104°F).
- Make sure that the emergency stop is switched off when you store the ceiling motor.(on/off LED does not illuminate).
- Place the Ceiling Motor on two blocks, so that the wheels are hanging freely in the air.
- The ceiling motor should only be used suspended from the rails.
- Disconnect the batteries when you are not using the ceiling motor for an extended period of time.



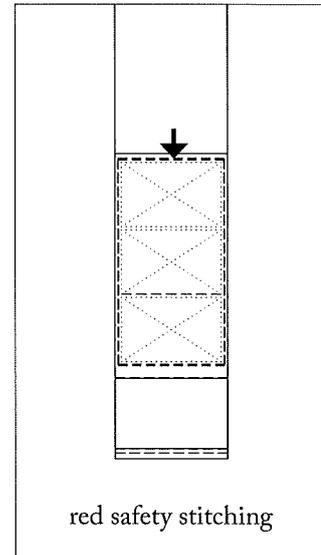
WARNING!

UNDER NO CIRCUMSTANCES SHOULD THE UP/DOWN MOTOR BE OPERATED WHEN THE CEILING MOTOR IS NOT SUSPENDED FROM THE RAILS. THE UP/DOWN MOTOR IS FITTED WITH A SAFETY MECHANISM : SWITCHING ON THE MOTOR WHEN IT IS IN THE BOX OR IS UPSIDE DOWN CAN CAUSE DAMAGE !

8. Inspection

8.1. Inspection before each use

- NEVER use the ceiling motor if the motor band (A) is damaged or faulty.
- Check if the red safety stitching of the motor band (A) is undamaged.
- Check if the yellow Safety Down (G) is functioning.
(See 6.4 "Functions" - p. 14)
- Check the if the red Emergency Stop Switch (F) is functioning. (See 6.4 "Functions" - p. 14)
- Inspect the sling or body support for damage.



WARNING!

BATTERY WARNING INDICATOR IR HANDCONTROL

THE IR HANDCONTROL HAS A BUILT-IN INDICATOR TO WARN YOU OF LOW BATTERY VOLTAGE. YOU WILL HEAR A SOUND ALERT WITH ONE LONG BEEP AND THREE SHORT BEEPS PLAYED TWICE. THIS OCCURS ABOUT 10 SECONDS AFTER THE TRANSMITTER WAS LAST USED. REPLACE THE BATTERIES AS SOON AS POSSIBLE.

8.2. Yearly Inspection

- The ceiling motor must be inspected at least once a year.
- The inspection may only be carried out by Handi-Move or a technician approved by Handi-Move.
- After the inspection, a report will be prepared documenting the tests that were carried out and the parts that were replaced.

9. Troubleshooting

9.1. General

The ceiling motor is not working at all:

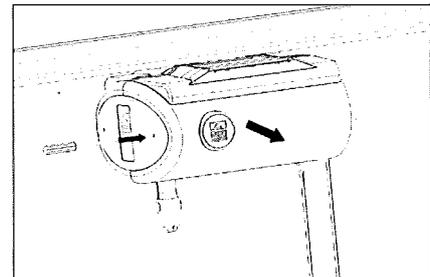
- Check if by chance the red Emergency Stop Switch has been activated and the motor is turned off. In this case, the green On/off LED light would not be illuminated. Try pulling red cord on the Emergency Stop Switch to re-activate the motor. If the green On/off LED light illuminates, the motor is now on.
- Check if the batteries are charged.
- Try the buttons on the Control Panel. If they are working, there is a problem with the handcontrol or the cable.
 - 2805 - 2815 L IR: the 3 1,5 V AAA batteries in the handcontrol could be empty.
 - 2800 - 2810 L: Check if the spiral cable is correctly attached to the connector.

When using the handcontrol, you hear a beeping sound and/or the battery LED on the control panel is blue:

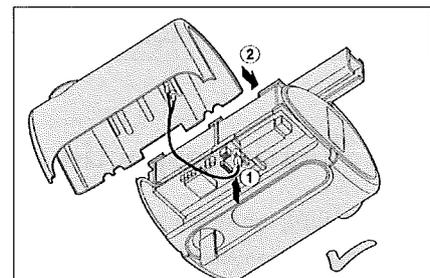
- The batteries must be charged immediately.
- If, after charging, the ceiling motor still beeps, call the technical service.

9.2. Removing the cover

- Hold the white side cover near the logo and softly pull the cover.
- Place a tool (that fits the hole: diameter 4 mm - 0,16 Inch and length 30 mm - 1,18 Inch) in the opening and carefully press the internal clip until the cover becomes undone. Repeat this for the other side of the white cover. Remove the cover.

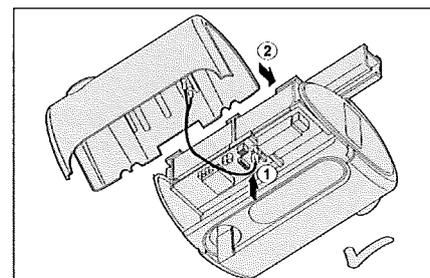


- If required, repeat this for the second white cover.
- With regard to the cover with the contact strips, make sure to disconnect the connector from the board.

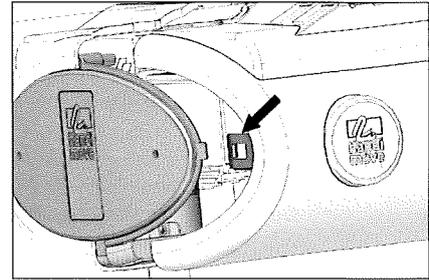


9.3. Assembling the cover

- Position the white cover facing the gray cover
- With regard to the cover with the contact strips, make sure to reconnect the connector to the board.

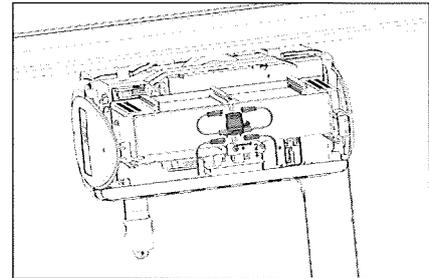


- Make sure that the metal clip is aligned with the gray cover.
- Push the cover onto the Ceiling Motor until it is fixed in place.

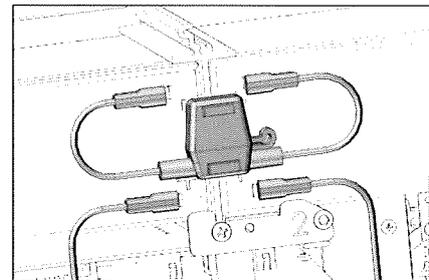


9.4. Replacing batteries

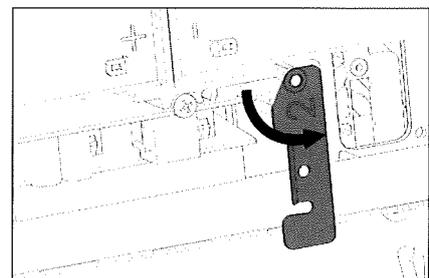
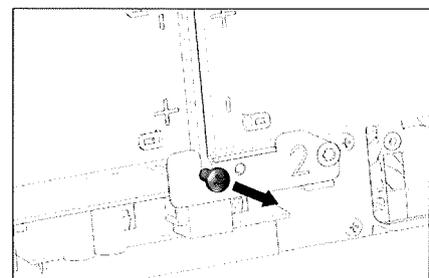
- First remove the cover, as described in the above instructions.



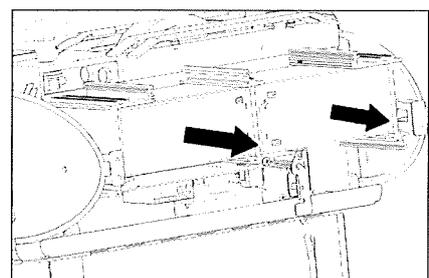
- Detach the battery wires.



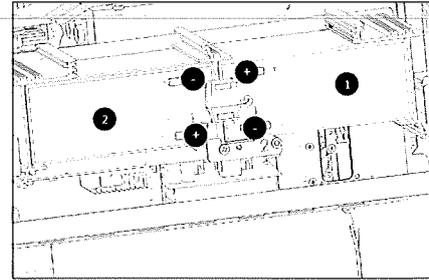
- Unscrew the left screw from the battery holder +/- 10mm so that the battery holder can move freely and hang down.



- Remove the batteries and replace them in the same position.

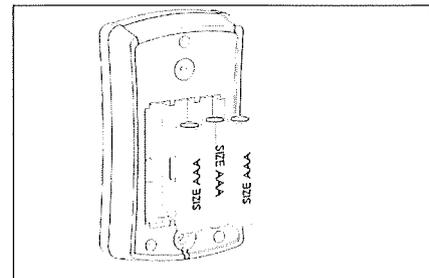
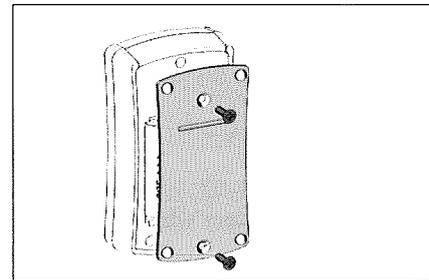


- Check the polarity when connecting the batteries.
- Attach the red wire to the plus pin (+) of battery 2
- Attach the black wire to the minus (-) of battery 1
- Connect the minus (-) of battery 1 and the plus of battery 2 using the purple wire.
- Reattach the cover (See 9.3 'Assembling the cover' - (See 9.3 "Assembling the cover" - p. 18)

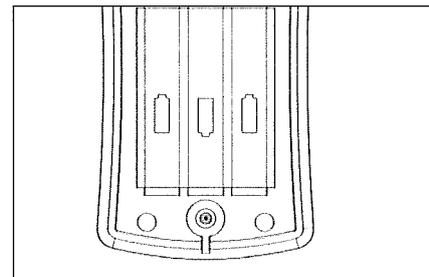


9.5. Replacing batteries of the IR handcontrol

- Using a screwdriver, unscrew the screws of the battery cover at the back of the IR handcontrol and insert 3 Alkaline batteries LR03 (AAA) 1.5V. To insert the batteries, please refer to the instructions at the bottom of the battery slots.

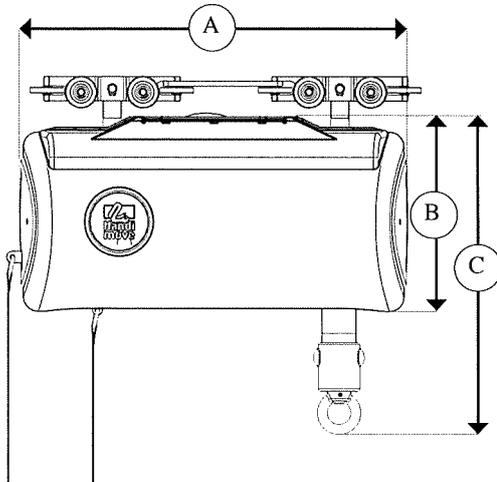


- Double check the polarity!



- It is important to use long-life Alkaline batteries which are protected against battery acid leaks.

10. Technical specifications



Length (A)	16.14 inch / 41.00 cm
Width	13.78 inch / 35.00 cm
Height (B)	7.48 inch / 21.00 cm
Height until swivel hook (C)	9.84 inch / 25.00 cm
Standard length of motor band	78.74 inch / 200.00 cm
Height of the rail	depending on type of rail
Maximum load	440.92 Lbs / 200.00 kg
Maximum weight lift + accessories	507.06 Lbs / 230.00 kg
Tension	24V DC
Power	10A
Weight 2800 and 2805 IR	40.12 Lbs / 18.2 kg
Weight 2810 L and 2815 L IR	46.30 Lbs / 21.00 kg
Leadbatteries, sealed and free of maintenance (available at SureHands)	2x 12 Vdc/9 Ah
Batteries RC handcontrol	3 x 1,5 V AAA LR03
Number of hoists with fully-charged batteries	160 with 220.46 Lbs / 100.00 kg over 39.37 inch / 1.00 m
Acceleration and brake (soft start/stop)	electronic
Cover	ABS
Corrosion	protected against corrosion
Emergency Stop Switch	present
Safety Down	mechanical
Sound	58 dB (A)
Battery indication ceiling motor	Acoustic and visual



Battery indication (IR-hand control)	Acoustic
Protection class	IPX0 (motor and infrared remote control), IP67 (electric handcontrol)
Expected life span	15 years, on the condition of correct use, service (see section 7: Maintenance and storage) and yearly inspections (see section 8: Inspection). (Batteries have an approx. life span of 2 - 4 years depending on the use).
Charger	Type Mascot 9940 / 2541 Input: 0.9 A 100 - 240 Vac 50 -60 Hz, Class II Output: 24 Vdc Max 1.3 A (type 9940) 1.2 A (type 2541)
Charging time from signal	4 hours
Speeds	
Raising (load 11.02 Lbs / 5.00 kg)	2.36 inch / 6.00 cm / seconds
Lowering (load 11.02 Lbs / 5.00 kg)	2.36 inch / 6.00 cm / seconds
Raising (load 220.46 Lbs / 100.00 kg)	2.28 inch / 5.8 cm / seconds
Lowering (load 220.46 Lbs / 100.00 kg)	2.44 inch / 6.2 cm / seconds
Raising (load 440.92 Lbs / 200.00 kg)	1.81 inch / 4.6 cm / seconds
Lowering (load 440.92 Lbs / 200.00 kg)	2.59 inch / 6.6 cm / seconds
Safety Down (load 440.92 Lbs / 200.00 kg)	2.95 inch / 7.5 cm / seconds - slower with less load
Lateral motor (L and L IR)	5.91 inch / 15.00 cm / seconds



11. Parts list

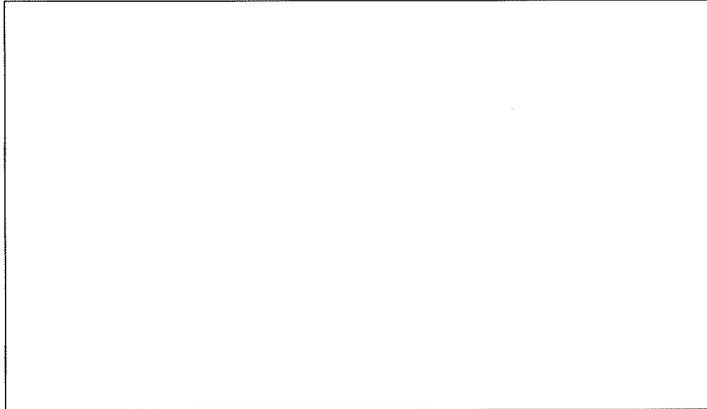
art. 1560 0000.....	infrared remote control
art. 2580 0001.....	electric handcontrol 2 buttons
art 2580 0002	electric handcontrol 4 buttons

A detailed list is available upon request.

12. Spare parts, maintenance and yearly inspection

To obtain spare parts and maintenance including yearly inspections, contact your Handi-Move representative.

For the USA



Distributed Exclusively By:

SUREHANDS Lift & Care Systems

982 County Route 1

Pine Island, NY 10969

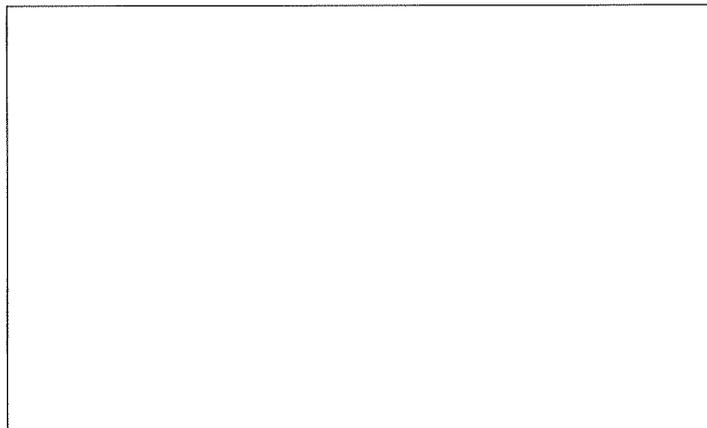
Tel: 800-724-5305

Fax: 845-258-6634

e-mail: info@surehands.com

website: www.surehands.com

For Europe and the rest of the world



Handi-Move nv Ten Beukenboom 13 9400 Ninove Belgium

Tel. + 32 54 31 97 10

e-mail: info@handimove.com

website : www.handimove.com

13. Limited Warranty

This equipment is sold under an exclusive warranty of two (2) years from date of purchase.

The manufacturer warrants the equipment to be free of defects in material and workmanship. We agree to repair or replace any products, or parts thereof, which have been returned to our factory within the stated warranty period, and which after examination shall disclose that the product is defective. Batteries are excluded. Transportation charges to our factory must be prepaid. Return charges for repaired or replaced products will be borne by the factory. Onsite labor charges are not covered by the manufacturer warranty. Only labor performed on equipment at the Manufacturer or Distributor's facilities will be covered by the manufacturer warranty.

This warranty does not apply if the equipment has been subject to misuse, neglect, accidents, incorrect wiring (not our own), improper installation, or put to use in violation of instructions furnished by us or repaired or altered by other than one of our factory authorized representatives without our prior written consent.

We reserve the right to modify or change the equipment in whole or in part, at any time prior to delivery in order to include refinements deemed appropriate by us, but without incurring any liability to modify or change any equipment previously delivered, or to supply new equipment in accordance with earlier specifications.

Loss or damage must be reported within 14 days after receipt of equipment. Visible loss of or damage to cartons must be noted at time of delivery on bill of lading or delivery receipt.

This warranty is expressly in lieu of all other warranties expressed or implied. We neither assume, nor authorize any other person to assume for us, any other liability in connection with the sale or use of this equipment. In no event shall we be liable for consequential or special damages. We make no warranty whatsoever in respect to accessories or parts not supplied by us. This warranty is valid to the original purchaser only. This warranty is not transferrable.

For products purchased from either a Handi-Move Dealer or Distributor please refer to their warranty terms and conditions.

Note for the USA:

SUREHANDS has offered special warranty terms to certain Government and State Agencies and Funding Sources. If your system is funded by one of these entities, your system will be covered by the terms of that warranty instead of the standard warranty written above.

14. EC declaration of conformity

CE

EC declaration of conformity

EN Ceiling motor

NL Plafondmotor

FR Moteur au plafond

DE Deckenmotor

		Electrical Handcontrol	IR Handcontrol
REF. N°	Normal	2800	2805
	Lateral motor	2810	2815

In conformity with
Konform richtlijn
Conforme la directive
Gemäss Richtlinie

93/42/EEG as amended by 2007/47/EG (Class I Medical Devices)
2011/65/EU (RoHS directive)

For Handi-Move International

Stefan Van Raemdonck bvba
Director Handi-Move international
05/01/2015




Manufacturer : Handi-Move International . Ten Beukenboom 13, 9400 Ninove, Belgium
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