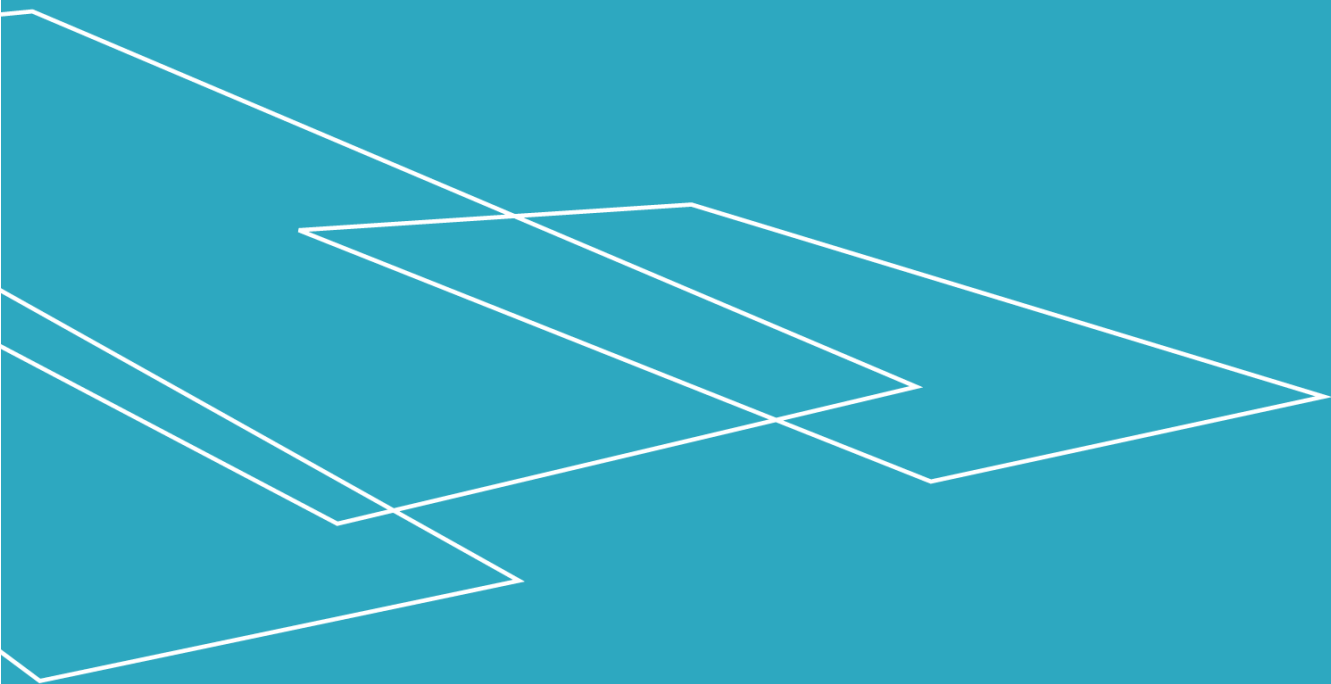




User Manual

REMOTE2

USER MANUAL – REMOTE2 – US VERSION 1.0



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1. Foreword

Congratulations on purchasing your new Remote.



It is important to read this manual before using the “REMOTE2”.

This is an original user manual for the “REMOTE2”.

Usage:

The REMOTE2 is intended for daily use together with other Liftup products, e.g. FlexStep V2, which is operated by means of operating panels at the upper and lower levels respectively, push-buttons on the platform, or by using the remote control (supplementary equipment).

The lift is a so-called “dead man operated” lift, i.e. the buttons must be pressed and held during the entire motion. Also called “Hold to run operated”. This feature is implemented for safety reasons.



2. Declaration

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www.liftup.us

Manufacture:

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Release Notice

This document is release 1.0 of the REMOTE2 User Manual.

The following Product Limited Warranty gives Resellers specific legal rights. You may have others, which vary from state/jurisdiction to state/jurisdiction.

Product Limited Warranty

Subject to the terms and conditions set forth herein, Liftup A/S (“Liftup”) makes the following warranty only to its Resellers who purchase the REMOTE2 hardware product (“Product”) directly from Liftup: for a period of one (1) year from the date of shipment from Liftup, the Product will substantially conform to Liftup’s standard published specifications for the Product and the Product hardware will be substantially free from defects in materials and workmanship. The foregoing warranty shall not apply to embedded software/firmware components.

THIS PRODUCT LIMITED WARRANTY IS PROVIDED TO RESELLERS AND TO RESELLERS ONLY. RESELLER IS SOLELY RESPONSIBLE FOR ANY AND ALL WARRANTIES MADE TO ITS CUSTOMERS, AND LIFTUP MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND SHALL HAVE NO OBLIGATIONS OR LIABILITY TO RESELLER’S CUSTOMERS OR END-USERS OF THE PRODUCT. RESELLER SHALL NOT MAKE ANY REPRESENTATIONS OR WARRANTIES ON LIFTUP’S BEHALF, AND SHALL FULLY INDEMNIFY, DEFEND AND HOLD LIFTUP HARMLESS FROM ANY BREACH OF THE FOREGOING. IF RESELLER DISTRIBUTES PRODUCT TO END-USER CUSTOMERS, RESELLER SHALL BE SOLELY RESPONSIBLE FOR PREPARING AND PROVIDING PRODUCT WARRANTIES AND PRODUCT LITERATURE TO END-USERS.

Warranty Remedies

If the Product fails during the warranty period for reasons covered by this Product Limited Warranty and Reseller notifies Liftup of such failure during the warranty period, Liftup at its option will repair OR replace the nonconforming Product, OR refund the purchase price paid by Reseller for the Product, provided that Reseller returns the Product to Liftup in accordance with Liftup’s standard return material authorization procedures or as otherwise instructed by Liftup.

Warranty Exclusions and Disclaimers

The foregoing Product Limited Warranty shall only apply in the event and to the extent that (i) the Product is properly and correctly installed, configured, interfaced, maintained, stored and operated in accordance with Liftup’s specifications, and (ii) the Product is not modified or misused. This Product Limited Warranty shall not apply to, and Liftup shall not be responsible for, defects or performance problems resulting from: (a) the combination or utilization of the Product with hardware or software products, information, data, systems, interfaces, services or devices not made, supplied or specified by Liftup; (b) the operation of the Product under any specifications other than, or in addition to, Liftup’s standard published specifications for the Product; (c) the unauthorized installation, modification or use of the Product; (d) damage caused by: accident, lightning or other electrical discharge, water immersion or spray, or exposure to environmental conditions for which the Product is not intended; or (e) normal wear and tear on consumable parts, including by way of example and without limitation, batteries.

LIFTUP DOES NOT WARRANT OR GUARANTEE THE RESULTS OBTAINED THROUGH THE USE OF THE PRODUCT. THE FOREGOING TERMS OF THE PRODUCT LIMITED WARRANTY STATE LIFTUP’S ENTIRE LIABILITY, AND RESELLER’S EXCLUSIVE REMEDIES, RELATING TO THE USE AND PERFORMANCE OF THE PRODUCT EXCEPT AS OTHERWISE EXPRESSLY PROVIDED FOR IN THIS PRODUCT LIMITED WARRANTY, THE PRODUCT, ACCOMPANYING DOCUMENTATION AND MATERIALS, AND/OR ANY EMBEDDED SOFTWARE/FIRMWARE AND UPDATES THERETO ARE PROVIDED “AS-IS”

AND WITHOUT EXPRESS OR IMPLIED WARRANTIES OF ANY KIND, BY EITHER LIFTUP OR ANYONE WHO HAS BEEN INVOLVED IN ITS CREATION, PRODUCTION, INSTALLATION OR DISTRIBUTION, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NONINFRINGEMENT. THE STATED EXPRESS WARRANTIES ARE IN LIEU OF ALL OBLIGATIONS OR LIABILITIES ON THE PART OF LIFTUP ARISING OUT OF, OR IN CONNECTION WITH, THE PRODUCT. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING:

THE PRODUCT MAY CONTAIN TECHNOLOGY THAT IS NOT FAULT TOLERANT AND IS NOT DESIGNED, MANUFACTURED OR INTENDED FOR USE IN ENVIRONMENTS OR APPLICATIONS IN WHICH THE FAILURE OF THE PRODUCT WOULD LEAD TO DEATH, PERSONAL INJURY OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE OR SEVERE FINANCIAL LOSS. ANY USE OR DISTRIBUTION BY RESELLER OR ITS CUSTOMERS IN CONNECTION WITH ANY SUCH ENVIRONMENT OR APPLICATION SHALL BE AT RESELLER'S AND ITS CUSTOMERS' SOLE RISK, AND LIFTUP SHALL HAVE NO LIABILITY WHATSOEVER IN CONNECTION THEREWITH. RESELLER SHALL INDEMNIFY AND HOLD LIFTUP AND ITS SUPPLIERS HARMLESS FROM ANY CLAIM BROUGHT AGAINST LIFTUP WHICH ARISES FROM RESELLER'S USE OR DISTRIBUTION OF THE PRODUCT IN CONNECTION WITH SUCH ENVIRONMENTS OR APPLICATIONS. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON DURATION OR THE EXCLUSION OF AN IMPLIED WARRANTY, SO CERTAIN OF THE ABOVE LIMITATIONS MAY NOT APPLY TO EVERY RESELLER.

Embedded Software/Firmware

The Product and associated tools, if any, may contain embedded software/firmware, which is licensed, not sold, and is only for use within the Product as an integral part thereof. Such embedded software/firmware (which includes all updates thereto) contains valuable trade secrets and is proprietary to Liftup and its suppliers. To the greatest extent permitted by law, such embedded software/firmware may not be modified, copied, disassembled, decompiled or reverse engineered. Liftup reserves all other rights.

Limitation of Liability

LIFTUP'S ENTIRE LIABILITY REGARDING THE PRODUCT SHALL BE LIMITED TO THE AMOUNT ACTUALLY PAID BY RESELLER FOR THE PRODUCT. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL LIFTUP OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER UNDER ANY CIRCUMSTANCE OR LEGAL THEORY RELATING IN ANY WAY TO THE PRODUCTS, ACCOMPANYING DOCUMENTATION AND MATERIALS, AND ANY EMBEDDED SOFTWARE/FIRMWARE AND UPDATES THERETO (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS,

BUSINESS INTERRUPTION, LOSS OF DATA OR ANY OTHER PECUNIARY LOSS), REGARDLESS OF WHETHER LIFTUP HAS BEEN ADVISED OF THE POSSIBILITY OF ANY SUCH LOSS AND REGARDLESS OF THE COURSE OF DEALING BETWEEN LIFTUP AND RESELLER. BECAUSE SOME STATES AND JURISDICTIONS DO NOT ALLOW THE

EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ABOVE LIMITATION MAY NOT APPLY TO EVERY RESELLER.

Notices

Class B Statement – Notice to Users. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Changes and modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commission rules.

2.1 Regulatory Approvals

CE

The REMOTE2 product comply with the essential requirements of the RED Directive 2014/53/EU as stated by the EU Declaration of Conformity (CE). The REMOTE2 product comply with the European Telecommunications Standards Institute Specifications EN 300 440 operating in 2.400 GHz to 2.483 GHz band for Radio Equipment and Systems

EU/International

The REMOTE2 complies with the essential requirements of the 2011/65/EU directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (ROHS 2).

Complies with the essential requirements of the EU 1907/2006 regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Complies with the requirements of the 2012/19/EU directive on waste electrical and electronic equipment and directive 2006/66/EC on batteries and accumulators and waste batteries and accumulators (WEEE).

FCC/IC

The REMOTE2 product comply with the FCC Part 15.249 and the Industry Canada requirements RSS-GEN, RSS-210

The REMOTE2 product complies with Part 15 of the FCC rules and with Industry Canada license exempt standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The REMOTE2 product is SAR test excluded according to FCC KDB 447498, RSS102 and EN 62479 at separation distances larger than 5 mm and less than 50 mm.

With respect to radiofrequency radiation exposure Information, it is declared; that this equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This gives an extra margin, since the remote control normally, only is used in “controlled environment” for approx. 30 seconds when lifting, and typically only a few times a day.

REMOTE2

FCC ID:	2AK8H-REMOTE2
IC-ID:	22516-REMOTE2

ACMA (AUS/NZ)

The REMOTE2 product complies with the Australian/New Zealand Radio communication Act 2400-2483 MHz.

2.2 EU Declaration of conformity



Manufacturer: Liftup A/S
Address: Hagensvej 21, DK-9530 Støvring, Tel. +45 9686 3020
Hereby declares that: **REMOTE2** used together with other Liftup equipment is in compliance with:

EMC Directive	2014/30/EU	
ROHS-Directive:	2011/65/EU. substances in electronic equipment	
RED	2014/53/EU, Radio Equipment Directive	
FCC (USA)	CFR 47 Part 15	FCC ID: 2AK8H-REMOTE2
ISED (Industry Canada)	RSS-210	IC-ID: 22516-REMOTE2

REMOTE2 meets the relevant requirements notably in following standards:

EN 60601-1-2: 2015	EMC of Medical Electrical Equipment
EN 60601-1-11:2015	Home Care
CISPR 11, Class B: 2016	Emission
EN 61000-4-2:2009	ESD Electrostatic Discharges
EN 61000-4-3:2006+A1:2008+	
IS1:2009+A2:2010	Radiated RF Immunity
EN 61000-4-8:2010	Magnetic Field
EN 62479:2010	Human exposure
EN 300 440, v2.1.1	Electromagnetic compatibility + Radio spectrum Matters
Draft EN 301489-1, v2.2.0	Electromagnetic compatibility + Radio spectrum Matters
Draft EN301489-17, v3.2.0	Electromagnetic compatibility + Radio spectrum Matters
AS/NZS 4268	Radio Equipment and Systems – Short Range devices
AS/NZS 2772.2	Radio Frequency Fields (mean power < 1 mW)

Testing and conformity assessment performed by Jens-EMC and Liftup A/S

The above products are manufactured under the following management system:

EN ISO 9001: 2008 Quality management, Certificate No. 44 100 117583

Director
Title

Søren Elisiussen
Name

Liftup A/S, Hagensvej 21, DK-9530 Støvring
Company

 2018-08-15



3. Technical specifications

3.1 Remote control

2,4GHZ remote control:	Short Range devices. Receiver Class 3
Dimensions (L x W x H):	80 x 64 x 33mm / 3,15 x 2,52 x 1,30 in.
Weight:	75 g (0,17 lbs.)
Frequency's:	2,410GHz 2,435GHz and 2,460GHz
Duty cycle	< 1%
Power:	< 0,6mW Controlled environment, Hold to run.
Battery:	3 Volt CR2032
Water and dust:	IP 42
Working temperature:	+5°C to +40°C / 41°F to 104°F
Storage temperature:	-25°C to +70°C / 13°F to 158°F
Expected service life:	> 5 years

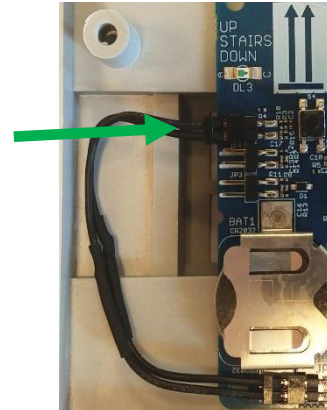
Right reserved to make technical modifications

4. Configuration

Configuration of the “REMOTE2” must be carried out prior to mounting on the wall or on a pole.

Set for “UP”

Connect
JP1 and JP2



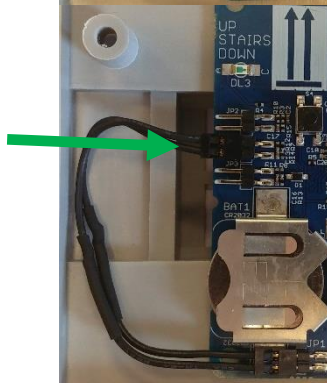
And use

The “Lift”
push button



Set for “STAIRS”

Connect
JP1 and JP4



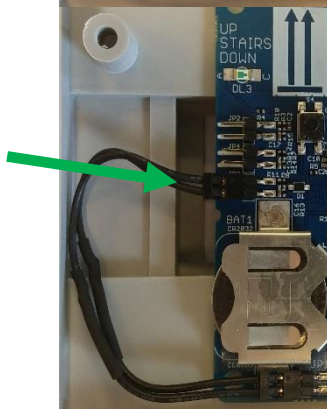
And use

The “Stairs”
push button



Set for “DOWN”

Connect
JP1 and JP3



And use

The “Lift”
push button



4.1 Battery

A CR2032 battery is installed in the remote control*.



ATTENTION: In order to ensure reliable function, swap the batteries every 2nd year.

To swap the battery, do the following:

1. Remove the black Push button front, loosen the 2 screws (PH1)
2. On the rear of the grey part, the PCB with the battery is mounted
3. Swap the battery
4. Refit the parts and test



DO NOT swallow coin cell battery. Keep batteries out of reach of small children. Should a child swallow a battery, consult a physician immediately.



DO NOT dispose of batteries or electrical or electronic equipment with unsorted household rubbish. When disposing of this device, ensure compliance with local ordinances and regulations.

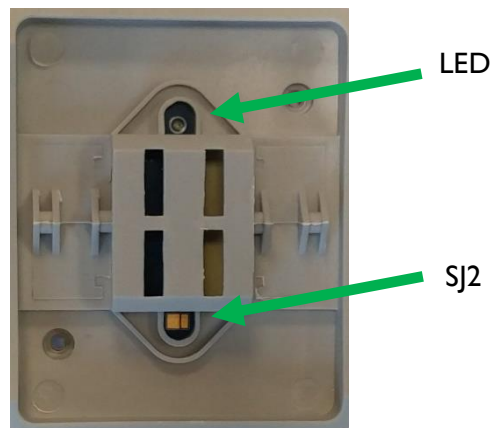
4.2 Pairing of remote control

Pairing of the remote control is normally done by the dealer or the factory.

1. The receiver, i.e. FlexStep must be switched off. The lift is switched on/off by activating both the ON/OFF switch and the emergency stop

2. Remove the front pushbutton and use a small screwdriver to shorten the SJ2 on the remote control* until the control LED on the remote control* begins to flash slowly.

(If not mounted, press the S4 button which has the same function)



3. The remote control* is now in installation mode for 2 minutes.
4. Within these 2 minutes, switch on the lift i.e. the FlexStep.
5. The control LED on the remote control* is associated with the lift when it stops flashing.

Test the system, to ensure the pairing has been performed correctly; if not, repeat steps 1.-5. above.

*Supplementary equipment

5. Disposal

It is the duty of the owner to dispose of the product in accordance with the regulations applicable at the time.

Do not dispose of batteries or electrical or electronic equipment with unsorted household rubbish. When disposing of this device, ensure compliance with local ordinances and regulations.

Please note that the remote control contains batteries which must be disposed of separately.

Consider contacting your dealer for assistance with disposal.

6. Right of warranty

The right of warranty is subject to the General Conditions for Supply which are presented here: https://www.liftup.dk/media/3179/general-conditions-for-supply_liftup-inc.pdf.



ATTENTION: If the prescribed service inspections are not maintained the right of warranty may be lost.

Failing to perform these inspections can also have serious consequences for product safety. It rests with the customer to ensure compliance with the prescribed service inspections at all times. Cf. Danish Working Environment Authority Executive Order 1109 §14.

7. Approvals and certificates

The REMOTE2 product is tested in compliance with the European radio and medical specifications (CE - Declaration of Conformity) and certified according to the following radio recommendations US and Canada:

REMOTE2:



FCC-ID: 2AK8H REMOTE2
IC-ID: 22516-REMOTE2



FCC and IC Statements

The REMOTE2 product contains radio transmitters that comply with CFR 47 Part 15.249 of the FCC rules and with RSS-GEN, RSS-102 and RSS-247 of Industry Canada requirements.

Notice statements according to CFR 47 Part 15.19 / RSS-GEN:

The REMOTE2 product complies with Part 15 of the FCC rules and with Industry Canada license exempt standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Déclarations selon le CFR 47 section 15.19 / RSS-GEN:

Le présent REMOTE2 appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage, et
- (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTICE statements according to CFR 47 Part 15.21:

Changes or modifications made to this equipment not expressly approved by Liftup A/S may void the FCC authorization to operate this equipment.

Statements according to CFR 47 Part 2.1091/2.1093 and OET bulletin 65/RSS- 102:

The REMOTE2 and REMOTE1 products are SAR test excluded according to FCC KDB 447498, RSS102 and EN 62479 at separation distances larger than 5 mm and less than 50 mm with respect to the human body as the maximal radiated power is below the limits.

The REMOTE2 and REMOTE1 products are by declaration of RF Exposure Compliance for Exemption from Routine Evaluation Limits according to RSS102

ATTESTATION:

It is attested that the radio communication apparatus meets the exemption from the routine evaluation limits in RSS102 Section 2.5 of this standard; that the Technical Brief was prepared and the information contained therein is correct; that applicable measurement methods and evaluation methodologies have been followed; and that the device meets the SAR and/or RF field strength limits of RSS-102.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

SAR test exclusion according to EN 62479

The REMOTE2 and REMOTE1 products are compliant according to EN 62479 as the output power is less than 20 mW.

AUS/NZ:

- The REMOTE2 complies with the AS/NZS 4268 requirements for 2.4 GHz transceiver.

Enjoy your new REMOTE2

**Best regards,
Liftup Inc.**