



Handset HC518

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Preamble

We are delighted that you have purchased the high-quality wireless handset HC518 of limoss.

The handset HC518 intends to be used in the for the Electric furnitures as motor controller for controlling the furnitures moving while the motor actuators inside moving.

Safety regulations

Please read the following safety advice carefully.

Ensure that every person involved in the installation, connection, or operation of the equipment has been adequately briefed and has access to this technical documentation.



See the user manual



Safety mark by TÜV



Indoor use only



EMC mark by TÜV



Some electrical and electrical equipments forbid to abandon and disposal at will



CE mark



limoss logo



Please keep these safety instructions!

Read the instructions and notes carefully before you put the device into operation. The safety instructions of the connected drive system have to be taken into consideration also. Make sure that your staff that is occupied with connection, mounting or usage is sufficiently informed and has access to this installation instruction.

Warning – danger from electric current

Warning: Do not modify this equipment without authorization of the manufacturer!

Output the batteries from the HC518 before any maintenance operation, cleaning or checking, in order to prevent any risk of electrocution.

- Never disassemble the HC518 by yourself, but take (or send) it to the after-sales service for any necessary control, maintenance or repair. Improper work or tampering on the product is dangerous and voids the warranty.
- Never operate the HC518 if it is damaged. Damaged parts must be replaced immediately.

Warning

Care must be taken when operating this equipment around other electromagnetic equipment (such as HF device). Potential electromagnetic or other interference could occur to this or to the other equipment. Try to minimize this interference by not using other electromagnetic equipment in close proximity of it.

Caution-The system components must never be exposed to the effects of solvents, or basic or alkaline liquids.



Caution – Damage of components!

The electrical adjustment drive is not intended for use by small children or frail persons.

The electrical adjustment drive isn't a toy for children.

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. 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.

NOTE: 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 communications. 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

FCC Radiation Exposure Statement



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This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Please observe during operation

Watch for unusual sounds or irregular function. System must be shut down on strange behavior.

The devices must not be dunked into water.

Product information



The handset HC518 intends to be used in the for the Electric furnitures as motor controller for controlling the furnitures moving while the motor actuators inside moving.

This device must not be used:

- Within an environment, where flammable or explosive gases/vapors can be expected
- In a damp environment (offshore-facilities, seaside), or outdoor
- With a medical product, e.g. for the installation in a medical product
- In planes or other aircrafts
- In nuclear power plants

The manufacturer of the adjustable product is committed to take qualified precautions, to prevent persons from injuries and objects from damage, while their products are in use.



Survey

- Bluetooth 4.0 hand control
- Black and white color housing.



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- Up to 7 buttons optional
- CR2032 battery
- Antenna gain: 0 dBi
- RF frequency: 2401-2480 MHz
- Output rate: -2 dBm

Manufacturer's declaration

Limoss Group or its representatives does not permit linear actuators to be commissioned in an appliance, before the said appliance (object) in which the linear actuator is installed, has been declared to conform to the provisions of all the relevant regulations.

Installation

1. Please make sure that the actuator or the control box connects to SMPS.



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2、Please put the button battery into handset, after 5 second then it works.

3、Applicable Battery Type :

3.0V Lithium Battery Coin Cells\

Model: CR2032

Max.Size : $\Phi 20.0 \times 3.2$ mm

Nominal Voltage : 3.0V

Attention!



1. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
2. Children should be supervised to ensure that they do not play with the appliance.
3. Care must be taken when operating this equipment around other electromagnetic equipment (such as HF device). Potential electromagnetic or other interference could occur to this or to the other equipment. Try to minimize this interference by not using other electromagnetic equipment in close proximity of it.

Attention!

limoss linear actuators are not suitable for the following applications:

- Off-shore systems
- Marine applications
- In aeroplanes or other aircraft
- In potentially explosive areas
- In nuclear power stations

The system components must never be exposed to the effects of solvents, or basic or alkaline liquids.

Transport, unpacking and storage



Keep the original packaging in order to ship the device if there should be a guarantee case. Protect the device from severe mechanical stress during transport. Always transport the device in the original packaging. The installed components are sensitive to impact and strong vibration.

Proceed as follows to unpack the device:

We recommend inspecting the device for transport damage immediately after it is delivered. Only acknowledge receipt with reservation (for example on the freight document), if there is reason to suspect damage. Note the presumed damage on the freight document and inform the manufacturer.

Carefully remove the packaging. If there is no appropriate agreement concerning the take-back of packaging material, the packaging remains with the customer. Environmentally responsible disposal must be ensured in accordance with applicable disposal guidelines.

Caution – Condensation of water!

Condensation of water is possible due to temperature fluctuations. This can destroy the device or subsequent malfunctions can result.

Therefore:

After storage or transport in cold weather, or if there are extreme temperature fluctuations, the device must slowly adjust to the ambient temperature at the implementation site before it is started up.

If condensation has formed, the device should only be placed in service after a waiting period of 12 hours.

Attention!

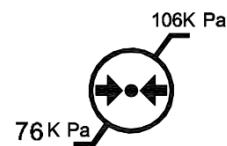
The actuators are designed for use indoors.

Operating temperature: 0°C to 40°C, air humidity: 20 % to 80 %

Transportation and storage conditions: Temperature-20°C to 60°C, air humidity: 5 % to 95 %

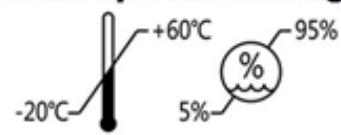
Atmospheric pressure range of 76 kPa to 106 kPa

Actuators with special protection categories are labeled accordingly.



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Transport/Storage



Servicing and maintenance

All components must be regularly checked visually for mechanical damages, deterioration and for proper function. The control intervals should not exceed 6 months when motor is in regular use. The inside components do not need any maintenance unless expressly recommended elsewhere.

Caution – Damage to finish of product!

- Do not use any detergents with solvents! Use a standard household cleaner, suitable for plastic material!
- High levels of internal moisture can cause a short-circuit!
- Never clean with high-pressure cleaner!



Guarantee

The limoss guarantee applies to production-related faults and is valid from the date of manufacture.

The date of manufacture can be found on the label. Further details regarding the guarantee can be obtained from your limoss dealer.

The guarantee only extends to the value of the limoss product in question. The limoss guarantee only applies if the equipment has been used for its intended purpose and serviced properly.

No unauthorised alterations may be carried out. Improper handling, such as knocking, hitting, or forcing, shall render all guarantees null and void.



Repairs

If faults should arise within the guarantee period, it is important that you send the actuators in for repairs, since the guarantee becomes invalid if the actuators are opened by un-authorized individuals. To avoid risks during subsequent use, all repairs should be carried out by authorised service companies.

Interventions or modifications could lead to consequential damage.

You can also arrange with our service department for spare parts to be sent to you, if necessary. In this case, please state the article number printed on the type plate.

Failure elimination

Analysis

In case of failure, try to solve the issue by testing following list of possible causes.
In case of other failure contact the supplier/shop.

Problem

Hand-control is energized/ Motor does not react.

Solution

1. Check the power cord of the furniture is properly plugged in.
2. Check the battery is properly installed.
3. If possible, unplug the furniture and replace battery of the hand-control, then test again
4. If these test fail to help, contact the supplier / shop.



Disposal

Do not dispose of this product with the normal household waste!

This product must be disposed of properly as electronic waste in accordance with the current disposal regulations of your district/country.



Addresses

Manufacturer

limoss (Dongguan) Co., Ltd.

Block A, No. 39 Southern 5th Street, Qiaodong Road, Wuxia Village, Qiaotou Town, Dongguan City, Guangdong Province, 523540, P.R. China

Factory

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