

User Manual

Wireless Control Box

HC3741+2.5



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Preamble

Dear Customer,

We, the **limoss** GmbH & Co. KG (in the following referred as **limoss**), are pleased that you have decided to choose one of our products.

The content of this user manual does not address the end user. It is only a guideline for manufacturers of furniture equipment. Therefore, this technical documentation gives helpful information regarding the installation, operation and maintenance of **limoss** products and will be of assistance should any faults arise.

The manufacturer of the final end-use product is responsible to provide a user manual with all relevant safety, installation and maintenance instructions to the end-user.

If you have any further questions, please feel free to contact your local limoss Customer Service.

limoss user manuals are written based on present knowledge and development standards. Nevertheless, these standards are subjected to a constant improvement process and we, therefore, reserve the right to carry out technical modifications and updates.

Important!

This product left our plant in good order and condition. To ensure this condition and risk-free operation, the observance of safety guidelines, warnings and user instructions contained in this manual is mandatory.

Manual Information

Date created: 06/02/2026

Created by: < TCZ >

Version <1.3 >

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1. General Product Information

HC3741 is for cinema system. This device is designed for cinema seats with mass open and close. HC3741 controls simultaneously all the seats in the cinema. This system should only be used with the device made by **limoss** and its representatives. The units may be installed and commissioned only by skilled and correspondingly qualified personnel.

2. Safety Instructions

Please carefully read and follow the instructions to ensure the safe use of the HC3741. Non-observance of the safety instructions may cause considerable damage.

KEEP OPERATING INSTRUCTIONS IN A SAFE PLACE.



See the user manual



Indoor use only



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



CE mark

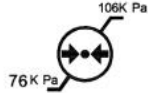
limoss

limoss logo

Product with special protection categories are labeled accordingly.



10-100%



The handset are designed for use indoors. 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 air crafts
- In nuclear power plants

IMPORTANT SAFETY INSTRUCTIONS

When using the electrical control system, basic precautions should always be followed, including the following:

Read all instructions before using (this system).

DANGER – To reduce the risk of electric shock:

1. Always unplug this control system from the electrical outlet before cleaning or servicing.

WARNING – To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Close supervision is necessary when this system is used by, or near children, invalids, or disabled

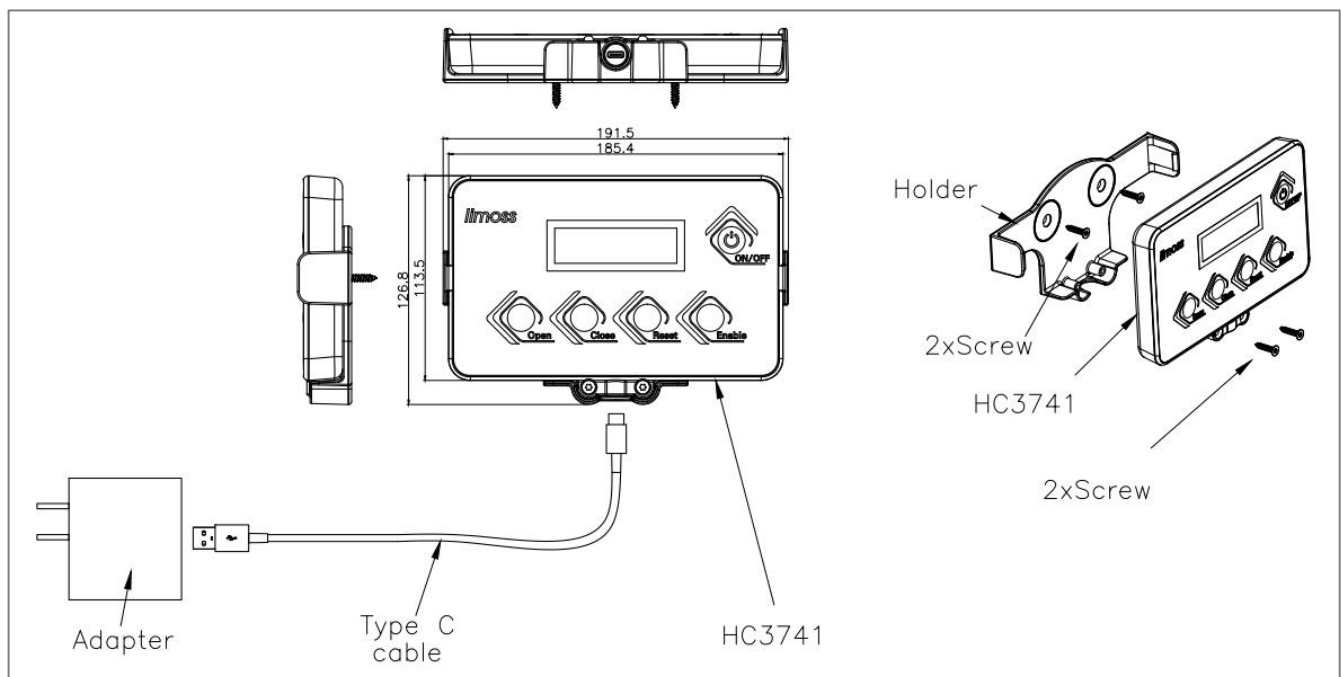
persons.

2. Use this system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.
3. Never operate this system if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged. Return the furnishing to a service center for examination and repair.
4. Keep the cord away from heated surfaces.
5. Never drop or insert any object into any opening.
6. Do not use outdoors.
7. Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
8. To disconnect, turn all controls to the off position, then remove plug from outlet.
9. 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.
10. 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.
11. Children shall not play with the appliance.
12. Cleaning and user maintenance shall not be made by children without supervision.

SAVE THESE INSTRUCTIONS

3. Installation

First, secure the holder to the mounting surface with two screws. Align the HC3741 with the holder, then fasten the HC3741 to the holder using another two screws. Tighten all screws to ensure the HC3741 is stable.



4. Initial Commissioning

Before any operation, please connect transmitter box to power, plug the receiver box to actuator, and press button "On". The display will show information if power on and initialized successfully.

There are four control mode, before its used pairing should be completed.

Pairing

To complete pairing please follow the instruction below on both transmitter and receiver boxes.

(1) Turn on the HC3741.

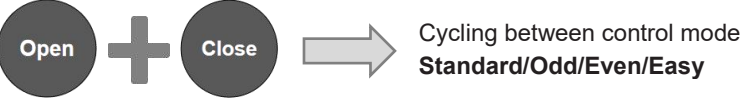
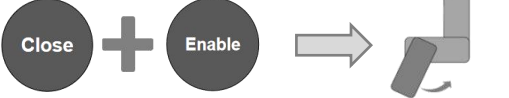
(2) Press the 'Open' 'Close' 'Enable' at the same time, then the screen will begin to count 3 seconds.

Pairing is then completed.

5. Function

Mode switching

It can work in following mode when paired.

Press "open"&"close" to change control mode.	
Press "open"&"enable" to open the seats.	
Press "close"&"enable" to close the seats.	
Press "Open" three times in 1.5 second to turn LED lights ON.	
Press "Close" three times in 1.5 second to turn LED lights OFF.	
Press "Reset" to reset HC3741.	
When any of the above doesn't work or is abnormal, please try "Reset", It will redirect to standard cleaning mode (default mode).	

(1) Standard mode

With this mode, we can OPEN/CLOSE all chairs at the same time.

(2) Group mode : odd mode/even mode

All the chairs are divided into odd and even groups (rows). In group mode, we can OPEN/CLOSE all the chairs in odd or even rows.

(3) Easy clean mode

This mode OPEN/CLOSE all chairs except for those of which the handsets have not been used hence chairs not used.

*Fire Alarm

The HC3741 could connect to fire alarm in the cinema. When HC3741 received the alarm, after 2 seconds all chairs will close and HC3741 can't be control until the all-clear.

6. Disclaimer and exclusion of liability

limoss is not responsible for damage resulting from:

* Failure to observe these instructions, changes made to this product which have not been approved by **limoss** or the use of replacement parts which have not been approved or manufactured by **limoss**.

* We reserve the right to make unannounced technical changes in the course of our continual product improvement process!

7. Technical Documentation

Generally, the HC3741 may be operated only in connection to the application designated for **limoss** systems. Please consult the nameplate on the housing for mains connecting data.

Please consult our technical team, if components of other manufacturers be recommended.

Caution!

The HC3741 is designed for inner use. The following ambient conditions must be maintained.

Operation: 0 °C (32 °F) to 25 °C (77 °F)

Storage: 0 °C (32 °F) to 40 °C (104 °F)

Air humidity: 20 – 80 %

Devices with special types of protection are appropriately identified in the nameplate.

7.1. Technical Data

Item	Description
Battery input	3.7V
Type-C charging voltage	5V
RF frequency	2.4GHz
Standby current	4.7uA
Max working current	0.2A
Antenna	Build-in 2.4GHz 2.95dBi Antenna
Control range	>50m in open space
Dimensions	With hook: L191.5*W126.7*H30mm Without hook: L185.5*W124*H21.6mm

7.2. Dimensions



8. Maintenance and Service

limoss components described in this manual are maintenance free.

Disconnect the appliance from the controller box before any maintenance operation, cleaning or checking, in order to prevent any risk of electrocution.

Please keep out of contact with anything contains chemicals chlorine, sulfuric acid or a mixture of chlorine and sulfuric acid.

To clean the components, wipe the surfaces with a damp cloth and mild household cleaner. If there is concern that system components have been exposed to heavy moisture or water intrusion, we recommend having them inspected by a **limoss**-qualified technician. If there is concern about water intrusion, remove the power plug and do not use the product again until it has been inspected or revised. Cleaning and user maintenance shall not be made by children without supervision.

If faults should occur within the guarantee period, it is important that you send the actuator for repair, since the guarantee becomes invalid if the actuator has been opened by unauthorized persons. To avoid risks in subsequent use, all repairs must be performed by **limoss** authorized technicians.

Never disassemble the appliance by yourself, but take (or send) it to the aftersales service for any necessary control, maintenance or repair. Improper work or tampering on the product is dangerous and voids the warranty.

9. Guarantee

We, the **limoss** company, provide a warranty of 24 months for all our products, excepting batteries and power packs.

This warranty, however, is subjected to correct use in accordance with the specifications and maintenance being done correctly and necessary repairs must have been carried out at our service centers.

- The guarantee applies to production-related faults and is valid from the date of manufacture.
- The date of manufacture can be found on the tech information label.
- The guarantee extends only to the value of the implicated **limoss** product.
- The guarantee only applies if the equipment has been used for its intended purpose and serviced properly.
- Changes done to our products which are not approved by **limoss** will render the guarantee ineffective.
- The products must not be opened by unauthorized personnel.
- Improper handling, such as overpowering, beating, dropping or forcing, shall render the guarantee ineffective.
- The warranty for batteries and power packs is valid for 6 month from the date of manufacture.

Further details regarding the guarantee can be obtained from your local **limoss** Customer Service.

10. Decommissioning and Disposal

This product may not be disposed of in household waste!

Upon discontinued use, this product must be disposed of as electronic waste in accordance with the disposal regulation of your district / country / state. Storage batteries that have become unusable may not be disposed of in household waste.

Please contact us!

We would be pleased to answer all your questions by phone or mail.

If technical support or spare parts are needed, please contact our customer service. In this case, you will be asked to provide the article number and date of manufacture printed on the tech information label.

Customer Service Europe

Monday to Thursday 07:30 am to 04:30 pm and Friday 07:30 am to 03:00 pm local time

Phone: +49 2335 84713-0

Fax: +49 2335 84713-29

Mail: customerservice@limoss.de

Customer Service USA

Monday to Thursday 07:00 am to 04:30 pm and Friday 07:00 am to 11:00 am local time

Please contact by mail.

Mail: sales@limoss-us.com

Customer Service France

Monday to Thursday 07:30 am to 04:30 pm and Friday 07:30 am to 03:00 pm local time

Phone: +49 175 2099753

Mail: sales-fr@limoss.de

Customer Service Belgium / Netherlands / Luxembourg

Monday to Thursday 07:30 am to 04:30 pm and Friday 07:30 am to 03:00 pm local time

Phone: +31 6 18892149

Mail: sales-benelux@limoss.de

Note :

Date	Version	Comment
2022.10.19	1.0	The first issued version
2025.11.26	1.1	Change the product name
2025.12.31	1.2	Add the installation method
2026.02.06	1.3	Update the safety instructions

Any 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.