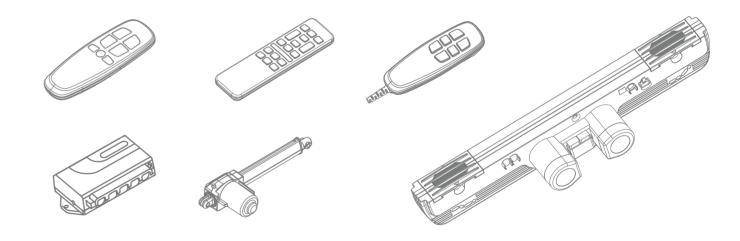
# **Ríchmat**







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 FAX: +86 532 88597798

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Innovation drives technology, Intelligence controls future

Introduction Application examples



Richmat is a professional actuators and controllers producing joint-stock company integrated the development, production and marketing. Headquartering in Qingdao, China.



Richmat is dedicated to furniture, medical and homecare markets and had been awarded dozens of patents, Richmat products are sold all over the world with the highest quality and reputation.



Richmat has devoted to the design, development, and manufacture of actuators, the main products include: linear and dual actuators, hand controls, controllers and corresponding accessories, to meet your needs.



Certificates ISO9001 ROHS UL CE CB F©















# Richmat provides complete bedding solutions

Easy control Richmat designs a hand control with straightforward layout, hold-fitting

shape and comfortable keystroke feedback, allowing ease of use for the

young and old.

Real-time operation Easy to get the most comfortable positions, real-time operation to seize

every movements.

Personalized solutions We offer personalized solutions for combinations, connections and control

modes.

## **Dual actuator application**

Control way Other options

Wire / RF Wireless / Bluetooth available USB ports, massage motor, voice control, under-bed light, bluetooth speaker etc.



# Reasons to choose RICHMAT as your exclusive partner



Since it's founded, Richmat has been dedicated to drive and controller manufacturing and assembly, with years of experience and wisdom with patented products and scientific construction of qualified team to support its many offering.



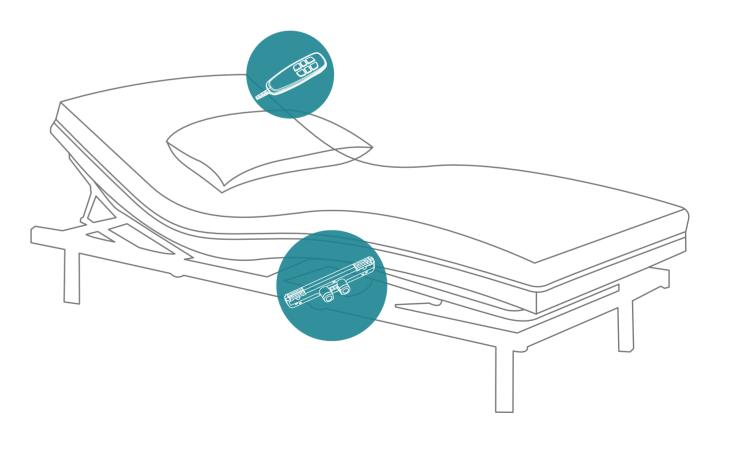
Richmat works closely with each customer to provide exclusive customized services with established a process of "R&D test - production full inspection - inventory spot check" and other control measures to guarantee quality.



Richmat trade is all over the world, established long-term, stable and solid strategic partnerships with OEMs and distributors in dozens of countries and regions.



Richmat provides you professional pre-sales consulting service and flexible, comprehensive after-sales service through our branches and distributors.

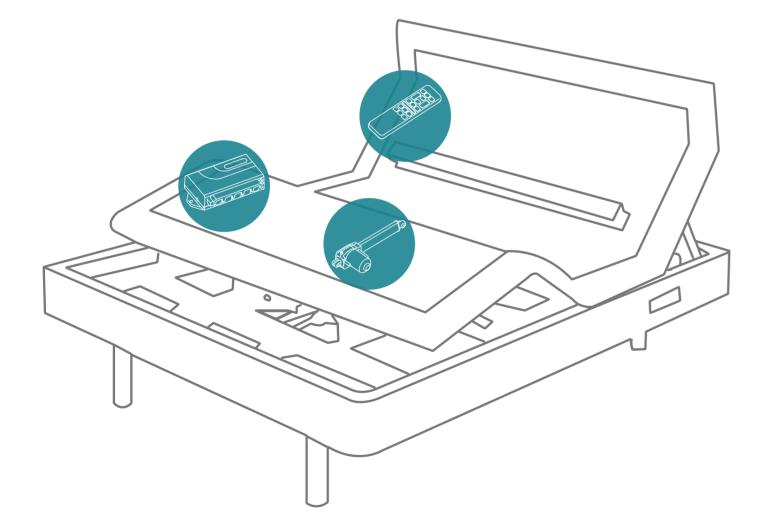


Dual actuator Application examples

## Linear actuator application

**Control** way Wire / RF Wireless / Bluetooth available Other options USB ports, massage motor, voice control,

under-bed light, bluetooth speaker etc.



## HJA1



## **SPECIFICATION**

Max. push force 2 x 6500N

No-load speed

4.3 mm/s

Installation dimension

581 mm ± 2 mm

Appearance dimension

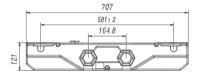
707 x 167.6 x 121 mm

Other options

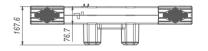
massage motors, under-bed light, linear actuators,

USB ports available

### **Dimension**







## HJA3



### **SPECIFICATION**

Max. push force 2 x 6500N

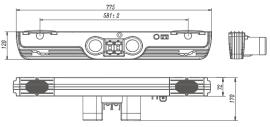
No-load speed 4.3 mm/s

Installation dimension

581 mm ± 2 mm

Appearance dimension 775 x 170 x 120 mm

massage motors, under-bed light, linear actuators, USB ports available



Linear actuator Linear actuator

## HJA4S



## HJA1E



## HJA15



#### **SPECIFICATION**

Max. push force 2 x 6500N

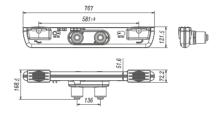
No-load speed 4.3 mm/s

Installation dimension

581 mm ± 2 mm

Appearance dimension 767 x 168.5 x 121.5 mm

#### **Dimension**



#### **SPECIFICATION**

Max. push force 2 x 6000N

No-load speed

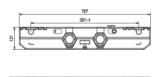
4.3 mm/s

Installation dimension

581 mm ± 2 mm

Appearance dimension 707 x 148 x 121 mm

#### **Dimension**





#### **SPECIFICATION**

Max. push force 2 x 6000N

No-load speed

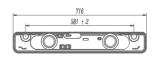
4.3 mm/s

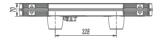
Installation dimension 581 mm ± 2 mm

Appearance dimension

715 x 130 x 150 mm

#### Dimension





## HJA58



### **SPECIFICATION**

Max. load

Push force 8000N, Pull force 4000N

No-load speed

4 - 46 mm/s

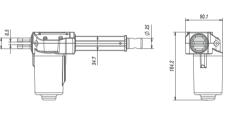
Installation dimension

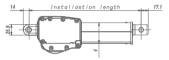
= stroke + 175 mm

Other options

Mechanical hand-protection function (push only) Hall sensor

### Dimension





## HJA67S



### **SPECIFICATION**

Max. load

Push force 6000N, Pull force 4000N

No-load speed

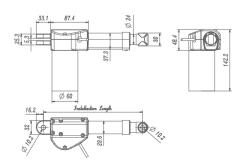
4 - 46 mm/s

Installation dimension

= stroke + 155 mm

Other options

Mechanical hand-protection function (push only) Hall sensor



Linear actuator Linear actuator

## HJA5S



### HJA63



## HJA68



#### **SPECIFICATION**

Max. load

Push force 6000N, Pull force 4000N

No-load speed

4 - 46 mm/s

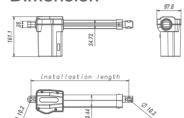
Installation dimension

= stroke + 175 mm

Other options

Mechanical hand-protection function (push only)

#### Dimension



#### **SPECIFICATION**

Max. load

Push force 6000N, Pull force 4000N

No-load speed

4 - 46 mm/s

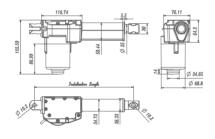
Installation dimension

= stroke + 180 mm

Other options

Mechanical hand-protection function (push only) Hall sensor

#### **Dimension**



#### **SPECIFICATION**

Max. load

Push force 6000N, Pull force 4000N

No-load speed

4 - 46 mm/s

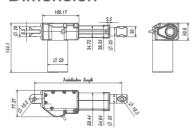
Installation dimension

= stroke + 175 mm

Other options

Mechanical hand-protection function (push only)

#### **Dimension**



## HJA35



## HJA36



## HJA66



#### **SPECIFICATION**

Max. load

Push force 6000N, Pull force 4000N

No-load speed

4 - 46 mm/s

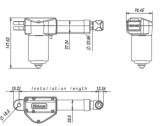
Installation dimension

= stroke + 150 mm

Other options

Mechanical hand-protection function (push only) Hall sensor

#### Dimension



#### **SPECIFICATION**

Max. load

Push force 3000N, Pull force 2000N

No-load speed

6 - 46 mm/s

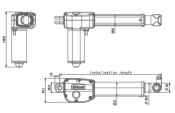
Installation dimension

= stroke + 165 mm

Other options

Mechanical hand-protection function (push only)

#### Dimension



#### **SPECIFICATION**

Max. load

Push force 3000N, Pull force 2000N

No-load speed

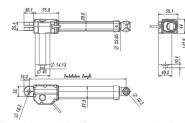
6 - 46 mm/s

Installation dimension

= stroke + 155 mm

Other options

Mechanical hand-protection function (push only)



## HJA75



## HJA77



## HJA85



#### **SPECIFICATION**

#### Max. load

Push force 6000N, Pull force 3000N

#### No-load speed

4 – 46 mm/s

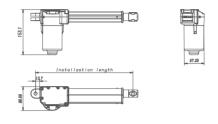
#### Installation dimension

= stroke + 165 mm

#### Other options

Mechanical hand-protection function (push only) Hall sensor

#### Dimension



#### **SPECIFICATION**

Push force 4000N, Pull force 2000N

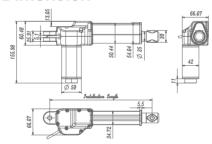
#### No-load speed

5 - 55 mm/s

#### Installation dimension

= stroke + 145 mm

#### Dimension



#### **SPECIFICATION**

#### Max. load

Push force 500N, Pull force 500N

#### No-load speed

4 – 20 mm/s

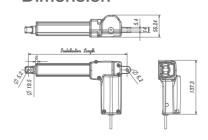
#### Installation dimension

= stroke + 120 mm

#### Other options

Hall sensor

#### Dimension



## **HJH55**



### **SPECIFICATION**

Control way RF Wireless / Bluetooth

**Buttons** 

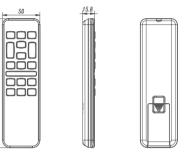
#### Instruction

Backlight

2 x 1.5V (AAA) battery

Torch

### Dimension



## **HJH73**



### **SPECIFICATION**

Control way RF Wireless / Bluetooth

2-21 Buttons

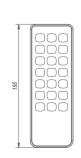
#### Instruction

Touchpad

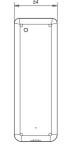
Internal lithium batteries

Micro USB port

Available to phone charger







Handset Handset

## HJT53B



## **SPECIFICATION**

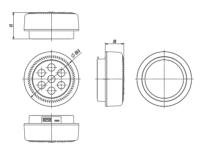
Control way Voice Control Module

**Buttons** Language English

Instruction

Keypad control available

### **Dimension**



## **HJH95**



### **SPECIFICATION**

Control way RF Wireless / Bluetooth

**Buttons** 

Instruction

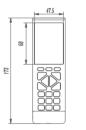
Backlight

Time & Alarm function

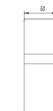
Display screen

Lithium battery integrated

### **Dimension**







## HJT53



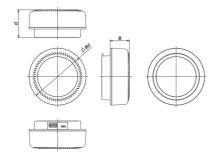
### **SPECIFICATION**

Control way Voice Control Module English Language

Instruction

Wireless charging function available

## **Dimension**



## **HJH103**



### **SPECIFICATION**

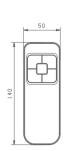
Control way RF Wireless / Bluetooth

5 or 7 **Buttons** 

Instruction

Backlight

2 x 1.5V (AAA) battery







Handset Handset

## HJH3 & HJH3L



## HJH5



## HJH8B & HJH8L



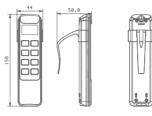
#### **SPECIFICATION**

Control way RF Wireless / Bluetooth / Wire Buttons 2-8

Instruction

Display screen High-elastic hook

#### Dimension

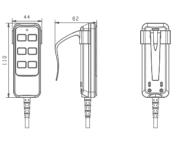


#### **SPECIFICATION**

Control way Wire Buttons 2-6

Instruction
High-elastic hook

#### **Dimension**



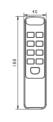
#### **SPECIFICATION**

Control way RF Wireless / Bluetooth / Wire Buttons 2-9

Instruction

2 x 1.5V (AAA)battery High-elastic hook

#### Dimension







## **HJH13B & HJH13A**



## **HJH13D & HJH13C**



## HJH22



### **SPECIFICATION**

Control way RF Wireless / Bluetooth / Wire Buttons 5

Instruction

Backlight

Internal IC chip with memory function 2 x 1.5V (AAA) battery

Torch

#### Dimension





#### **SPECIFICATION**

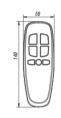
Control way RF Wireless / Bluetooth / Wire Buttons 7

Instruction

Backlight

Internal IC chip with memory function 2 x 1.5V (AAA) battery

#### Dimension

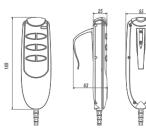




#### **SPECIFICATION**

Control way Wire Buttons 6

Instruction Indicator light



Handset Handset

## **HJH26**



## **HJH27**



## **HJH37 & HJH37L**



#### **SPECIFICATION**

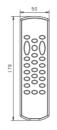
Control way RF Wireless / Bluetooth Buttons 22 Max.

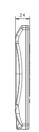
Instruction Backlight

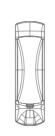
3 x 1.5V (AAA) battery

Torch

#### Dimension





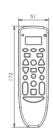


#### **SPECIFICATION**

Control way RF Wireless / Bluetooth Buttons

Instruction Backlight 2 x 1.5V (AAA) battery Torch

#### **Dimension**





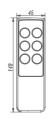


#### **SPECIFICATION**

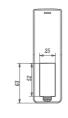
Control way RF Wireless / Bluetooth / Wire Buttons 6

Instruction Backlight 2 x 1.5V (AAA) battery

#### Dimension







## **HJH39 & HJH39L**



## HJH55B



## **HJH56**

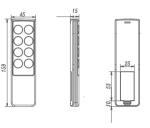


#### **SPECIFICATION**

Control way RF Wireless / Bluetooth / Wire Buttons

Instruction Backlight 2 x 1.5V (AAA) battery Torch

#### Dimension

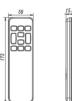


#### **SPECIFICATION**

Control way RF Wireless / Bluetooth Buttons

Instruction Backlight 2 x 1.5V (AAA) battery Torch

#### Dimension



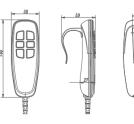




#### **SPECIFICATION**

Control way Wire Buttons

Instruction High-elastic hook



Handset Handset

## HJH56B



## **HJH123**



## **HJH113**

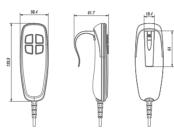


### **SPECIFICATION**

Control way Wire Buttons 4

Instruction High-elastic hook

#### Dimension



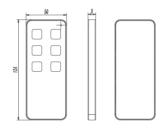
#### **SPECIFICATION**

Control way RF Wireless / Bluetooth Buttons

Instruction

Lithium battery integrated Touchpad

#### Dimension



#### **SPECIFICATION**

Control way RF Wireless / Bluetooth 11 or 17 Buttons

Instruction Backlight 2 x 1.5V (AAA) battery

### **Dimension**



## **HJH66**



## **HJH156**

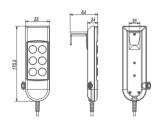


#### **SPECIFICATION**

Control way Wire Buttons

Instruction Mechanical lock Soft-touch surface

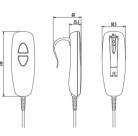
#### Dimension

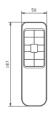


#### **SPECIFICATION**

Control way Wire Buttons

Instruction High-elastic hook









## HJC18



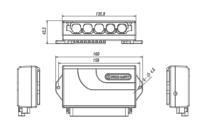
#### **SPECIFICATION**

#### Protection type IP20

#### Introduction

Control 5 linear actuators Max. Wire / RF Wireless / Bluetooth Sync function

#### Dimension



## HJC9



#### **SPECIFICATION**

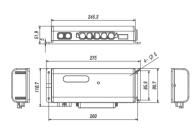
#### Protection type

IP20

#### Introduction

Control 6 linear actuators Max. Memory function Sync function

#### Dimension



## HJC25



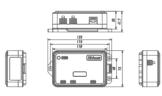
#### **SPECIFICATION**

#### Protection type IP20

Introduction

Control 2 linear actuators Max. Sync function Under-bed light integrated Memory function

#### Dimension



## HJC27



#### **SPECIFICATION**

#### Protection type

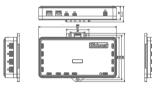
IP20

#### Introduction

Control 4 linear actuators & 4 Massage motors Max. Sync function Under-bed light integrated

Memory function USB connection

#### Dimension



## HJC8



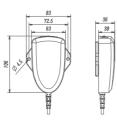
#### **SPECIFICATION**

#### Protection type IP20

Introduction

External receiver within 5 meters RF and IR technology APP available

#### Dimension



## HJC26



#### **SPECIFICATION**

#### Protection type

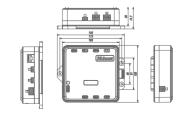
IP20

#### Introduction

Control 3 linear actuators & 2 Massage motors Max. Sync function

Under bed light integrated

Memory function USB connection



Massage motor Massage motor

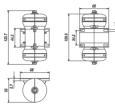
## HJM2



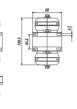
### **SPECIFICATION**

DC 24V Input voltage Unload current 80mA Installation M4 x screw 4

Other options Over-heat protection



#### Dimension

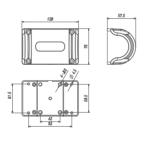


Input voltage DC 24V Unload current 80mA Installation M6 x screw 4

**SPECIFICATION** 

Other options Over-heat protection

#### **Dimension**



## HJM4

HJM3

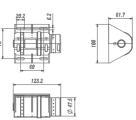


#### **SPECIFICATION**

Input voltage DC 24V Unload current 80mA Installation M6 x screw 4

Other options Over-heat protection

#### Dimension



## HJM5



## HJM6

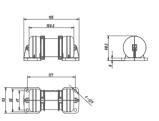


#### **SPECIFICATION**

DC 24V Input voltage Unload current 80mA Installation M6 x screw 4

Other options Over-heat protection

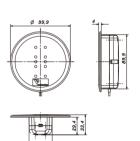
#### Dimension

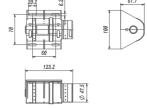


#### **SPECIFICATION**

Input voltage DC 24V Unload current 80mA

Instruction apply to sponge mattress





Power supply Power supply



HJPS5

29V 1.8A power supply Detached AC cord



29V 1.8A power supply

Detached AC cord

HJPS1



2 USB ports

Input AC 110V available

HJT20





HJT26

USB port Input: DC 5V 1A Output: 5V 1A



HJPS2

29V 1.8A power supply Detached AC cord



HJT17

29V 2A power supply Detached AC cord 2 x 9V battery



HJT22

2 USB ports Input DC 29V Output 5V 1A / 5V 2A



HJPT3

Eco device Standby power consumption < 0.1W Low voltage operation



HJPS3

29V 2A power supply Detached AC cord 2 x 9V battery



HJT17A

29V 2A power supply Detached AC cord 2 x 9V battery Power down function



HJT21A

LED under-bedlight



HJB3

Rechargeable lithium battery Rated voltage 25.2V Rated capacity 1800mA / 2200mA Max. output current 5A

#### ISO9001



























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