

# Manual

## Wireless Hanwheel

# WHB04B-6

### Technical Data

Power Supply	3 V (2x AA Battery, not included in the scope of delivery)
Frequency Range	433,05 – 434,79 MHz (ISM)
Modulation Type	FSK
Operating Bandwidth	113,04 kHz
Max. Transmitting Power	10 dBm
IP-Class	IP 40
Range	ca. 25 m with line of sight

### Requirements

- PC with Windows 10 / 11
- Mach 3 or other CNC control software with corresponding plug-in

### Scope of Delivery

- Wireless Handwheel WHB04B-6
- USB-Dongle WHB04B-6
- Shock Protection for WHB04B-6
- Rotary Knob incl. fastening for WHB04B-6
- Bracket incl. 2 Screws and Nuts

### Initial start-up

- Read this document carefully.
- Check that the contents of the packaging are complete.
- Before using the device for the first time, insert the two AA batteries on the back of the device. You will need a small Phillips screwdriver to open the battery compartment.
- Remove the impact protection on the outside of the device to gain access to the battery compartment.
- Attach the rotary knob for the dial, which is located in the battery compartment, to the front.
- To connect to your device, insert the supplied USB dongle into a USB slot
- We recommend removing the batteries if the product is not to be used for a longer period of time.
- The product can be cleaned with a damp cloth or clean air.
- Check the product for damage before use.

### Protection and warning notices



- The product may only be operated by qualified personnel
- Do not use the product if it is damaged in any way.
- The product may only be used if the operator has safe, easy and quick access to the controlled machine and its safety devices at all times.
- When the product is not in use, store it in such a way that it cannot be accidentally activated.
- Other RF sources operating in the same frequency band may interfere with the use of this product.
- The range of the product may vary depending on the environment in which it is used.
- Do not dispose of batteries in household waste.
- Ensure that the wireless handwheel is not operated by children.

### Symbols



Read the data and instructions carefully before using the device for the first time



Dispose of electronic waste at designated collection points and not with household waste.

### Manufacturer

Chengdu xinhecheng technology co.,ltd  
shuangyan road No of 1919  
wenjiang District  
Chengdu P.R.China

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### Importer

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### Declaration of Conformity, Excerpt

#### EU-Konformitätserklärung / EC-Declaration of Conformity

Originalausgabe  
Original edition

Die Firma / The company  
**ChengDu XinHeCheng Technology Co.,LTD**  
shuangyan road No. 1919  
Chengdu P.R. China

erklärt, dass das Produkt / declares that the product

**Wireless Handrad / Wireless Handwheel:**  
**WHB04B-6**

auf das sich diese Erklärung bezieht, mit den wesentlichen Schutzanforderungen folgender  
Richtlinie(n) übereinstimmt:

is in conformity with the following standards or other normative documents:

**2014/53/EU (L153/62 22.05.2014) (RED)**

**ETSI EN 300 220-1: 2017-02** Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz - Part 1: Technical characteristics and methods of measurement

**ETSI EN 300 220-2 V3.1.1** Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz - Part 2: Harmonised Standard for access to radio spectrum for non specific radio equipment

**2014/30/EU (L96/79 29.3.2014) (EMC)**

**ETSI EN 301 489-1 V1.9.2** ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 1: Common technical requirements - Harmonised Standard for ElectroMagnetic Compatibility

**ETSI EN 301 489-3: 2023-01** ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 3: Specific conditions for Short Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz - Harmonised Standard for ElectroMagnetic Compatibility

**2014/35/EU (L96/357 29.3.2014) (LVD)**

**EN 62479: 2010** Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

**EN IEC 62368-1:2020+A11:2020** Audio/video, information and communication technology equipment - Part 1: Safety requirements

**2011/65/EU (Abl. L 174/88 S. 1.7.2011) (RoHS)**

VO (EU) 2015/863 L 137/10 4.6.2015

**IEC 62321-3-1:2013, IEC 62321-5:2013**

**IEC 62321-4:2013+AMD1:2017, IEC 62321-7-1:2015,**

**IEC 62321-7-2:2017, IEC 62321-6:2015, IEC 62321-8:2017** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Date

shuangyan road No. 1919 Chengdu

Geschäftsführung / Managing Director

