

# Operating Instructions

**blueSmart Rhino**

# blueSmart Rhino

## 1. Overview



Fig. 1: blueSmart Rhino

### Brief description

The key is suitable for use in fire brigade safes and their ambient conditions. It locks blueSmart components (double knob cylinders type 6x excepted) with a functional battery just like any other standard user key. If applied for passive cylinders or cylinders containing a low battery, it is necessary to press its button before the locking transaction takes place.

### Included in delivery

The scope of delivery includes the RhinoKey with an integrated energy supply which cannot be replaced.

## 2. Safety

This section provides an overview of all important safety aspects for personal protection and safe and problem-free operation.

### 2.1 Symbols in these instructions

#### Safety instructions

Warnings are identified in these operating instructions by the use of symbols. The safety information is preceded by signal words emphasizing the severity of the risk.



#### Caution!

This combination of symbol and signal word indicates a potentially dangerous situation which could result in death or severe injury if not prevented.



#### Note!

This combination of symbol and signal word indicates a potentially dangerous situation which could result in property damage or environmental damage if not prevented.



#### Environmental Protection!

This combination of symbol and signal word indicates potential hazards to the environment.

### 2.2 Intended use

The blueSmart Rhino is intended for use exclusively as a user or programming key in combination with a Winkhaus locking system for commercial use.

Following all of the instructions in this manual is also part of intended use. Any use other than the intended use constitutes misuse. The key is designed for an operating life of up to five years with up to 800 actuations.



#### Caution!

##### Danger if misused!

Misuse of the blueSmart Rhino can cause the key not to work as a user key any longer in emergencies:

- Never place in fire
- Do not close electronic keys forcefully
- Operating temperature -25 °C to +55 °C
- Storage temperature -25 °C to +70 °C
- The key must be removed and replaced by another if it was exposed to temperatures exceeding 70 °C.
- After expiry of the attached date (in format mm/yyyy) the key must be removed and replaced by a new key.



#### Note!

##### Follow instructions!

The blueSmart Rhino key may only be used after these instructions have been read.

# blueSmart Rhino

## 2.3 Responsibility of the operator

The operator of the locking system is obliged to perform function tests of the key on all relevant door components on a regular basis, i. e. at least once a year.

Following an enabling operation or an unauthorised locking attempt there may be a signal "battery warning". After the signalling the key must be removed at short notice (after 6 weeks at the latest) and it must be replaced by a new key. A missing signalisation does not mean that the function will persist for more than several weeks.

There must not be any interfering sources in the fire brigade safe or in its vicinity that may rouse the electronics. However, if this happens outside normal use or programming of the key, it is indicated by a signalisation "active electronics". Frequent rousing of the electronics caused by interfering sources results in a quicker discharge and consequently a reduced life of the battery.

The operator of the locking system must make sure that the key is removed from the system and replaced by another key if the period of use or the admissible number of locking transactions has been exceeded or if it has been exposed to interfering sources.

## 3. Parts description

### 3.1 Signalisation LED

The blueSmart Rhino signalisation LED provides the key user with the necessary feedback on the current status, selected operating mode or function.

#### 3.1.1 Battery warning

Red flashing at 100 ms intervals



#### 3.1.2 Active electronics

Blue pulse, 10 ms



The electronics of the key is activated in case the key is programmed, its button is actuated, it is used for locking transactions or in case there are any interfering sources in its close proximity.

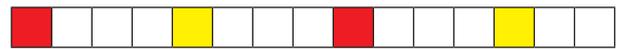
### 3.1.3 Signalisation after push of the button

Yellow flashing at 250 ms intervals



Search for a cylinder to be opened.

Red-yellow flashing at 333 ms intervals



Error in communication with the cylinder.

Green pulse, 250 ms



Key is authorised.

Red pulse, 750 ms



The key is not authorised.

## 3.2 Button

The button is needed for activating the key prior to locking procedures on a passive cylinder or a cylinder with a low battery.

## 4. Software product, version and extension modules

The key may exclusively be used in combination with the blueControl Professional software version 4.5.

## 5. Disposal

Environmental damage caused by batteries and electronic components that are improperly disposed of!



- Do not dispose of batteries with household waste! Defective or used batteries must be disposed of in accordance with European Directive 2006/66/EC.
- It is forbidden to dispose of the product with household waste, the disposal must be performed according to the regulations. Therefore, dispose of the product in accordance with European Directive 2012/19/EU at a municipal collection point for electrical waste or have it disposed of by a specialist company.
- The product can alternatively be returned to Aug. Winkhaus GmbH & Co. KG, Entsorgung/Verschrottung, Hessenweg 9, 48157 Münster. This product contains built-in batteries. It is thus subject to the regulations of the GGVSEB (Ordinance on the Domestic and International Transport of Dangerous Goods by Road, Rail and Inland Waterways). Please contact the shipping company you have chosen for information on the correct dispatch packaging in terms of the transport of hazardous goods.

## 6. Technical data

### 6.1 Dimensions

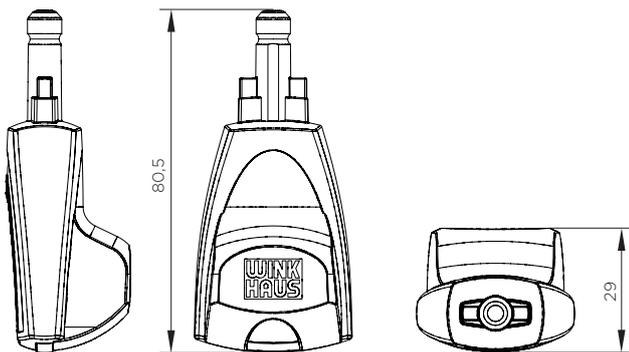


Fig. 2: blueSmart Rhino

### 6.2 Operating and storage conditions

**Operating temperature range:** from -25 °C to +55 °C

**Storage temperature range:** from -25 °C to +70 °C

**Humidity:** IP68

## 7. Declaration of Conformity



Aug. Winkhaus GmbH & Co. KG declares herewith that the device is compliant with the basic requirements and the relevant rules in directive 2014/53/EU. The long version of the declaration of EU conformity is available at: [www.winkhaus.com/konformitaetserklaerungen](http://www.winkhaus.com/konformitaetserklaerungen)



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