



# WINKHAUS BXP BS Programming Device for blueSmart User Guide

[Home](#) » [WINKHAUS](#) » WINKHAUS BXP BS Programming Device for blueSmart User Guide 

## Contents

- 1 WINKHAUS BXP BS Programming Device for blueSmart
- 2 Description of components
- 3 Standard accessories (included in the scope of delivery)
- 4 First Steps
  - 4.1 Switching on / off
  - 4.2 Transfer of data
  - 4.3 Programming device on site
  - 4.4 Menu structure
- 5 Application notes
  - 5.1 Identifying components
  - 5.2 Programming components
  - 5.3 Open transactions/faulty transactions
  - 5.4 Battery replacement list / battery status list
  - 5.5 Reading out events / showing events
  - 5.6 Identifying ID medium
  - 5.7 Synchronising component time
  - 5.8 Power adapter function
  - 5.9 Battery replacement function
  - 5.10 Choosing a system
  - 5.11 Settings
- 6 Power supply / security notes
  - 6.1 BXP power supply and security notes
  - 6.2 Charging the batteries
- 7 Ambient conditions
- 8 Error codes
- 9 Disposal
- 10 Declaration of Conformity
- 11 Documents / Resources
  - 11.1 References
- 12 Related Posts



## WINKHAUS BXP BS Programming Device for blueSmart



### Description of components



- Connection socket for power supply unit
- USB-B port
- RJ 45 interface

- Key insertion slot for electronic key
  - Contact surface for RFID cards
  - Connection socket for adapter cable
  - USB-A port
  - Slot for RFID cards (e. g. programming card)
- On / off switch

### Standard accessories (included in the scope of delivery)



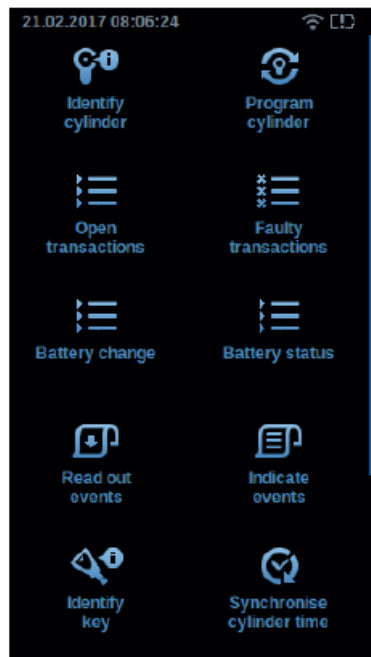
- USB cable type A4
- Connection cable type A1 to cylinder
- Power supply unit for external power supply
- Connection cable type A5 to reader and electronic door handle
- Without figure: connection cable type A6 to cylinder type 6X (only for variant BXP BS 61 and BXP BS 61 Start)
- Without figure: Micro-USB cable for emergency power supply of blueSmart cabinet and locker locks
- Without figure: HST programming adapter
- Without figure: Power adapter type 61 for knob module

### First Steps

Connect the plug-in power supply unit to the BXP. The device starts automatically. Make sure that the programming device's drivers have been properly installed. As a rule the drivers are automatically installed on installation of the administration software. But they can also be found on the attached installation CD. Connect the programming device to the PC by means of the attached USB cable. Launch the electronic locking system administration software on your PC and follow the instructions on the screen. The software will then check whether a firmware update is available for your programming device. If there is, the update must be installed.

**Note:** On installing the BXP firmware update, please ensure that no transactions (data) are open in the programming device memory in the process.

### Switching on / off



To switch on, please push the on/off switch (9). The ring around the key insertion slot lights up blue and a short beep is heard. Then the Winkhaus logo and a progress bar appear. After that the start window is shown in the display (fig. 3).

If the on/off switch (9) is pushed briefly, the system will ask you whether you want to switch off the BXP.

In case the device does no longer respond, it can be switched off by pushing the on/off switch very long (at least 20 s).

### Transfer of data

You can find the individual setting of the interface in the software's corresponding installation instructions. The programming device is able to communicate with the administration software via USB, LAN or W-LAN (see 4.11 Settings).

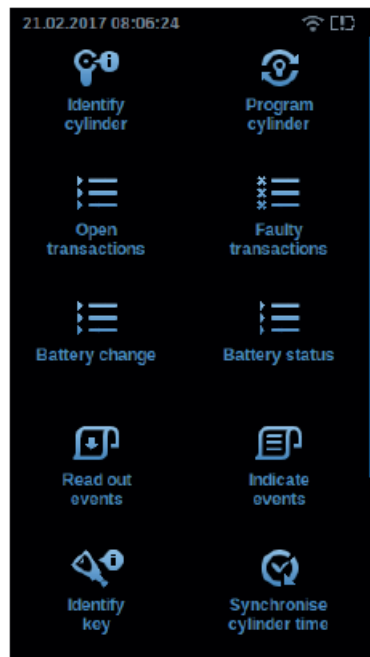
### Programming device on site



The preparation on the PC takes place by means of the administration software. After the requested information has been transferred to the BXP, please connect the device to the blueSmart component in question using the suitable adapter cable.

**Please note:** You need the type A1 adapter for cylinders. Insert the adapter, turn it about 45° and it will lock into position. You need to use a type A5 adapter if you are using readers and the intelligent door handle fitting system. For use of double knob cylinders of the type 6X you need the programming device BXP BS 61 (5044573) or BXP BS 61 Start (5085528) with adapter type A6 (included in the BXP BS 61 and BXP BS 61 Start scope of delivery).

### Menu structure

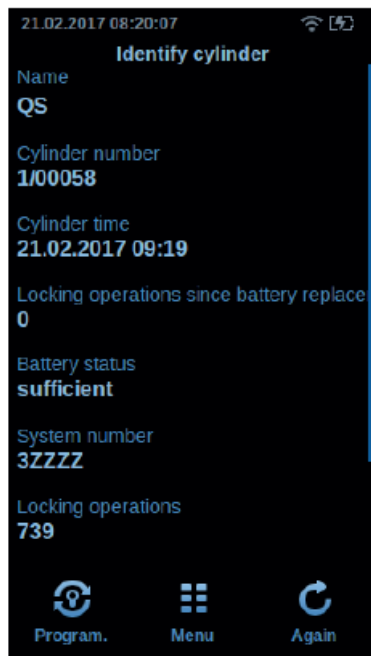


- Identifying component
- Programming component
- Open transactions
- Faulty transactions
- Battery replacement list (only BXP BS and BXP BS 61)
- Battery status list (only BXP BS and BXP BS 61)
- Reading out events
- Showing events
- Identifying ID medium
- Synchronising component time
- Power adapter function
- Battery replacement function
- Choosing a system
- Settings

**Note:** The navigation takes place via touching of the touch display. The progress bar on the right display edge shows the position.

## Application notes

### Identifying components



If the locking system or the locking number should no longer be readable, the cylinder, the readers or the fittings (components) can be identified. For instance, connect the BXP to the cylinder and select "Identifying component". The action is automatically started. All relevant data is indicated (see table). Scroll down for further information.

#### **Indicated information**

- Component name
- Component number
- Component time
- Locking events since battery replacement
- Battery status
- System number
- Amount of locking events
- Component status
- Component ID

#### **Programming components**

In this menu, information which has previously been generated in the application, can be transferred to the blueSmart components (cylinder, reader, fitting). To this effect connect the BXP with the component and choose "Programming component". Programming is started automatically. The various steps including confirmation can be monitored on the display.

#### **Open transactions/faulty transactions**

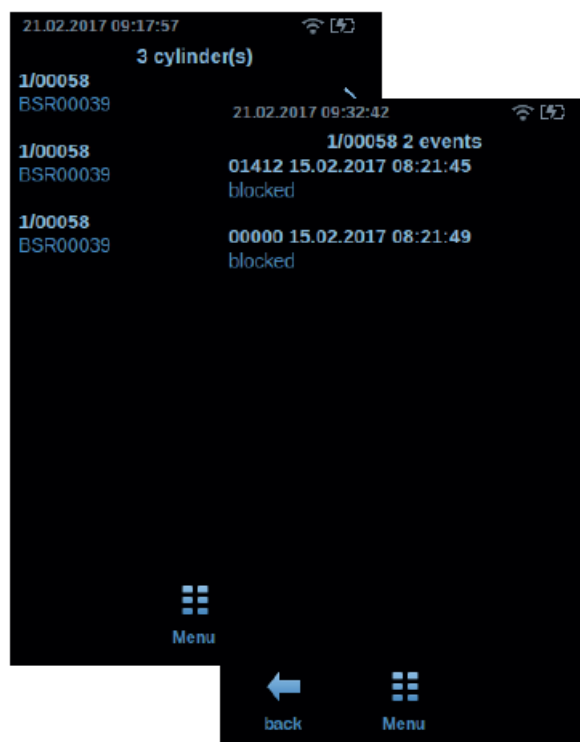


The transactions are generated in the administration software. These may be programmings to be performed. These transactions are indicated in lists form. You can access the transactions that are stored in the BXP. You can either choose the open or the incorrect transactions to be indicated.

#### Battery replacement list / battery status list

These lists are generated in the administration software of the locking system and are transferred to the BXP. The battery replacement list contains information about components for which battery replacement is necessary. The battery status list includes components for which the current battery status is to be ascertained.

#### Reading out events / showing events



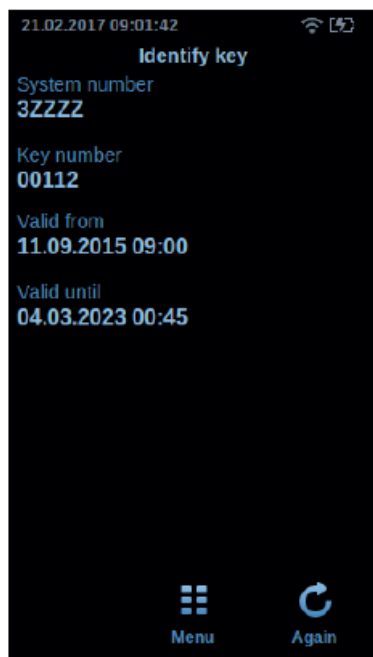
The last 2,000 locking transactions, so-called “events”, are stored in the components. These events can be read

out and displayed via the BXP. To do this, the BXP is connected to the component. Selecting the menu item “Reading out events” will automatically start the read-out process. After successful read-out, conclusion of this process is confirmed.

Now you can view the events by choosing the item “Showing events”. The display will then show a summary of the events that have been read out in components lists. Select the requested components list. You can now view the locking events of the chosen component. It is also possible to change directly from the item menu “Reading out events” to the item “Showing events”.

**Note:** The function “Showing events” may not be available under certain software settings with regard to data protection or logging.

### Identifying ID medium



As is the case with the components, you can also have the ID media (keys, cards, key fobs) identified and assigned. To this effect, please enter the key to be identified into the BXP key slot. Cards and key fobs are placed on the device.

The number of the ID medium as well as its period of validity are displayed.

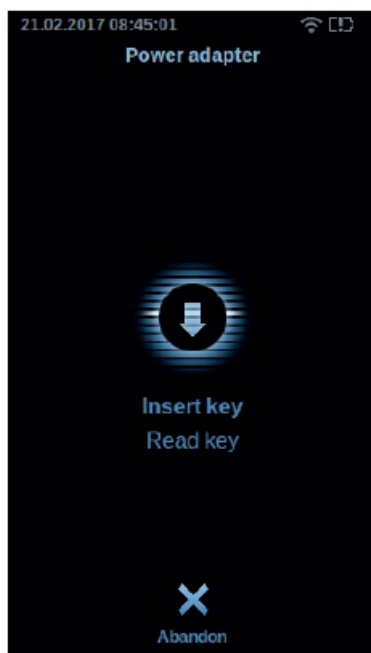
### Synchronising component time





Due to environmental influences, there may be differences between the displayed time and the actual time over the course of time when electronic components are operating. The item “Synchronising component time” allows you to indicate and synchronise the time of components. If there should be any differences, you can touch the Sync symbol to match the time of components with the time of the BXP. The time of the BXP is based on the system time of the computer. If the component time differs more than 15 minutes from the system time, you will be required to authenticate it again by reinserting the programming card. The changeover from summer to winter time and vice versa is performed automatically.

#### **Power adapter function**



The power adapter function only allows you to open doors for which you have an authorised identification medium (also restricted to a certain period of time).

#### **Please proceed as follows for cylinders (except type 6X)**

1. Insert the key with access authorisation into the key insertion slot (4) of the BXP device.
2. Insert the programming adapter into the cylinder to be opened.
3. Turn the programming adapter (type A1) “like you turn an authorised key” to open the cylinder.

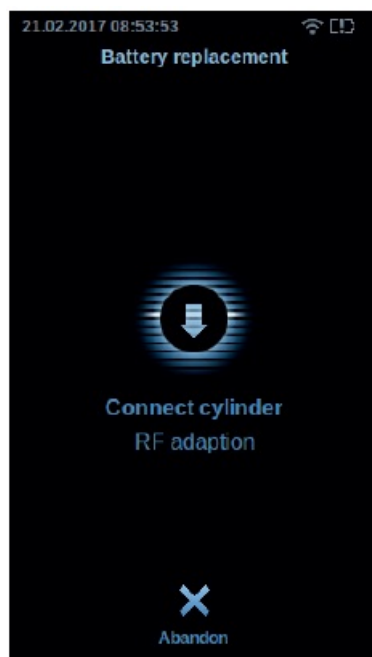
### Emergency opening of 6X cylinders and EZK fittings

The emergency opening by means of the power adapter function of cylinders type 6X and fittings type EZK is described in the corresponding instructions for these components. Please note that the supplied power adapter is required for the emergency opening of cylinders type 6X (to perform the power adapter function). For EZK fittings the optionally available adapter 2772451 is required.

### Emergency power supply for the cabinet and locker locks

Please use the micro USB power adapter (Item no.: 5046900). To do so, remove the USB plugs on the bottom of the reader unit and connect the power adapter to the reader unit using the enclosed cable and the other side with a 5V powerbank or the BXP (USB connection at the front). You will then be able to open the cabinet with an authorised identification medium after 10 seconds at most. Please change the batteries of the lock housing at once.

### Battery replacement function



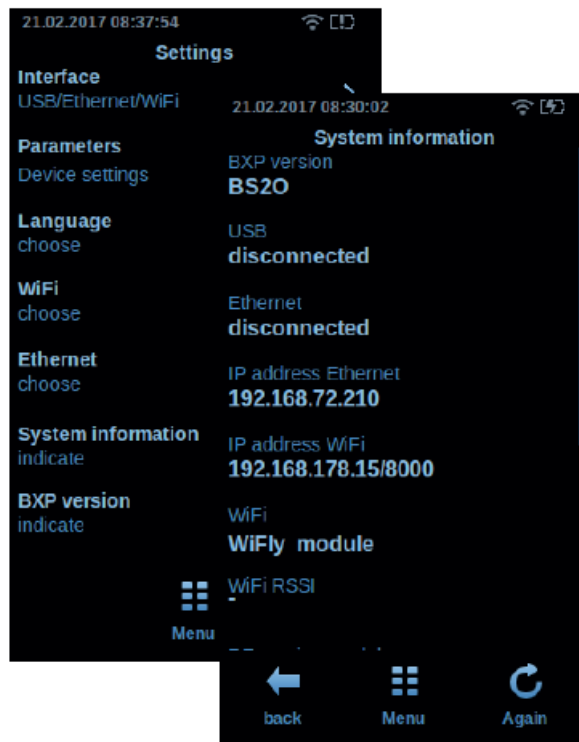
This function is performed after battery replacement took place in one of the components. In the process the time is reset and the counter “Transactions after battery replacement” in the component is set to zero. During the next communication between the BXP and the administration software this information in the software is updated.

### Choosing a system

With the administration software it is possible to manage several systems. The BXP shows all the systems in this menu item. The system to be dealt with can then be selected.

**Note:** If different systems are managed please ensure that no transactions (data) are open in the programming device memory at the time the system is changed.

### Settings



In the settings section you can select the interface between the BXP and the software which is adjusted in the administration software. Using the menu item “Parameters” you can adapt the BXP to your requirements. The system information provides a survey of your BXP device.

## Power supply / security notes

There is a battery box on the underside of the BXP programming device which contains a battery pack on delivery.

### BXP power supply and security notes

#### Warning

Risk of explosion if the battery is replaced improperly. Only use original Winkhaus rechargeable battery (item no. 5044558).

In order to avoid unacceptably high exposure to electromagnetic fields, the programming adapters must not be placed closer than 10 cm to the body when in operation.

- Please only use original Winkhaus accessories and spare parts. This helps to prevent possible health and material damages. Do not modify the device in any way. Please observe the legal regulations when disposing of unusable batteries. Rechargeable batteries must not be discarded with the household waste.
- Only use the supplied power supply unit; the use of any other device can lead to damages or hazards for health. Never operate a power supply unit if it shows visible signs of damage, or if the connecting cables are visibly damaged. The power unit for recharging batteries should only be used in enclosed rooms, in dry surroundings and with a maximum ambient temperature of 35 °C.
- It is entirely normal that batteries, which are being charged or operated, warm up. It is therefore recommended to position the device on a free surface. And the rechargeable battery may not be replaced during charging operations.
- If the device is stored for a longer period of time and at an ambient temperature above 35 °C, this may lead to a spontaneous and even a total discharge of the battery. The device is provided with a self-resetting protection facility against overload current at the power supply input side. If it is triggered, the display goes out and the

device cannot be switched on. In such an event, the error, for instance a defective battery, must be removed, and the device must be disconnected from mains power for approximately 5 minutes.

- According to manufacturer specifications, rechargeable batteries can usually be used in a temperature range from -10 °C to +45 °C. The output capacity of the battery is strongly limited at temperatures below 0 °C.

Winkhaus therefore recommends that a use at less than 0 °C is to be avoided.

### Charging the batteries

The batteries are recharged automatically once the device is connected with the power cable. The battery status is shown by a symbol on the display when the BXP is switched on. Batteries last for about 8 hours of net programming time. Recharging time is a max. of 14 hours.

**Note:** The rechargeable battery is not fully loaded when the BXP is delivered. To charge it, first connect the supplied power unit with a 230 V socket and then with the BXP. For initial charging the loading time amounts to approximately 14 hours.

### Ambient conditions

Battery operation: -10 °C to +45 °C; recommendation: 0 °C to +35 °C. Operation with power supply unit: -10 °C to +35 °C for indoor use. In the case of low temperatures, the device should be additionally protected by insulation. Protection class IP 52, prevent condensation.

### Error codes

If an error occurs during the programming or communication process between the BXP and the BS components, it is usually due to a transmission problem. In order to rectify such a problem, please proceed as follows:

1. Verify whether the component is correctly connected and whether the suitable adapter cable is used.
2. Check the battery of the component.

You will find further error codes and possible remedial actions listed below

	Description	Possible remedial actions
--	-------------	---------------------------

#### Error type 1 (error code)

35, 49, 210, 336, 456	<ul style="list-style-type: none"><li>• No connection to identification medium</li></ul>	<ol style="list-style-type: none"><li>1. Check whether the ID medium is correctly connected to the programming device. For keys: straight in key insertion slot. For cards and key fobs: centrally on the contact surface.</li><li>2. Check the function with other identification media.</li></ol>
-----------------------	--	---

#### Error type 2 (error code)

39	<ul style="list-style-type: none"> <li>Power adapter failed</li> </ul>	<ol style="list-style-type: none"> <li>1. Check whether the used ID medium has the necessary authorisations.</li> <li>2. Verify whether the component is correctly connected and whether the suitable adapter cable is used.</li> </ol>
----	--	---

#### Error type 3 (error code)

48	<ul style="list-style-type: none"> <li>System card could not be read when setting the clock</li> </ul>	<ol style="list-style-type: none"> <li>1. Check whether the programming card has been correctly inserted into the card slot (straight position).</li> <li>2. Check whether it is the right card.</li> </ol>
----	--	---

#### Error type 4 (error code)

51, 52, 78, 80, 94, 95, 96, 150, 160, 163	<ul style="list-style-type: none"> <li>Communication with BXP is faulty</li> </ul>	<ol style="list-style-type: none"> <li>1. Synchronise the BXP with the locking system administration software.</li> </ol>
---	--	---

#### Error type 5 (error code)

60, 61, 70, 141	<ul style="list-style-type: none"> <li>System information is faulty</li> </ul>	<ol style="list-style-type: none"> <li>1. Verify whether the component to be programmed belongs to the chosen system.</li> </ol>
-----------------	--	--

#### Error type 6 (error code)

92	<ul style="list-style-type: none"> <li>Wrong time</li> </ul>	<ol style="list-style-type: none"> <li>1. Perform the function "Synchronise component time" for the component in question.</li> <li>2. Synchronise the BXP with the locking system administration software.</li> </ol>
----	--	--

#### Error type 7 (error code)

117, 118, 119, 120	<ul style="list-style-type: none"> <li>Communication with upload reader is faulty</li> </ul>	<ol style="list-style-type: none"> <li>1. Verify whether the upload reader is correctly connected and whether the right adapter cable is used.</li> <li>2. Check if the upload reader is in operation.</li> <li>3. Check the connection between the upload reader and the locking system administration software.</li> </ol>
--------------------	--	--

#### Error type 8 (error code)

121	<ul style="list-style-type: none"> <li>Acknowledgement signal unknown to upload reader</li> </ul>	<ol style="list-style-type: none"> <li>1. Verify whether there is an update for the BXP.</li> </ol>
-----	---	---

#### Error type 9 (error code)

144	<ul style="list-style-type: none"> <li>Power adapter function cannot be carried out due to wrong component</li> </ul>	<ol style="list-style-type: none"> <li>1. The power adapter function can only be carried out for BS locking cylinders, except type 6X.</li> </ol>
-----	---	---

In case you are not able to solve the problem, please contact your specialised dealer.

### 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, Germany. Return only without battery.
- The packaging must be separately recycled in accordance with the separation regulations for packaging material.

### 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)

Aug. Winkhaus GmbH & Co. KG Hessenweg 9

D -48157 Münster


T +49 251 4908- 0

F +49 251 4908- 145

[winkhaus.de](http://winkhaus.de)

[zutrittsorganisation@winkhaus.de](mailto:zutrittsorganisation@winkhaus.de)

## Documents / Resources

	<p><a href="#">WINKHAUS BXP BS Programming Device for blueSmart</a> [pdf] User Guide BXP BS Programming Device for blueSmart, BXP BS, Programming Device for blueSmart, Device for blueSmart</p>
---	--

## References

- [Winkhaus Homepage | Winkhaus](#)
- [Winkhaus Technische Downloads | Winkhaus](#)

Manuals+.