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› [ABUS](#) /

› [ABUS Bordo Alarm Lock 6000KA/90 SH User Manual](#)

## ABUS 6000KA/90 SH

# ABUS Bordo Alarm Lock 6000KA/90 SH User Manual

Model: 6000KA/90 SH

## 1. INTRODUCTION

This manual provides essential instructions for the proper use, setup, and maintenance of your ABUS Bordo Alarm Lock 6000KA/90 SH. Please read this manual thoroughly before using the product to ensure optimal security and functionality. The ABUS Bordo Alarm Lock is designed to secure bicycles with its robust folding bar construction and integrated alarm system.

## 2. PRODUCT OVERVIEW

The ABUS Bordo Alarm Lock 6000KA/90 SH combines the flexibility of a folding lock with the added security of an alarm. Key features include:

- Folding Bar Construction:** Offers a high level of security while remaining compact for transport.
- XPlus Cylinder:** An advanced locking mechanism designed to resist picking attempts.
- Integrated Alarm System:** Emits a loud 100dB alarm upon detecting significant movement or tampering.
- 3D Position Detection:** Intelligent motion sensor technology distinguishes between minor vibrations (e.g., a passing ball) and actual theft attempts. Minor vibrations trigger a short warning beep, while sustained or stronger movements activate the full alarm.
- Security Level 10:** Indicates a high level of protection against theft.



**Figure 1:** The ABUS Bordo Alarm Lock 6000KA/90 SH shown in its compact, folded state. The ABUS logo is visible on the top housing.

## 3. SETUP

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### 3.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect the lock for any signs of damage. Ensure all included components, such as the lock, keys, and mounting bracket, are present.

### 3.2 Battery Installation

The alarm function requires batteries, which are not included.

1. Locate the battery compartment on the lock unit.

- Using a suitable tool (e.g., a small screwdriver), open the battery compartment cover.
- Insert the required batteries, ensuring correct polarity (+/-). Refer to the compartment for specific battery type and orientation.
- Securely close the battery compartment cover.
- A short beep may indicate successful battery installation and alarm system readiness.

### 3.3 Mounting the Lock

The included mount allows for convenient transport of the lock on your bicycle.

- Attach the mounting bracket to your bicycle frame using the provided straps or screws. Ensure it is securely fastened and does not interfere with bicycle operation.
- Slide the folded lock into the mounting bracket until it clicks into place.
- To remove, press the release button on the bracket and slide the lock out.

## 4. OPERATION

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### 4.1 Locking Your Bicycle

- Remove the lock from its mount.
- Unfold the lock bars to their full length (90cm).
- Wrap the lock around your bicycle frame and a fixed object (e.g., a bike rack, lamppost). Ensure the lock passes through a non-removable part of your bicycle, such as the frame or a wheel that cannot be easily detached.
- Insert the locking bar into the lock body and turn the key to secure it. Remove the key.
- The alarm system will automatically arm after a few seconds, indicated by a confirmation beep.

### 4.2 Alarm Functionality

- Warning Beep:** If the lock detects a minor vibration (e.g., accidental bump), it will emit a short warning beep. This is designed to deter potential thieves without triggering a full alarm for non-threats.
- Full Alarm:** If sustained or stronger movement is detected after a warning beep, or if a significant tampering attempt occurs, the lock will activate a loud 100dB alarm. The alarm will sound for a set duration and then re-arm itself if the movement ceases.

### 4.3 Unlocking Your Bicycle

To unlock and disarm the alarm:

- Insert your key into the lock cylinder.
- Turn the key to unlock the mechanism. This action will also disarm the alarm system.
- Remove the locking bar and fold the lock for transport.

## 5. MAINTENANCE

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### 5.1 Battery Replacement

When the alarm system's battery power is low, the lock may emit a specific low-battery warning sound (refer to product documentation for specific sound pattern). Replace batteries promptly to ensure continuous alarm functionality. Follow the steps in Section 3.2 for battery installation. Dispose of old batteries responsibly.

### 5.2 Cleaning and Lubrication

- **Cleaning:** Wipe the lock body and bars with a damp cloth to remove dirt and grime. Avoid harsh chemicals that could damage the finish or internal components.
- **Lubrication:** Periodically apply a small amount of lock lubricant (e.g., graphite-based or silicone-free spray) to the keyhole and moving parts of the folding mechanism. This helps maintain smooth operation and prevents corrosion.

## 6. TROUBLESHOOTING

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- **Alarm not sounding:**
  - Check battery level and replace if necessary (see Section 5.1).
  - Ensure the lock was properly armed (listen for the confirmation beep after locking).
  - Verify that the movement detected is significant enough to trigger the full alarm, not just a warning beep.
- **False alarms:**
  - Ensure the bicycle is stable and not prone to excessive movement from wind or passing traffic.
  - The 3D position detection is designed to minimize false alarms, but extreme conditions might occasionally trigger it.
- **Key difficult to turn or lock mechanism stiff:**
  - Apply lock lubricant to the keyhole and cylinder (see Section 5.2).
  - Ensure the key is fully inserted and not bent or damaged.
  - Clean any debris from the keyhole.

## 7. SPECIFICATIONS

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<b>Model</b>	6000KA/90 SH
<b>Brand</b>	ABUS
<b>Lock Type</b>	Folding Lock with Key, Alarm Function
<b>Security Level</b>	10
<b>Alarm Volume</b>	100dB
<b>Length</b>	90 cm (35.4 inches)
<b>Weight</b>	1450 g (3.2 pounds)
<b>Materials</b>	Stainless Steel, Hardened Steel, Plastic
<b>Folded Dimensions (L x W x H)</b>	1.97 x 3.94 x 7.87 inches
<b>Batteries Required</b>	Yes (not included)
<b>Special Features</b>	Motion Sensor, XPlus Cylinder
<b>Included Components</b>	Lock, Keys, Mount

## 8. WARRANTY AND SUPPORT

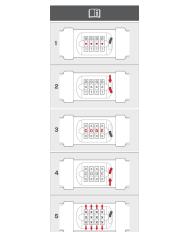
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For warranty information, technical support, or replacement parts, please contact ABUS customer service directly.

Refer to the official ABUS website or product packaging for contact details specific to your region. Keep your proof of purchase for warranty claims.

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## Related Documents - 6000KA/90 SH

	<p><a href="#"><b>ABUS 6950AM Bike Lock: Installation and Operation Guide</b></a> Comprehensive guide for installing and operating the ABUS 6950AM bike lock, including safety instructions, mounting options, and warranty information.</p>
	<p><a href="#"><b>ABUS 6950AM Bicycle Frame Lock: Installation and User Manual</b></a> Comprehensive guide for installing and using the ABUS 6950AM bicycle frame lock. Includes safety warnings, mounting instructions for different options, operation details, and warranty information.</p>
	<p><a href="#"><b>ABUS Alarmbox Security Device - Installation and User Guide</b></a> Comprehensive guide for the ABUS Alarmbox, covering installation, operation, battery replacement, disposal, and warranty information. Ensure optimal security for your belongings.</p>
	<p><a href="#"><b>ABUS 770A SmartX Fahrradschloss: Montage- und Bedienungsanleitung</b></a> Umfassende Anleitung für das ABUS 770A SmartX Fahrradschloss mit Alarmfunktion und SmartX-Technologie. Enthält detaillierte Informationen zur Installation, Bedienung, App-Integration und Sicherheitshinweise.</p>
	<p><a href="#"><b>ABUS U-Lock Combination Reset Guide</b></a> Learn how to easily reset the combination on your ABUS U-Lock with this step-by-step visual guide. Includes instructions for setting a new personal code.</p>
	<p><a href="#"><b>ABUS Combiflex Rest 105 + CHR Instructions</b></a> This document provides instructions for setting the combination and mounting the ABUS Combiflex Rest 105 + CHR lock. It includes steps for setting the factory default combination and attaching the lock to various surfaces.</p>