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Apricorn ASK3-1TB

Apricorn Aegis Secure Key 3.0 User Manual

Model: ASK3-1TB

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of the Apricorn Aegis Secure Key 3.0. Please read this manual thoroughly before using the device to ensure proper functionality and data security.

2. PRODUCT OVERVIEW

The Apricorn Aegis Secure Key 3.0 is a FIPS 140-2 Level 3 Validated, hardware-encrypted USB 3.0 flash drive designed for secure data storage. It features an onboard keypad for PIN authentication, ensuring that all data is encrypted on the fly and remains secure at rest.



Figure 1: Apricorn Aegis Secure Key 3.0 with its protective cap removed, revealing the integrated keypad and USB connector. The device is black with a blue light indicator near the Apricorn logo.

3. KEY FEATURES

- **FIPS 140-2 Level 3 Validated:** Meets stringent government security standards for cryptographic modules.
- **256-bit AES XTS Hardware Encryption:** All data is encrypted in real-time, independent of the host system.
- **PIN Authenticated:** Access is granted via an onboard keypad, eliminating software vulnerabilities.
- **Software-Free Operation:** No software installation required, ensuring cross-platform compatibility (Windows, Linux, Mac, Android, Chrome, embedded systems).
- **USB 3.1 (3.0) Data Transfer:** Provides high-speed data transfer rates.
- **Rugged Design:** IP68 certified for protection against dust and water immersion.
- **Tamper-Evident:** Internal components are protected with hardened epoxy, and firmware is locked down against malware attacks.
- **Admin and User Modes:** Separate modes for administrative control and regular user access.

4. PACKAGE CONTENTS

The standard package for the Apricorn Aegis Secure Key 3.0 (ASK3-1TB) typically includes:

- Apricorn Aegis Secure Key 3.0 USB Flash Drive (1 TB)
- Quick Start Guide
- USB Extension Cable (may vary by region/package)

5. SETUP

5.1 Initial PIN Setup

1. **Charge the Device:** Before first use, connect the Aegis Secure Key to a powered USB port for approximately 30-60 minutes to ensure the internal battery is charged. The blue LED will blink during charging and turn solid when fully charged.
2. **Power On:** Press the **Unlock** button (green padlock) to power on the device. The red and green LEDs will illuminate.
3. **Set Admin PIN:**
 - Press the **Lock** button (red padlock) and the '7' key simultaneously. The red and green LEDs will blink.
 - Enter a new Admin PIN (7-16 digits).
 - Press the **Unlock** button.
 - Re-enter the Admin PIN to confirm.
 - Press the **Unlock** button. The green LED will blink rapidly, indicating successful PIN setup.
4. **Format the Drive:** After setting the Admin PIN, connect the device to your computer. It will appear as an unformatted drive. Follow your operating system's instructions to format the drive (e.g., NTFS for Windows, HFS+ for Mac, Ext4 for Linux).

5.2 Creating User PINs (Optional)

The Admin can create up to 10 User PINs. User PINs can access data but cannot change device settings.

1. Unlock the device with the Admin PIN.
2. Press the **Lock** button and the '8' key simultaneously. The red and green LEDs will blink.
3. Enter a new User PIN (7-16 digits).

4. Press the **Unlock** button.
5. Re-enter the User PIN to confirm.
6. Press the **Unlock** button. The green LED will blink rapidly.

6. OPERATING INSTRUCTIONS

6.1 Unlocking the Device

1. Connect the Aegis Secure Key to a USB port.
2. Press the **Unlock** button. The red LED will illuminate.
3. Enter your Admin or User PIN.
4. Press the **Unlock** button. The green LED will illuminate, and the device will be accessible.

6.2 Locking the Device

To secure your data, always lock the device when not in use.

- **Manual Lock:** Press the **Lock** button. The red LED will illuminate.
- **Auto-Lock:** The device will automatically lock after a period of inactivity (default is 30 minutes, configurable by Admin).
- **Unplugging:** Disconnecting the device from the USB port will automatically lock it.

6.3 Data Transfer

Once unlocked, the Aegis Secure Key functions like a standard USB flash drive. You can drag and drop files, copy, paste, and delete data as you would with any other storage device.

- **Read Speed:** Up to 195 MB/s
- **Write Speed:** Up to 162 MB/s

7. MAINTENANCE

- **Physical Care:** Keep the device clean and free from dust. Use a soft, dry cloth for cleaning. Avoid harsh chemicals.
- **Battery Life:** The internal battery powers the keypad. Periodically connect the device to a powered USB port to maintain the battery charge, even if not actively transferring data.
- **Firmware Updates:** Check the official Apricorn website for any available firmware updates. Follow their instructions carefully for any update procedures.
- **Data Backup:** While the Aegis Secure Key provides robust security, it is always recommended to maintain backups of critical data on separate storage solutions.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Connect to a powered USB port for at least 30 minutes to charge.
Cannot unlock the device.	Incorrect PIN entered.	Ensure you are entering the correct Admin or User PIN. The device will wipe data after 10 consecutive incorrect PIN entries (configurable).

Problem	Possible Cause	Solution
Device not recognized by computer after unlocking.	Drive not formatted or driver issue.	Ensure the drive is formatted for your operating system. Try a different USB port or computer. Check device manager for driver issues.
Slow data transfer speeds.	USB 2.0 port or system limitations.	Ensure you are connected to a USB 3.0/3.1 port. Performance can also be affected by the host system's capabilities.

9. SPECIFICATIONS

Feature	Detail
Model Name	Apricorn Aegis Secure Key 3.0 (ASK3-1TB)
Storage Capacity	1 TB
Encryption	AES 256-bit XTS Hardware Encryption
Validation	FIPS 140-2 Level 3 Validated
Interface	USB 3.1 (compatible with USB 3.0/2.0/1.1)
Read Speed	Up to 195 MB/s
Write Speed	Up to 162 MB/s
Dimensions (LxWxH)	3.8" x 1" x 0.5" (9.65 cm x 2.54 cm x 1.27 cm)
Weight	3.2 ounces (90.7 grams)
Operating Systems	OS Agnostic (Windows, macOS, Linux, Android, Chrome, etc.)
Certifications	IP68 (Dust and Water Resistant)





10. WARRANTY AND SUPPORT

Apricorn products are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Apricorn website. For technical support, product registration, or to download the latest drivers and firmware, please visit the Apricorn support page:

[Visit Apricorn Support](#)

You can also find more information on the official Apricorn store on Amazon: [Apricorn Amazon Store](#)



	<p>Apricorn Aegis Secure Key 3NXC: Secure USB-C Flash Drive</p> <p>Discover the Apricorn Aegis Secure Key 3NXC, a FIPS 140-2 Level 3 validated, AES 256-bit hardware-encrypted USB-C flash drive offering robust data security for businesses and individuals. Learn about its portable design, rugged construction, software-free operation, and advanced security features like self-destruct PIN and brute force defense.</p>
	<p>Apricorn Aegis Fortress: FIPS 140-2 Level 2 Encrypted USB 3.2 Secure Drive</p> <p>Explore the Apricorn Aegis Fortress, a military-grade, hardware-encrypted USB 3.2 drive validated to FIPS 140-2 Level 2. It offers secure data storage and collaboration capabilities for governments, militaries, and corporations with advanced features and robust security.</p>
	<p>Aegis Secure Key 3z User Manual - Apricorn</p> <p>Comprehensive user manual for the Apricorn Aegis Secure Key 3z, detailing setup, PIN management, security features, brute-force protection, reset procedures, troubleshooting, and warranty information.</p>
	<p>MOVE SPEED MoveSpeedDrivePro USB Flash Drive User Manual</p> <p>User manual for the MOVE SPEED MoveSpeedDrivePro USB flash drive. This guide covers PC software download and installation, setting up AES256 and fingerprint encryption, data backup procedures, and restoring factory settings. Features USB3.2, Type C, and 520MB/s speeds.</p>