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eLinkSmart HJ-P6BF

eLinkSmart Fingerprint Gym Locker Lock User Manual

Model: HJ-P6BF | Brand: eLinkSmart

1. INTRODUCTION

Thank you for choosing the eLinkSmart Fingerprint Gym Locker Lock. This keyless biometric padlock offers advanced security and convenience for various applications, including gym lockers, outdoor fences, gates, storage units, and more. With its intelligent fingerprint recognition and Bluetooth app control, you can manage access effortlessly. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your lock.

2. SAFETY INFORMATION

- Do not attempt to disassemble, repair, or modify the lock. This may cause damage and void the warranty.
- Keep the lock away from extreme temperatures, direct sunlight, and corrosive substances.
- Ensure the USB-C charging port is dry before charging to prevent short circuits.
- Do not expose the lock to prolonged submersion in water, despite its IP67 rating, to maintain optimal performance.
- Keep out of reach of children to prevent accidental damage or misuse.

3. PRODUCT OVERVIEW

The eLinkSmart Fingerprint Gym Locker Lock (Model HJ-P6BF) is designed for robust security and ease of use. It features a durable alloy steel and zinc alloy body with a hardened steel shackle for cut resistance. The lock supports multiple unlocking methods and offers long-lasting battery performance.

Package Contents:

- 1 x P6BF Fingerprint Padlock
- 1 x USB-C Charge Cable
- 1 x User Manual

Key Features:

- **Advanced Fingerprint Reader:** Unlocks in 0.2 seconds with a high recognition rate.
- **Multiple Unlocking Ways:** Fingerprint, Mobile App (Bluetooth), and Apple Watch.
- **Durable Construction:** Made from alloy steel and zinc alloy with a 0.24" stainless steel shackle.
- **Weatherproof Design:** IP67 rated for water and dust resistance, suitable for outdoor use.
- **Long Battery Life:** Built-in 110mAh rechargeable lithium battery provides up to 6 months standby or 2000 unlocks per charge.
- **USB-C Charging:** Convenient and fast charging.



Figure 3.1: eLinkSmart Fingerprint Gym Locker Lock and its mobile application interface.

3 WAYS TO UNLOCK



Keyless | Convenient | Reliable



Fingerprint



Mobile App



Apple Watch

No longer worry about:



Forgot password



Lost key



Many keys

Figure 3.2: The three primary methods for unlocking the eLinkSmart padlock: fingerprint, mobile application, and Apple Watch.

UPGRADED 3D FINGERPRINT SENSOR

 **20** Fingerprints Capacity



Larger
Enlarge Fingerprint
Reader



Faster
0.2S Fast Identify



More Intelligent
360° and 99.9%
Recognition



Figure 3.3: Details of the upgraded 3D fingerprint sensor, highlighting its larger size, 0.2-second identification speed, and 360-degree recognition capability.

DURABLE AND HIGH-SECURITY



High-Quality Aluminum Alloy and Zinc



Zinc Alloy Body



Crack resistance

Keyless



Pick-resistance lock

Ø0.24" SS Shackle



Superior cut resistance

Figure 3.4: Physical dimensions of the eLinkSmart padlock, illustrating its compact yet sturdy design.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the lock using the provided USB-C cable. Connect the cable to the lock's USB-C port and a standard USB power adapter (not included). The indicator lights will show charging status and turn off when fully charged.

4.2 App Download and Installation

Search for the "eLinkSmart" app on your mobile device's app store (available for Android and iOS). Download and install the application.

4.3 Pairing the Lock with the App

1. Ensure Bluetooth is enabled on your mobile device.
2. Open the eLinkSmart app and create an account or log in.
3. Follow the in-app instructions to add a new device. The app will search for nearby eLinkSmart locks.
4. Select your lock from the list to pair. You may need to touch the fingerprint sensor on the lock to activate it for pairing.

4.4 Adding Fingerprints

The first fingerprint registered will be the administrator fingerprint. This fingerprint has full control over the lock, including adding and deleting other user fingerprints.

1. In the eLinkSmart app, navigate to "Fingerprint Management."
2. Select "Add Fingerprint."
3. Place your finger on the lock's sensor, lift, and repeat as prompted by the app (typically 5-10 times) until the fingerprint is successfully registered.
4. For additional users, repeat the process. The lock can store up to 20 unique fingerprints.



Figure 4.1: Proper placement of a finger on the biometric sensor for registration and unlocking.

5. OPERATING THE LOCK

5.1 Unlocking with Fingerprint

To unlock the padlock using a registered fingerprint, simply place your finger on the fingerprint sensor. The lock will unlock within 0.2 seconds if the fingerprint is recognized.

5.2 Unlocking with Mobile App

Ensure your mobile device is within Bluetooth range of the lock and the eLinkSmart app is open and connected to the lock.

1. Open the eLinkSmart app.
2. Select your lock from the device list.
3. Tap the "Unlock" button within the app. The lock will disengage.



Figure 5.1: The eLinkSmart lock can be conveniently unlocked using its dedicated mobile application or a paired Apple Watch.

5.3 Locking the Device

To lock the padlock, simply push the shackle down firmly until it clicks into place. The lock will automatically secure itself.

5.4 Battery Status Check

The lock features indicator lights that show battery status. You can also check the precise battery level through the eLinkSmart mobile app.



Figure 5.2: The lock's indicator lights and the mobile app display the current battery status.

6. MAINTENANCE

6.1 Charging

When the battery is low, the indicator lights will signal a low power warning. Recharge the lock using the provided USB-C cable. A full charge typically takes a few hours.

MEDIUM-SIZED PADLOCK



Lightweight Portable but Sturdy



Weight: 0.32 LB

Figure 6.1: The eLinkSmart lock features a 110mAh lithium battery, providing up to 2000 unlocks per charge and supporting USB-C recharging.

6.2 Cleaning

Wipe the lock body and fingerprint sensor with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or electronic components.

6.3 Storage

If storing the lock for an extended period, ensure it is fully charged to preserve battery health. Store in a cool, dry place.

6.4 Weather Resistance

The lock is IP67 rated, meaning it is protected from dust and can withstand immersion in water up to 1 meter for 30 minutes. While designed for outdoor use, avoid prolonged exposure to extreme weather conditions to maximize lifespan.



Figure 6.2: The eLinkSmart lock is designed to operate reliably in various weather conditions, including sun, rain, and snow.

7. TROUBLESHOOTING

7.1 Fingerprint Not Recognized

- Ensure your finger is clean and dry.
- Try different angles or positions of your finger on the sensor.
- If the issue persists, delete and re-register your fingerprint in the app.
- Ensure the fingerprint sensor is clean and free of debris.

7.2 App Connectivity Issues

- Ensure Bluetooth is enabled on your device.
- Make sure the lock is within Bluetooth range (typically 10 meters).
- Close and reopen the eLinkSmart app.
- Restart your mobile device.
- If the lock is unresponsive, try charging it.

7.3 Lock Not Responding / Dead Battery

- Connect the lock to a USB-C power source immediately. The lock may have enough residual power to unlock once connected to power, allowing you to access your belongings.
- Allow the lock to charge for at least 10-15 minutes before attempting to unlock again.

8. SPECIFICATIONS

Feature	Detail
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Brand	eLinkSmart
Model Name	HJ-P6BF
Lock Type	Biometric, Bluetooth, Keyless
Unlocking Ways	Fingerprint, Mobile App, Apple Watch
Material	Alloy Steel, Stainless Steel, Zinc
Item Dimensions (L x W x H)	3 x 1.7 x 0.7 inches
Item Weight	0.4 Pounds (6.4 ounces)
Color	Black
Battery	110mAh Lithium Ion (rechargeable, included)
Battery Life	Up to 6 months standby / 2000 unlocks
Charging Port	USB-C
Waterproof Rating	IP67
Controller Type	Android, iOS
Recommended Uses	Gym, Locker, Storage Unit, Outdoor Fence, Gate, Pool, Shed, Hasp, Toolbox, Travel

9. WARRANTY AND SUPPORT

9.1 Warranty Information

eLinkSmart provides a 6-Month warranty for this product, covering manufacturing defects and malfunctions under normal use conditions.

9.2 Technical Support

Free lifetime technical support is available for all eLinkSmart products. If you encounter any issues or have questions regarding your lock, please refer to the contact information provided on the product packaging or the official eLinkSmart website for assistance.