

## ARPHA D180W

# ARPHA Keyless Entry Smart Door Lock

MODEL: D180W - USER MANUAL

### 1. Product Overview

The ARPHA D180W is an advanced keyless entry smart deadbolt lock designed to enhance residential and commercial security. It features integrated WiFi for remote control and seamless integration with smart home ecosystems.

- **Integrated WiFi:** Enables keyless entry control via smartphone app from any location.
- **Smart Home Compatibility:** Seamlessly integrates with Amazon Alexa and Google Assistant for voice-activated control.
- **Enhanced Security:** Features an anti-peep keypad, single-use temporary passcodes, customizable auto-locking timers, and real-time access logs.
- **Durable Construction:** ANSI Grade 3 Certified, constructed with military-grade alloy, and IP54-rated weather resistance for reliable operation in extreme temperatures (-4°F to 140°F).
- **Extended Battery Life:** Operates on 8 AA batteries (not included) providing 9+ months of functionality with low-battery alerts.



Figure 1.1: ARPHA D180W Smart Door Lock, showcasing the exterior keypad, interior unit, and mobile app interface.

## 2. Setup and Installation

The ARPHA D180W smart lock is designed for quick and straightforward installation, typically completed within 15 minutes without the need for electrical wiring or specialized technical expertise.

### 2.1 Pre-Installation Checks

- Ensure your door specifications are compatible using the provided gauge card.
- Verify the compatible deadbolt tongue length (2-3/8" or 2-3/4").
- Confirm you have 8 AA batteries ready for installation (not included).

### 2.2 Installation Steps

1. Measure door specifications using the provided gauge card.
2. Select and install the compatible deadbolt tongue length.

3. Complete tool-free mounting with pre-drilled alignment.
4. Install the 8 AA batteries into the interior unit.
5. Follow the in-app instructions for initial setup and calibration.



Figure 2.1: Easy Installation Guide, illustrating dimensions and components for setup.

## Smart Door Lock Has Built-in Wi-Fi



2.4G wifi



Google Assistant



amazon alexa

Figure 2.2: Built-in Wi-Fi Connectivity, showing the lock's direct connection capability.

### 3. Operating Instructions

The ARPHA D180W offers multiple convenient ways to access your home.

#### 3.1 Multiple Access Methods

- **Keypad Entry:** Enter your personalized passcode on the illuminated keypad.
- **One-Time Codes:** Generate temporary, single-use passcodes for guests or service personnel via the mobile app.
- **Physical Keys:** Use the traditional backup keys provided for manual unlocking.
- **Mobile App Control:** Lock or unlock your door remotely using the dedicated smartphone application.
- **Voice Control:** Integrate with Amazon Alexa or Google Assistant for hands-free locking and unlocking.



## Multiple Ways to Access

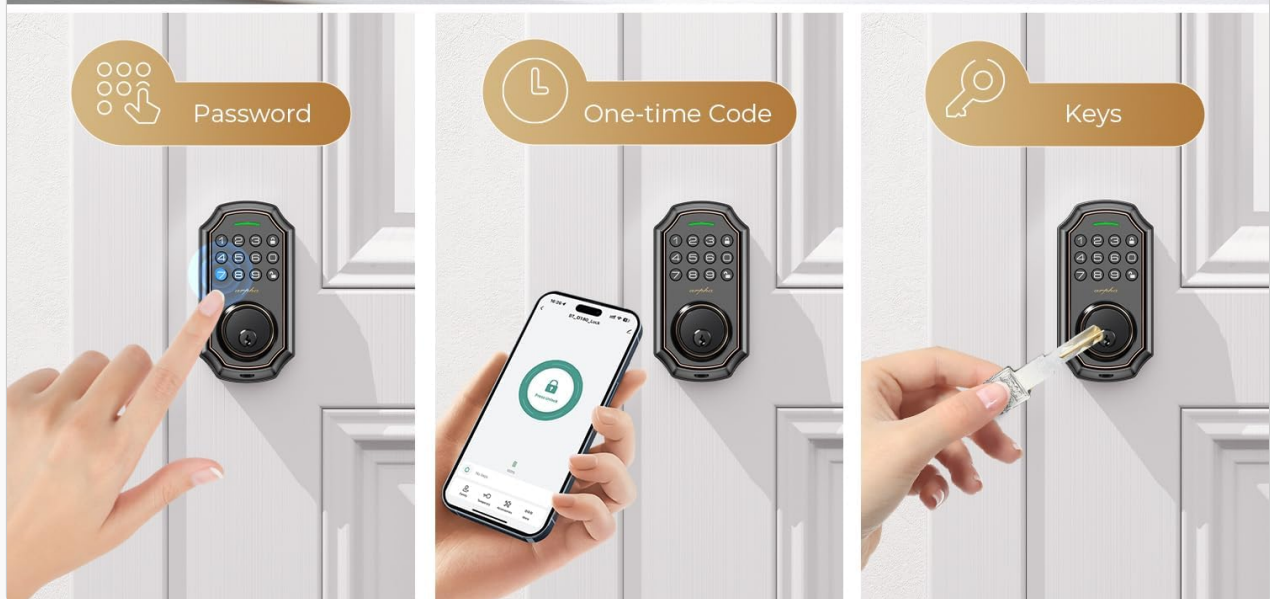


Figure 3.1: Multiple Access Methods, including voice, keypad, one-time codes, and physical keys.

### 3.2 Anti-Peeping Password

To prevent others from guessing your passcode, you can enter random digits before or after your actual password. The lock will only recognize the correct sequence within the longer string of numbers.

## Anti-Peeking Password



Figure 3.2: Anti-Peeking Password, demonstrating how to use random digits for enhanced security.

### 3.3 One-Time Code Generation

The mobile app allows you to generate temporary, single-use codes. These codes are ideal for granting access to visitors, delivery personnel, or maintenance services for a limited duration.

## One-time Code



The entry code is '**305462**'

Okay, I'm in.  
Thanks



Figure 3.3: One-Time Code Usage, showing a delivery person using a temporary code.

### 3.4 Auto-Lock and One-Touch Lock

- **Auto-Lock:** Configure the lock to automatically engage after a set period (e.g., 10 seconds to 3 minutes) once the door is closed.
- **One-Touch Lock:** Simply press and hold the lock button on the keypad to instantly secure the deadbolt.



## Auto Lock & One-touch Lock



Figure 3.4: Auto-Lock and One-Touch Lock, illustrating the convenience of automatic locking.

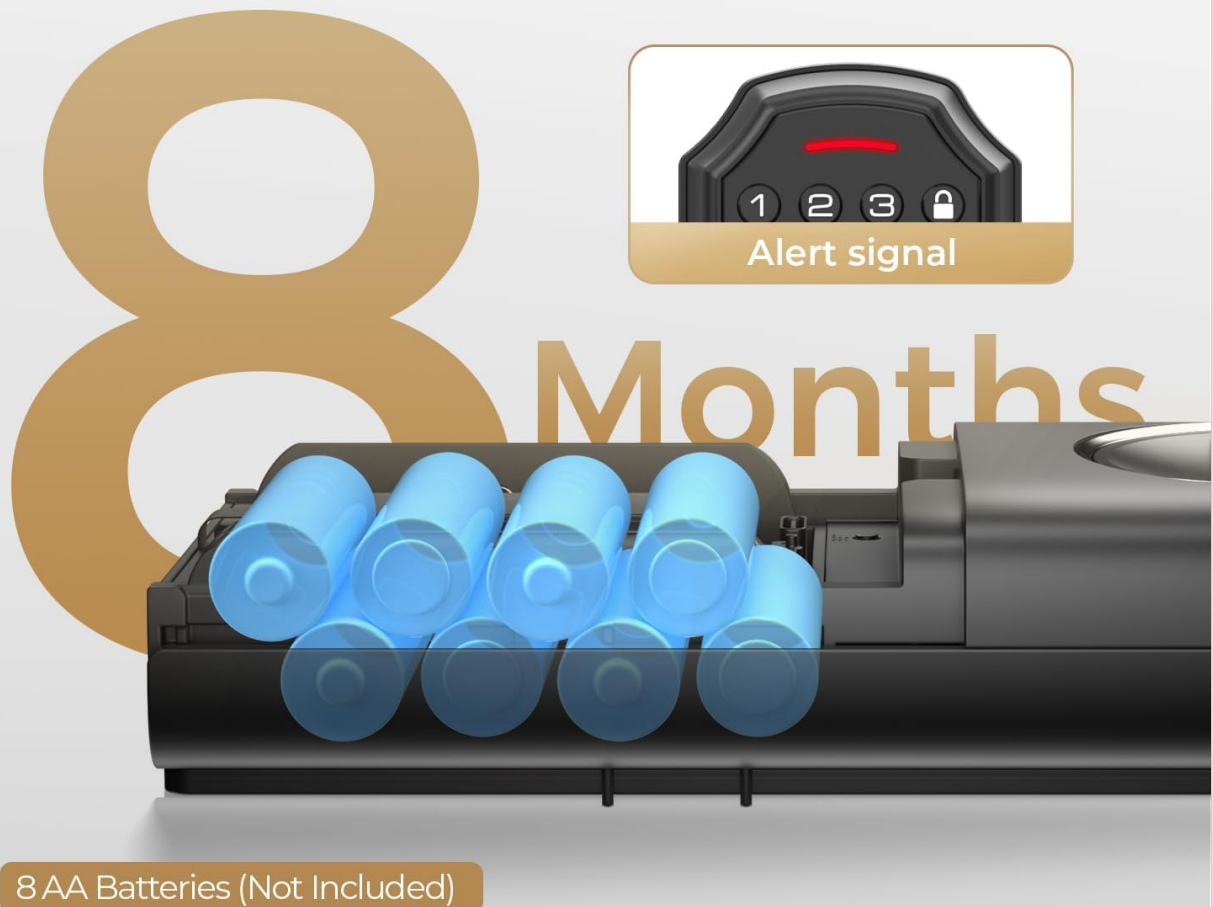
## 4. Maintenance

### 4.1 Battery Replacement

The ARPHA D180W operates on 8 AA batteries. The system proactively issues low-battery alerts through the app and keypad display when replacement is needed. This ensures uninterrupted operation and prevents unexpected lock failures.



## Low battery warning



Assumption of unlocking the door 10 times per day.

\*The test data comes from the LNDU lab.

Figure 4.1: Low Battery Warning, indicating the need for battery replacement.

### 4.2 Weather Resistance

The smart lock is IP54-rated for weather resistance, ensuring reliable performance across a wide range of environmental conditions, from -4°F to 140°F. This robust design protects against blizzards, monsoons, and extreme heat.

# Keep working, no matter the weather

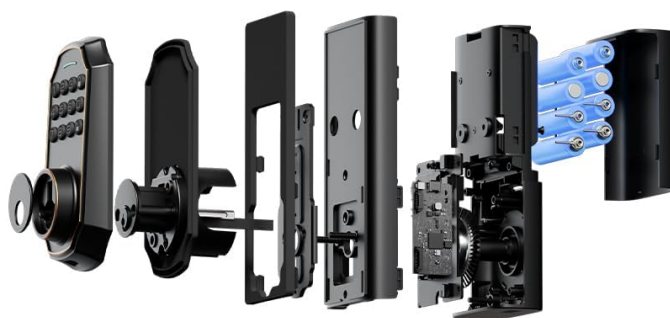
140°F



-4°F



\* for the outer panel only.



## ANSI

Grade 3 experience

Figure 4.2: All-Weather Operation, demonstrating the lock's resilience in various climates.

## 5. Troubleshooting

This section provides solutions to common issues you might encounter with your ARPHA D180W smart lock.

Problem	Possible Cause	Solution
Lock is unresponsive or not powering on.	Low or dead batteries. Incorrect battery installation.	Replace all 8 AA batteries. Ensure batteries are inserted with correct polarity.
Keypad does not light up or accept input.	Low battery. Keypad malfunction.	Replace batteries. If issue persists, contact customer support.

Problem	Possible Cause	Solution
Cannot connect to Wi-Fi or app.	Weak Wi-Fi signal. Incorrect Wi-Fi password. Router issues.	Ensure lock is within Wi-Fi range. Verify Wi-Fi password. Restart router. Re-pair lock with app.
Auto-lock feature not working.	Auto-lock disabled in settings. Door sensor misalignment.	Check app settings to ensure auto-lock is enabled and configured correctly. Verify door sensor alignment.
Voice control (Alexa/Google Assistant) not responding.	Incorrect setup in smart home app. Device offline.	Ensure proper linking in Alexa/Google Home app. Check lock's Wi-Fi connection.

If you encounter issues not listed here or require further assistance, please refer to the Warranty and Support section for contact information.

## 6. Technical Specifications

Feature	Detail
Brand	ARPHA
Model Name	D180W
Lock Type	Deadbolt, Keypad
Material	Metal
Color	Brown trim
Finish Type	Brushed
Item Dimensions (L x W x H)	1 x 1 x 1 inches
Item Weight	2.16 pounds
Connectivity Protocol	Wi-Fi
Controller Type	Amazon Alexa, Google Assistant
Control Method	App, Voice
Special Features	Anti-Peeping Password, Auto-Lock, One-Touch Lock, Passcode Unlock, Weather Resistant
Power Source	8 AA Batteries (Not Included)

Feature	Detail
Included Components	Arpha Smart Lock x 1, Backup key x 2, Door latch x 1, Indoor controller x 1, User manual x 1

## 7. Warranty and Support

ARPHA is committed to providing exceptional support and assurance for your smart lock.

- **Money-Back Guarantee:** Enjoy a 30-day money-back period from the date of purchase.
- **Product Assurance:** The product comes with an 18-month assurance period.
- **Technical Support:** Lifetime technical support is available for all ARPHA smart locks.
- **Customer Service:** Our dedicated support team is available 24/7 via email service to assist you with any inquiries or issues.

Please do not hesitate to contact us if you need assistance. Refer to the product packaging or the ARPHA official website for specific contact details.



Figure 7.1: ARPHA Customer Support, highlighting commitment to service.