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ARPHA AL501

ARPHA AL501 Smart Door with Video Camera User Manual

Model: AL501

Introduction

The ARPHA AL501 Smart Door with Video Camera is an advanced 6-in-1 security solution designed for modern homes. It integrates a 2K HD video camera, doorbell, fingerprint reader, keyless entry keypad, Wi-Fi connectivity, and traditional key access. This manual provides detailed instructions for the installation, operation, and maintenance of your smart door lock to ensure optimal performance and security.

Figure 1: ARPHA AL501 Smart Door with Video Camera components.

Key Features

- **6-in-1 Security Solution:** Combines a 2K video camera, two-way audio, doorbell, chime, fingerprint recognition, keyless entry keypad, and traditional key access for comprehensive security.

Figure 2: Multifunctional capabilities of the ARPHA AL501.

- **2K HD Video & 2-Way Audio:** Features a 2K HD camera with a 170° wide-angle lens and enhanced night vision up to 33 feet. Two-way audio allows for clear communication with visitors.

Figure 3: Enhanced 2K video clarity.

Figure 4: Two-way audio communication via the app.

- **PIR Motion Detection:** Detects human or animal movement in the front door area and sends real-time notifications to the Arpha App.

Figure 5: PIR Motion Detection and real-time alerts.

- **Long Battery Life:** Equipped with a 10,000 mAh battery pack, providing up to 270 days of usage with 10 daily lock operations.

Figure 6: 10,000 mAh rechargeable battery pack.

- **32GB Local Storage:** Supports local storage for video recordings, ensuring privacy and convenience. Note: Only connects to 2.4GHz Wi-Fi.
- **Easy Installation:** Designed for simple installation with a screwdriver. Features a universal design for both left and right door directions. Fits door thicknesses from 1-3/8" to 2-1/8" (35mm - 55mm) and backsets of 2-3/8" (60mm) or 2-1/8" (70mm).

Figure 7: Door compatibility and dimensions.

Specifications

Attribute	Detail
Brand	ARPHA
Model Name	AL501
Lock Type	Biometric, Deadbolt, Combination Lock, Keypad
Special Features	Wi-Fi, 2K HD Camera, Doorbell, Two-Way Audio, Dual Motion Sensors, Night Vision, App Remote Control, Fingerprint, Auto Lock, IP65 Waterproof
Item Dimensions (L x W x H)	5.45 x 2.92 x 2.14 inches

Item Weight	3.3 Pounds
Power Source	Battery Powered (10,000 mAh Lithium Polymer battery included)
Connectivity Protocol	Wi-Fi (2.4GHz only)
Installation Method	Screw In
Mounting Type	Door Mount

Setup and Installation

Before beginning installation, ensure you have all components as listed in the packaging. A screwdriver is the primary tool required. Follow the steps carefully to ensure proper functionality.

Installation Video Guide

For a visual step-by-step guide, please refer to the official installation video:

Video 1: ARPHA AL501 Installation Video Guide. This video demonstrates the complete installation process of the smart door lock.

Doorbell Module Connection

After installing the door lock, connect the doorbell module:

1. Plug the Doorbell machine into a USB power port.
2. Press and hold the doorbell icon button on the Doorbell machine for 10 seconds until you hear a sound.
3. The doorbell module function is now active. If it doesn't work, repeat the process.

Operating Instructions

The ARPHA AL501 offers multiple ways to operate and manage your door lock.

Fingerprint Unlock

The integrated fingerprint sensor provides quick and secure access.

Figure 8: Fingerprint unlock mechanism.

For detailed instructions on setting up and managing fingerprints, watch this video:

Video 2: ARPHA AL501 Fingerprint Setting Video Guide. This video demonstrates how to add and manage fingerprints for the smart lock.

Arpha App Control & Remote Monitoring

Manage your lock remotely, view live video, and generate one-time access codes via the Arpha Plus App.
Learn about remote monitoring features here:

Video 3: Arpha AL501 Remote Monitoring. This video explains how to use the app for remote monitoring of your smart lock.

Auto Lock Setting

Configure the lock to automatically secure itself after a set period.
Adjust the auto-lock settings by following this guide:

Video 4: ARPHA AL501 Auto Lock Setting. This video provides instructions on how to enable or disable the auto-lock feature.

Doorbell Volume Setting

Adjust the volume of the doorbell chime to your preference.
Instructions for doorbell volume adjustment:

Video 5: ARPHA AL501 Video Smart Lock Volume Setting. This video guides you through adjusting the volume of the smart lock's doorbell.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your ARPHA AL501 Smart Door Lock.

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Battery Care:** Recharge the 10,000 mAh battery pack as needed. Avoid completely draining the battery to prolong its lifespan.
- **Sensor Maintenance:** Keep the camera lens and fingerprint sensor clean and free of dust or debris for accurate operation.
- **Environmental Conditions:** The lock is IP65 waterproof, but avoid prolonged exposure to extreme weather conditions. It operates effectively between -4°F and 140°F.

Troubleshooting

If you encounter issues with your ARPHA AL501, refer to the following common problems and solutions:

- **Lock Not Responding:** Check the battery level. Recharge the battery pack if it's low. Ensure the power cable is securely connected if applicable.
- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint if the issue persists.
- **Wi-Fi Connectivity Issues:** Verify that your Wi-Fi network is 2.4GHz. The lock does not support 5GHz Wi-Fi. Ensure the lock is within range of your Wi-Fi router (within 33ft).
- **Doorbell Module Not Working:** Re-check the USB power connection. Press and hold the doorbell icon button for 10 seconds to re-pair it with the lock.
- **Motion Detection Not Triggering:** Ensure PIR motion detection is enabled in the Arpha App settings. Check the detection zone configuration.
- **Remote Unlocking Failure:** Confirm the lock is connected to Wi-Fi and the Arpha App is online. Check your internet connection.

Warranty Information

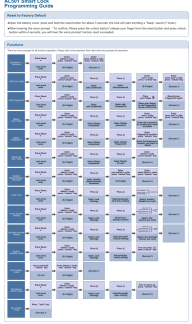
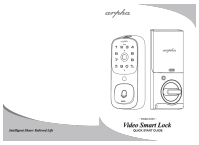
ARPHA products are manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official ARPHA website.

Customer Support

If you require further assistance or have questions not covered in this manual, please contact ARPHA customer support:

- **Email:** support@arpha.com
- **Online Resources:** Visit the ARPHA website for FAQs, additional guides, and software updates.

Related Documents - AL501

	ARPHA AL501-01 Smart Door Lock with Video Camera User Guide Comprehensive user guide for the ARPHA AL501-01 Smart Door Lock, detailing its 6-in-1 features including video camera, doorbell, fingerprint, keypad, Wi-Fi, and SD card storage for enhanced home security.
	Arpha AL501 Video Smart Lock Quick Start Guide Quick start guide for the Arpha AL501 Video Smart Lock, covering hardware introduction, installation, programming, and app usage.
	Arpha AL501 Video Smart Lock Quick Start Guide A comprehensive quick start guide for the Arpha AL501 Video Smart Lock, detailing hardware features, installation steps, programming instructions, app connectivity, and FCC compliance information.
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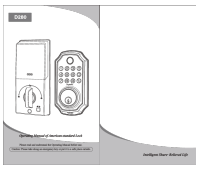
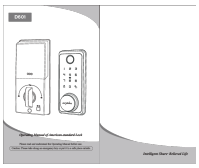
	Arpha D280 Smart Lock: Operating Manual and Installation Guide Comprehensive operating manual and installation guide for the Arpha D280 American-standard smart lock, covering setup, features, app integration, and troubleshooting.
	Arpha D601 Smart Lock Operating Manual Comprehensive operating manual for the Arpha D601 smart lock. This guide details installation, product specifications, functional characteristics, operating processes, Tuya Smart App integration, troubleshooting tips, and important precautions for secure and convenient home access.