

Aiphone GF-3B

Aiphone GF-3B Three-Module Backbox Instruction Manual

For GF, GH, and GT Series Modular Multi-Tenant Entry Security Systems

1. PRODUCT OVERVIEW

The Aiphone GF-3B is a three-module backbox designed to serve as the foundational mounting component for modular entrance panel systems. It is specifically compatible with Aiphone GF, GH, and GT Series modular multi-tenant entry security systems. This backbox facilitates the secure installation of up to three modular components vertically, creating a robust and integrated entry panel solution.

The backbox is constructed from durable plastic and is intended for wall-mounting applications.

2. PACKAGE CONTENTS

Upon opening the package, verify that all components are present:

- Aiphone GF-3B backbox
- (2) Joint pipes
- Mounting gauge

3. INSTALLATION AND SETUP

The GF-3B backbox is designed for wall-mounting to establish the base for your modular entry panel system. Follow these general steps for installation:

1. **Site Selection:** Choose a suitable wall location for the entry panel system. Ensure the surface is flat and capable of supporting the weight of the backbox and subsequent modules.
2. **Marking:** Use the provided mounting gauge to accurately mark the drilling points on the wall.
3. **Drilling:** Drill pilot holes at the marked locations. Use appropriate drill bits for your wall material (e.g., masonry, drywall).
4. **Mounting the Backbox:** Secure the GF-3B backbox to the wall using appropriate fasteners (not included, typically supplied with the modular components or purchased separately based on wall type). Ensure the backbox is level and firmly attached.

5. **Module Integration:** Once the backbox is securely mounted, individual Aiphone GF, GH, or GT series modular components (sold separately) can be inserted and secured into the backbox vertically. The backbox is designed to accept three such modules.
6. **Wiring:** Route necessary wiring for the modular components through the designated openings in the backbox. Refer to the specific installation manuals for the modular components for detailed wiring instructions.



Figure 1: The Aiphone GF-3B Three-Module Backbox. This image shows the black, rectangular backbox designed to house three modular components vertically. It features mounting tabs along its sides for secure installation.

4. OPERATION

The Aiphone GF-3B backbox itself does not have operational functions. Its purpose is to provide a secure and structured enclosure for the operational modular components of the Aiphone GF, GH, and GT Series multi-tenant entry security systems. Refer to the instruction manuals of the specific modular components (e.g., camera modules, audio modules, keypad modules) for their respective operational procedures.

5. MAINTENANCE

The GF-3B backbox requires minimal maintenance. To ensure longevity and proper function of the overall system:

- **Cleaning:** Periodically wipe the exterior of the backbox with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive cleaners, as these may damage the plastic material.
- **Inspection:** Occasionally inspect the mounting points and the integrity of the backbox for any signs of damage or loosening. Ensure all modular components remain securely seated within the backbox.
- **Environmental Conditions:** Ensure the backbox is installed in an environment consistent with the operating conditions specified for the modular components it houses.

6. TROUBLESHOOTING

As a passive mounting component, the GF-3B backbox typically does not experience "trouble" in the traditional sense. Most issues will relate to its installation or the performance of the modular components it houses.

- **Loose Mounting:** If the backbox feels loose on the wall, re-tighten fasteners. If the wall material is compromised, consider using different anchors or relocating the unit.
- **Difficulty Inserting Modules:** Ensure the backbox is not warped or damaged. Verify that the modular components are correctly oriented and aligned before attempting to insert them. Do not force modules into place.
- **System Malfunction:** If the overall entry security system is not functioning, consult the troubleshooting guides for the specific Aiphone GF, GH, or GT series modular components installed within the backbox. The backbox itself is unlikely to be the cause of electronic malfunctions.

7. SPECIFICATIONS

| Feature | Detail |
|---------------------------------------|---|
| Model Number | GF-3B |
| Product Dimensions (H x W x D) | 11-5/8 x 4-5/16 x 1-3/4 inches (295 x 110 x 44 mm) |
| Overall Product Dimensions (Packaged) | 12 x 4.8 x 2.2 inches; 12 ounces |
| Material | Plastic |
| Compatibility | Aiphone GF, GH, and GT Series modular multi-tenant entry security systems |
| Module Capacity | Three modular pieces (vertical orientation) |

8. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or service, please refer to the official Aiphone website or contact Aiphone customer service directly. Aiphone meets International Organization for Standardization (ISO) standards 9001 and 14001.

Aiphone North American Headquarters: Bellevue, WA

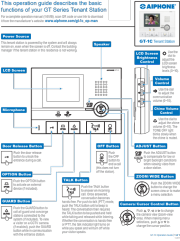
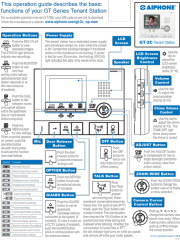
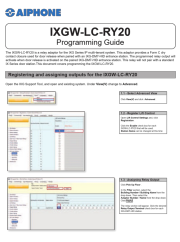
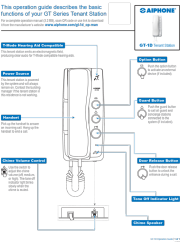
For the most current support resources, visit: www.aiphone.com

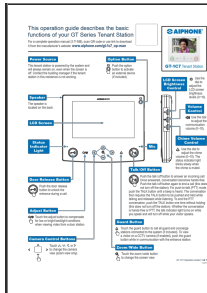


© 2023 Aiphone Corporation. All rights reserved.

This manual is for informational purposes only. Aiphone reserves the right to change specifications without notice.

Related Documents - GF-3B

| | |
|---|--|
|  | <p>Aiphone GT-1C Tenant Station Operation Guide</p> <p>Comprehensive operation guide for the Aiphone GT-1C Tenant Station. Learn about its power source, LCD screen, speaker, microphone, and the functions of buttons like Door Release, Option, Guard, Talk, and Off, along with side controls for brightness, volume, and zoom.</p> |
|  | <p>Aiphone GT-2C Tenant Station: Basic Operation Guide</p> <p>Learn the basic functions of the Aiphone GT-2C Tenant Station, including operation buttons, power supply, and controls for intercom and security features. This guide details button operations, symbol meanings, and system controls.</p> |
|  | <p>Aiphone IXGW-LC-RY20 Programming Guide</p> <p>A programming guide for the Aiphone IXGW-LC-RY20, a relay adapter for the IXG Series IP multi-tenant system, detailing its setup and configuration for door release functionality.</p> |
|  | <p>Aiphone GT Series Tenant Station Operation Guide</p> <p>A concise guide to the basic functions of the Aiphone GT Series Tenant Station, covering hearing aid compatibility, power source, handset operation, chime volume control, and button functions.</p> |
|  | <p>Aiphone IX IXG Series Multi-Tenant Programming Quick Start Guide</p> <p>This guide provides essential steps for programming Aiphone's IX IXG Series multi-tenant intercom systems using the IXG Support Tool. It covers initial system setup, unit configuration, network settings, firmware updates, and advanced features like mobile app integration and call transfers.</p> |



Aiphone GT-1C7 Tenant Station Operation Guide

This guide provides basic operational information for the Aiphone GT-1C7 Tenant Station, detailing its various buttons, controls, and functions for communication and security.