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> Aiphone DB-1MD Tenant Master Station User Manual

Aiphone DB-1MD

Aiphone DB-1MD Tenant Master Station User Manual

Model: DB-1MD | Brand: Aiphone

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Aiphone DB-1MD Tenant Master Station. The DB-1MD is an audio-only master station designed for use with the Aiphone DB series two-wire door entry system. It facilitates communication between an indoor master station and an outdoor door station, enhancing security and convenience for residents or office occupants.

2. PRODUCT OVERVIEW AND FEATURES

The Aiphone DB-1MD Tenant Master Station is a compact and user-friendly audio intercom unit. It supports a single door station with 1, 2, or 4 call buttons and can connect up to 5 inside stations per button. The unit is constructed from durable ABS plastic.

Key Features:

- Communication Modes:** Supports hands-free (VOX) or push-to-talk (simplex) operation.
- All Call Function:** Enables communication between all connected stations within the same tenant residence or office.
- External Device Control:** Includes a service button for controlling an external device (e.g., door release).
- Call Tone Control:** Features a call tone volume control with a mute indicator for adjustable alert levels.
- Durable Construction:** Made with robust ABS plastic.



Figure 1: Front view of the Aiphone DB-1MD Tenant Master Station. The unit features a speaker grille at the bottom, a 'TALK' button on the left, and an 'OFF' button on the right. Above the speaker, there are three rectangular buttons: the top one is blank, the middle one has a 'CALL' icon (with a house symbol), and the bottom one has a key icon, which typically functions as a door release button. The model number 'AIPHONE DB-1MD' is visible at the top.

3. SETUP AND INSTALLATION

The Aiphone DB-1MD Master Station is designed for integration into a two-wire intercom system. It connects directly to DA series door stations using two wires. For optimal performance and safety, professional installation by a qualified technician is highly recommended.

System Capacity:

- Supports 1 door station (with 1, 2, or 4 call buttons).
- Up to 5 inside stations can be connected per door station button.
- Up to 4 sub-stations can be added to this master station, allowing communication between a total of 5 stations via the 'All Call' button.

Refer to the detailed wiring diagrams and installation instructions provided with the complete Aiphone DB series system for specific connection procedures. Ensure all power is disconnected before attempting any wiring.

4. OPERATING INSTRUCTIONS

This section outlines the basic operation of your Aiphone DB-1MD Tenant Master Station.

Receiving a Call:

1. When a visitor presses the call button on the door station, the master station will emit a call tone.
2. Press the **TALK** button to establish two-way audio communication with the visitor.
3. To end the conversation, press the **OFF** button.

Initiating an 'All Call':

- Press the **ALL CALL** button (if configured) to broadcast an announcement to all connected sub-stations.
- Speak into the master station's microphone.
- Press the **OFF** button to end the 'All Call'.

Adjusting Call Tone Volume:

- Locate the call tone volume control (typically a small dial or switch).
- Adjust the control to your desired volume level. An indicator light may show if the tone is muted.

Door Release (if configured):

- During a conversation with a visitor, press the **SERVICE** button (often marked with a key icon, as seen in Figure 1) to activate the electric door release mechanism.

5. MAINTENANCE

The Aiphone DB-1MD Master Station requires minimal maintenance to ensure long-term performance.

- **Cleaning:** Wipe the unit's surface with a soft, dry cloth. For stubborn marks, a slightly damp cloth with mild soap can be used, followed by a dry wipe. Avoid abrasive cleaners, solvents, or strong chemicals.
- **Inspection:** Periodically check for any visible damage to the casing or buttons.
- **Environment:** Ensure the unit is not exposed to excessive moisture, direct sunlight, or extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your DB-1MD Master Station, refer to the following common troubleshooting steps:

- **No Audio During Call:**
 - Ensure the **TALK** button is pressed during communication.
 - Check the receive volume control.
 - Verify that the door station is properly connected and powered.
- **No Call Tone:**
 - Check the call tone volume control and ensure it is not muted.
 - Confirm the door station's call button is functioning correctly.
- **Door Release Not Working:**
 - Ensure the **SERVICE** button is pressed during an active conversation.

- Verify the external door release mechanism and its wiring are correctly installed and powered.

- **No Power to Unit:**

- Check the circuit breaker or power source supplying the intercom system.
- Confirm all wiring connections are secure.

If these steps do not resolve the issue, contact a qualified technician or Aiphone customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	DB-1MD
Manufacturer	Aiphone Corporation
Construction Material	ABS Plastic
Dimensions (H x W x D)	9.8 x 4.5 x 2.2 inches (24.9 x 11.4 x 5.6 cm)
Weight	14.4 ounces (408 grams)
System Type	Audio-only, Two-wire intercom
Compatibility	Aiphone DB Series Door Stations

8. WARRANTY AND SUPPORT

For specific warranty information regarding your Aiphone DB-1MD Tenant Master Station, please refer to the warranty card included with your product packaging or visit the official Aiphone website. Warranty terms and conditions may vary by region and retailer.

For technical support, product inquiries, or service, please contact Aiphone customer support directly or consult with your authorized Aiphone dealer. Contact details can typically be found on the Aiphone official website or in your product documentation.

- **Aiphone Official Website:** www.aiphone.com (Please verify the exact URL for your region)

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