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Mircom Technologies IS-489

MIRCOM TECHNOLOGIES IS489 SINGLE GANG SUITE STATION

Instruction Manual

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of the Mircom Technologies IS-489 Single Gang Suite Station. Please read this manual thoroughly before attempting to install or operate the unit to ensure proper function and safety.

2. Product Overview

The Mircom Technologies IS-489 is a surface-mountable suite station designed for use in intercom systems. Its contemporary white finish seamlessly integrates with modern interior designs. It features clear audio communication via a 2-inch speaker and robust P.C.B. mounted switches and terminals for reliable connections.



This image displays the Mircom Technologies IS-489 Single Gang Suite Station. It features a white, rectangular casing designed for single gang electrical boxes. The upper section has a speaker grille with diagonal lines. Below the grille, there is a black control panel

with three distinct buttons labeled 'TALK', 'LISTEN', and 'DOOR' from left to right. The Mircom logo is visible on the right side of the black panel. Two visible screws secure the unit.

3. Setup and Installation

The IS-489 suite station is designed for surface mounting onto standard single gang electrical boxes. Professional installation is recommended.

3.1 Safety Precautions

- **WARNING:** Always disconnect power to the electrical box before beginning installation to prevent electrical shock.
- Ensure all wiring complies with local electrical codes and regulations.
- Do not install in locations exposed to excessive moisture or extreme temperatures.

3.2 Mounting Instructions

1. Turn off the main power supply to the electrical circuit where the unit will be installed.
2. Carefully remove the existing cover plate or old intercom unit, if applicable.
3. Connect the intercom wiring to the P.C.B. mounted terminals on the IS-489 unit. Refer to your system's wiring diagram for specific connections (e.g., audio in, audio out, door release, power).
4. Align the IS-489 unit with the single gang electrical box.
5. Secure the unit to the electrical box using appropriate screws. Do not overtighten.
6. Restore power to the circuit and test the unit's functionality.

4. Operating Instructions

The IS-489 suite station provides clear two-way communication and door release functionality.

4.1 Communication

- **To Talk:** When a visitor calls from the entrance panel, press and hold the**TALK** button to speak to the visitor. Release the button to listen.
- **To Listen:** While the **TALK** button is released, the unit is in listen mode, allowing you to hear the visitor. Alternatively, press and hold the **LISTEN** button to actively listen to the visitor without speaking.

4.2 Door Release

- **To Open Door:** While communicating with a visitor or when the visitor is calling, press the**DOOR** button to activate the electric door strike and allow entry.

5. Maintenance

The Mircom Technologies IS-489 requires minimal maintenance to ensure long-term performance.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the unit. For stubborn marks, a slightly damp cloth with mild soap can be used, followed by drying. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Inspection:** Periodically check the unit for any visible damage or loose connections. If any issues are found, contact a qualified technician.

6. Troubleshooting

If you experience issues with your IS-489 suite station, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No audio from speaker.	Loose wiring connection; faulty speaker; system power issue.	Check wiring connections at the terminals. Verify system power. If problem persists, contact technical support.
Visitor cannot hear me.	TALK button not pressed; faulty microphone; wiring issue.	Ensure TALK button is pressed firmly. Check wiring. Contact support if issue continues.
Door release button not working.	No power to door strike; faulty button; wiring issue.	Verify power to the door strike mechanism. Check wiring for the DOOR button. Contact technical support.
Unit appears dead.	No power supply to the unit or system.	Check the main power supply to the intercom system. Ensure circuit breaker is not tripped.

If troubleshooting steps do not resolve the issue, please contact Mircom Technologies customer support or a qualified service technician.

7. Specifications

Feature	Detail
Brand	Mircom Technologies
Model	IS-489
Mounting	Surface mountable, designed for standard single gang electrical boxes
Speaker	2-inch speaker for clear audibility
Controls	P.C.B. mounted switches (TALK, LISTEN, DOOR)
Finish	Contemporary white
Dimensions (approx.)	14.73 x 10.16 x 5.08 cm (Parcel Dimensions)
Weight (approx.)	140.61 g (Parcel Weight)
UPC	778346000441

8. Warranty and Support

For information regarding the product warranty, please refer to the documentation provided with your purchase or visit the official Mircom Technologies website. For technical support, troubleshooting assistance beyond this manual, or replacement parts, please contact Mircom Technologies customer service directly.

Mircom Technologies Contact Information:

- Website: www.mircom.com (*Note: This is a general placeholder for a company website, as specific contact info is not provided in the input.*)
- Refer to your purchase documentation for specific regional support contacts.

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