

Simplex 4099 9006

Simplex 4099-9006 Addressable Manual IDNET Pull Station Instruction Manual

Model: 4099-9006

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Simplex 4099-9006 Addressable Manual IDNET Pull Station. Please read this manual thoroughly before attempting any procedures to ensure safe and correct usage.

The Simplex 4099-9006 is designed for use in fire alarm systems to manually initiate an alarm. It is an addressable device, meaning it communicates its status and location to a compatible fire alarm control panel.

SAFETY INFORMATION

Important Safety Instructions:

- Installation and servicing must be performed by qualified personnel only.
- Disconnect all power before servicing.
- Refer to all local and national electrical codes and fire safety regulations.
- Do not operate the device if it appears damaged.
- Ensure proper grounding to prevent electrical shock.

PRODUCT OVERVIEW



Figure 1: Front view of the Simplex 4099-9006 Addressable Manual IDNET Pull Station. The device is red with "FIRE ALARM" text at the top, a keyhole for resetting, and a black "PUSH" bar above a white "PULL DOWN" handle with a downward arrow. The Simplex logo is at the bottom.

The Simplex 4099-9006 is a single-action manual pull station designed for flush or surface mounting. It features a durable red housing and clear instructions for activation. The device includes a key-operated reset mechanism.

SETUP AND INSTALLATION

Proper installation is crucial for the reliable operation of the pull station. Follow these steps carefully:

1. **Mounting Location:** Select a visible and accessible location, typically near exits, in accordance with local fire codes (e.g., NFPA 72). The handle should be between 42 and 48 inches (107-122 cm) above the finished floor.
2. **Wiring:**
 - Ensure power to the fire alarm control panel is disconnected.
 - Connect the IDNET communication wiring to the designated terminals on the pull station. Refer to the wiring diagram provided with the device or the control panel manual for specific terminal assignments.
 - Maintain proper polarity.
3. **Mounting:**
 - Attach the pull station to a standard single-gang electrical box or a compatible surface mount box using the provided screws.
 - Ensure the device is securely fastened and level.
4. **Addressing:** The 4099-9006 is an addressable device. Set the address using the rotary switches or dip switches on the back of the unit, as per the fire alarm control panel's programming requirements. Consult the control panel's manual for address range and assignment procedures.
5. **Final Assembly:** Secure the front cover of the pull station.
6. **Power Up and Test:** Restore power to the fire alarm control panel and perform a functional test of the pull station as described in the "Operating" section.

OPERATING INSTRUCTIONS

The Simplex 4099-9006 is designed for straightforward operation during a fire emergency.

To Activate the Alarm:

1. Locate the manual pull station.
2. **PUSH** the black bar at the top of the activation mechanism.
3. Immediately after pushing, **PULL DOWN** the white handle firmly until it latches in the activated position.
4. This action will send an alarm signal to the fire alarm control panel, initiating the building's alarm sequence.

To Reset the Pull Station:

After an alarm has been activated and the situation is resolved, the pull station must be reset. This requires a special key.

1. Insert the Simplex reset key into the keyhole located at the top center of the pull station.
2. Turn the key clockwise until the handle returns to its normal, non-activated position.
3. Remove the key.
4. The fire alarm control panel must also be reset after the pull station has been restored. Refer to the control panel's manual for its specific reset procedure.

MAINTENANCE

Regular maintenance ensures the continued reliability of your Simplex 4099-9006 pull station.

- **Visual Inspection (Monthly):** Check for any physical damage, obstructions, or signs of tampering. Ensure the device is clean and visible.
- **Functional Test (Annually or as per local codes):**

- Notify building occupants and the monitoring station before testing.
 - Activate the pull station as described in the "Operating Instructions" section.
 - Verify that the alarm signal is received at the fire alarm control panel and that associated alarm functions (e.g., sirens, strobes) activate correctly.
 - Reset the pull station and the fire alarm control panel.
 - Document all tests, including date, time, and results.
- **Cleaning:** Use a soft, dry cloth to clean the exterior. Do not use abrasive cleaners or solvents.

TROUBLESHOOTING

This section addresses common issues you might encounter with the Simplex 4099-9006 pull station.

Problem	Possible Cause	Solution
Pull station does not activate alarm.	Not fully activated. Wiring issue. Incorrect addressing. Faulty device.	Ensure handle is pulled down completely until latched. Check wiring connections and polarity. Verify address setting matches control panel programming. Contact qualified service personnel for inspection/replacement.
Pull station cannot be reset.	Incorrect key used. Mechanism jammed.	Use the correct Simplex reset key. Do not force. Contact qualified service personnel.
Control panel shows a trouble signal for the pull station.	Wiring fault (open/short). Incorrect address. Device malfunction.	Inspect wiring for damage or loose connections. Verify address setting. Contact qualified service personnel.

For issues not listed here, or if solutions do not resolve the problem, contact qualified fire alarm service personnel.

SPECIFICATIONS

Feature	Detail
Model Number	4099-9006
Type	Addressable Manual Pull Station
Activation Method	Push/Pull Down
Reset Method	Key Reset
Color	Red
Dimensions (Approx.)	5.39 x 4.45 x 4.09 inches (Package Dimensions)
Weight (Approx.)	12.8 ounces (0.8 lbs)

Feature	Detail
Power Source	System Powered (Manual Activation)
Compatibility	Simplex IDNET Fire Alarm Control Panels

WARRANTY INFORMATION

Specific warranty terms for the Simplex 4099-9006 are typically provided at the point of purchase or can be obtained directly from Simplex or an authorized distributor. Generally, Simplex products come with a limited warranty covering defects in materials and workmanship under normal use and service.

For detailed warranty information, please refer to the documentation included with your purchase or visit the official Simplex website. Keep your proof of purchase for warranty claims.

SUPPORT AND CONTACT

If you require technical assistance, have questions regarding installation, operation, or maintenance, or need to report a malfunction, please contact your authorized Simplex distributor or service provider.


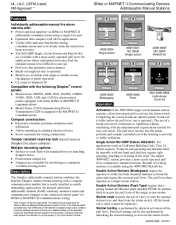
For general inquiries, you may visit the official Simplex website or refer to the contact information provided in your system's overall documentation.


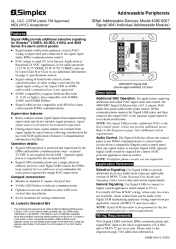

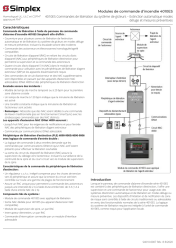
Note: Do not attempt to repair the device yourself. Servicing should only be performed by qualified and authorized personnel.



© 2025 Simplex. All rights reserved. Information subject to change without notice.
This manual is for informational purposes only. Always adhere to local and national fire safety codes and regulations.

Related Documents - 4099 9006

	<p>Simplex IDNet/MAPNET II Addressable Manual Fire Alarm Stations - Product Data</p> <p>Detailed information on Simplex 4099 Series addressable manual fire alarm stations, compatible with IDNet and MAPNET II systems. Features, specifications, mounting options, and product selection for various models, including single action, double action (breakglass and push), and NO GRIP options. Compliant with ADA requirements and listed by UL, ULC, FM, and CSFM.</p>
	<p>Simplex Addressable Manual Stations: IDNet/MAPNET II Peripherals</p> <p>Explore Simplex addressable manual fire alarm stations, detailing their features, single/double action types, NO GRIP options, and compatibility with IDNet/MAPNET II systems. Includes mounting and specification information.</p>

 A technical document titled 'Simplex 4010ES Fire Control Units: Comprehensive Guide'. It features a table of contents on the left and a photograph of the fire control unit on the right. The text is in English.	<p>Simplex 4010ES Fire Control Units: Comprehensive Guide</p> <p>Explore the features, specifications, and operational details of the Simplex 4010ES Addressable Fire Detection and Control Units. This guide covers basic system components, optional modules, and system compatibility for advanced fire safety solutions.</p>
 A technical document titled 'Simplex 4090-9007 IDNet Signal IAM: Addressable Module for Fire Alarm Systems'. It includes a table of contents and a photograph of the module. The text is in English.	<p>Simplex 4090-9007 IDNet Signal IAM: Addressable Module for Fire Alarm Systems</p> <p>Detailed technical specifications and features for the Simplex 4090-9007 IDNet Signal Individual Addressable Module (IAM), designed for enhanced selective signaling and audio control in Simplex 4100ES, 4010ES, 4100U, and 4008 Series fire alarm control panels. Includes wiring, operation, and mounting information.</p>
 A technical document titled 'Simplex 4098-9019 IDNet Addressable Beam Detector Wiring and FACP Programming Guide'. It contains a table of contents and a photograph of the beam detector. The text is in English.	<p>Simplex 4098-9019 IDNet Addressable Beam Detector Wiring and FACP Programming Guide</p> <p>Comprehensive guide for wiring and programming the Simplex 4098-9019 IDNet Addressable Beam Detector system with Simplex Fire Alarm Control Panels (FACPs). Covers compatibility, electrical specifications, addressing, and panel operations.</p>
 A technical document titled 'Simplex 4010ES: Systèmes de commande d'extinction automatique pour gicleurs'. It includes a table of contents and a photograph of the fire control unit. The text is in French.	<p>Simplex 4010ES: Systèmes de commande d'extinction automatique pour gicleurs</p> <p>Guide technique Simplex 4010ES détaillant les modules de commande pour les systèmes d'extinction automatique par gicleurs, couvrant les modes déluge et préventif, avec spécifications, homologations et schémas de câblage.</p>