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Napco 816PREMPAK

Napco Gemini P816 Security System Kit User Manual

Model: 816PREMPAK

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Napco Gemini P816 Security System Kit. This kit is designed to provide reliable security for your premises.

The kit includes the P816 security control panel in an enclosure, an alphanumeric keypad (GEM-RP1CAe2), and a step-down transformer. Please read this manual thoroughly before attempting any installation or operation.

COMPONENTS OVERVIEW



Figure 1: Napco Gemini P816 Security System Kit components. Shown are the main control panel enclosure, the GEM-RP1CAe2 alphanumeric keypad, and the step-down transformer.

The Napco Gemini P816 Security System Kit comprises the following primary components:

- **P816 Security Control Panel:** The central processing unit of the security system, housed within a protective enclosure.
- **GEM-RP1CAe2 Alphanumeric Keypad:** Used for system arming/disarming, programming, and status display. Features an LCD screen for clear messages.
- **Step-Down Transformer:** Provides the necessary power supply to the control panel.

SETUP AND INSTALLATION

Proper installation is crucial for the reliable operation of your security system. It is recommended that installation be performed by a qualified security professional.

1. Mounting the Control Panel

1. Select a secure, dry, and accessible location, typically in a utility closet or basement.
2. Ensure the location is close to an AC power outlet and away from excessive heat or moisture.
3. Mount the enclosure securely to a wall using appropriate fasteners.

2. Wiring the Keypad

- Connect the keypad to the control panel using appropriate wiring (refer to the wiring diagram in the full technical manual for specific terminal connections).
- Ensure all connections are secure and correctly polarized.

3. Power Connection

- Connect the step-down transformer to the designated AC input terminals on the control panel.
- Plug the transformer into a non-switched AC outlet.
- Connect the backup battery (sold separately) to the control panel's battery terminals.

Note: Always disconnect AC power and battery before servicing the control panel.

OPERATING INSTRUCTIONS

Arming the System

To arm the system, enter your 4-digit user code followed by the **ARM** key. The keypad will display "ARMED" and the exit delay countdown will begin.

Disarming the System

To disarm the system, enter your 4-digit user code. The keypad will display "DISARMED". If an alarm occurred, the keypad will indicate the zone that triggered the alarm.

Bypassing Zones

To bypass a zone (e.g., a window you wish to leave open), enter your user code, then press the **BYPASS** key, followed by the 2-digit zone number. Press **ENTER** to confirm. Bypassed zones will not trigger an alarm when the system is armed.

Checking System Status

Press the **STATUS** key to view the current status of the system, including open zones or system troubles.

MAINTENANCE

Regular maintenance ensures the longevity and reliability of your Napco Gemini P816 system.

- **Battery Replacement:** The backup battery should be tested annually and replaced every 3-5 years, or when the system indicates a low battery trouble condition.
- **Keypad Cleaning:** Use a soft, dry cloth to clean the keypad. Avoid abrasive cleaners or excessive moisture.
- **System Testing:** Periodically test your system with your monitoring station (if applicable) to ensure all sensors and communication paths are functioning correctly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keypad displays "AC Loss"	No AC power to the control panel.	Check if the transformer is plugged in and the outlet has power. Check circuit breaker.
Keypad displays "Low Battery"	Backup battery is weak or disconnected.	Test or replace the backup battery. Ensure battery terminals are securely connected.
System won't arm	An open zone exists (door/window open).	Check keypad for open zone indications. Close all protected doors and windows. Bypass problematic zones if necessary.
False alarms	Faulty sensor, improper installation, or environmental factors.	Identify the zone causing the alarm. Inspect the sensor for damage or obstruction. Consult a professional for persistent issues.

SPECIFICATIONS

- **Model Number:** 816PREMPAK
- **Control Panel:** Napco Gemini P816
- **Keypad:** GEM-RP1CAe2 Alphanumeric Keypad
- **Dimensions (Product):** 3.74 x 12.99 x 11.77 inches (Control Panel Enclosure)
- **Weight (Product):** Approximately 1 Pound
- **Manufacturer:** Napco Security Systems
- **Date First Available:** January 24, 2011

WARRANTY INFORMATION

Napco Security Systems products are covered by a limited warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Napco Security Systems website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT







For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Napco Security Systems customer support. Contact information can typically be found on the manufacturer's website or on the product

packaging.

Online Resources: www.napcosecurity.com

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Related Documents - 816PREMPAK

	<p>GEM-DK1CA Keypad Operating Guide NAPCO Security Systems</p> <p>User manual for the NAPCO GEM-DK1CA keypad, providing instructions on operation, system features, programming, and troubleshooting for NAPCO alarm systems.</p>
	<p>NAPCO GEM-P1632 Installation Instructions</p> <p>Comprehensive installation guide for the NAPCO GEM-P1632 Control Panel/Communicator, detailing wiring, features, specifications, and testing procedures for burglary and fire alarm systems.</p>
	<p>NAPCO iBridge® App User Guide: Security System Control and Automation</p> <p>Comprehensive user guide for the NAPCO iBridge® App, detailing how to control your home security system, manage features like home automation and video monitoring, and troubleshoot common issues. Learn about arming, disarming, notifications, and more.</p>
	<p>NAPCO GEM-P816 Programming Instructions</p> <p>Comprehensive programming instructions for the NAPCO GEM-P816 Control Panel/Communicator, detailing setup using GEM-RP1CAe2 and GEM-K1CA keypads. Covers Easy Menu Driven and Direct Address programming modes.</p>
	<p>Napco GEM-RP3DGTL Keypad Operating Guide</p> <p>Comprehensive operating guide for the Napco GEM-RP3DGTL keypad, detailing its features, functions, arming/disarming procedures, fire protection, troubleshooting, and system error codes. Includes instructions for installation, programming, and system testing.</p>
	<p>NAPCO GEM-RP1CAe2 Keypad Operating Guide</p> <p>This comprehensive operating guide provides detailed instructions for the NAPCO GEM-RP1CAe2 keypad, a smart, user-friendly, interactive menu-driven keypad for Napco control panels. It covers system arming and disarming, fire protection, keypad functions, programming, troubleshooting, error codes, and warranty information.</p>