

DeltaNet FS90 Operating Instructions

OPERATING INSTRUCTIONS

SYSTEM OPERATION

A normally functioning DeltaNet Fire & Security System is indicated by the green RUN and green POWER LEDs on the powered Control Board. In a Communication Board, a red Transmit and Receive LEDs blink as data is communicated.

Power Supply Supervision

The power supply circuitry for the DeltaNet FS90 Fire & Security System are monitored for integrity. Trouble conditions in these circuits are indicated by Low Battery (yellow) and Power (green) LEDs on the CA control board. In the normal, supervisory condition, the yellow Low Battery LED is off and the green Power LED is on. A trouble condition in the power supply circuits is indicated when either the green Power LED is blinking or the yellow Low Battery LED is on. If this occurs, contact a service technician to determine the nature of the trouble condition by removing the batteries from the system and testing their condition. With the batteries out of the system, proper functioning of the power supply, battery charger and battery supervision circuits should be verified. Any faulty component must be replaced.

Modes of Operation

The DeltaNet Fire & Security System can operate independently (Stand-Alone Mode) or as a Data Gathering Panel (DGP) in a higher-order system (DGP Mode). DGP Mode is in effect when a Communication Board is plugged into the Motherboard and active communication takes place. In communication take, the system operates in Stand-Alone Mode.

LJ Communication/Display Board Switch

When the LJ Board MULTIPLE ALARM-TROUBLE LED is on, multiple abnormal conditions (alarm, trouble, problem) exist on all Board loops. The LJ Board displays one address at a time, beginning automatically with the address of the highest-priority device. An address remains displayed until a new, higher-priority device goes into an abnormal condition or until the PREVIOUS/NEXT switch is pushed. Use the PREVIOUS/NEXT switch to display other addresses as follows:

PRINTER/DISPLAY ASSEMBLY AND LJ INTERFACE BOARD OPERATING INSTRUCTIONS

This two front Printer/Display Assembly switches are:

- Printer On-Line Switch with Integral LED.
- Paper Advance Switch.

LJ Interface Board switches are:

- ACK—UP to acknowledge indicated point in LCD display.
- ALL POINTS SUM—UP to request All Point Log; DOWN to request Alarm Summary Log.
- PREVIOUS/NEXT—UP to revert LCD display to former point, DOWN to advance LCD display to subsequent point.

FRONT PANEL SWITCHES/LEDS

Control Board Switches

ACKNOWLEDGE

- Pushing the ACKNOWLEDGE switch silences the local audible and changes blinking LEDs to ON. The ACKNOWLEDGE switch does not affect indicating zone outputs and does not silence alarm signals. Pushing the ACKNOWLEDGE switch acknowledges all alarms present in the zone.
- If the panel is a DGP, the ACKNOWLEDGE switch does not function when the DGP is communicating with the higher-order system. The ACKNOWLEDGE switch becomes functional when communication is broken.

SILENCE

Pushing the SILENCE switch does the following:

- Silences devices connected to indicating zones.
- Silences devices connected to Control Modules with indicating characteristic set.
- Silences the local audible.
- Turns on the Control Board SILENCE LED.
- Changes blinking LEDs to on.

RESET

Pushing the RESET switch removes power to all initiating zones for 30 seconds and sends out a 30-second reset signal that returns all input zone status indicators to normal. After reset, zones that return to alarm or trouble are announced as new alarms or troubles.

PANEL TEST

Performing a Panel Test reveals whether all boards are controlled by the panel microprocessor. Pushing the PANEL TEST switch turns on all LEDs, except Communication Board LEDs and turns on the local audible. A Panel Test does not interrupt alarms or troubles reporting in the system. Pushing the PANEL TEST switch turns on all LJ Communication/Display Board LEDs and causes the LJ Board to display the address 9999.

Pushing the MANUAL EVACUATION switch does the following:

- Turns on all indicating zones.
 - Turns on all AE (Alarm Evacuation) Control Modules that have the indicating characteristic set during system setup.
 - Causes a common alarm indication.
 - Causes the local audible to pulse.
- Manual evacuation is terminated by pushing either the SILENCE or the RESET switch.

Honeywell DeltaNet FS90 Fire & Security System
Control Unit
LOCAL SERVICE REPRESENTATIVE

Name: _____

Address: _____

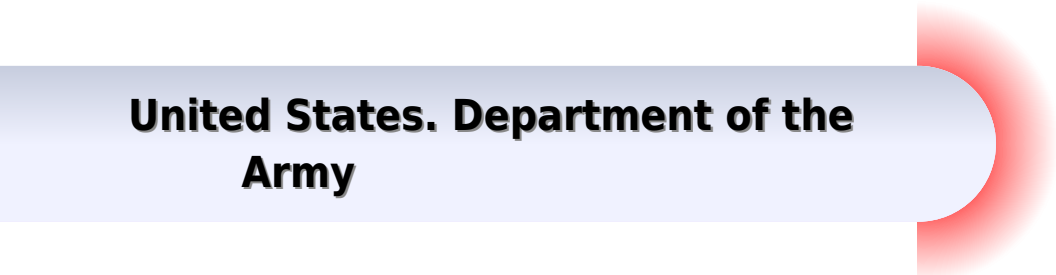
Phone: _____

Refer to Installation Instructions: Honeywell form no. 95-7421-3, issued 10-2007



Deltanet Fs90 Operator Manual

**United States. Department of the
Army**



Deltanet Fs90 Operator Manual:

Security ,1990 Approval Guide ,1995 **California State Fire Marshal Listings for [materials] which Meet Minimum Fire and Life Safety Standards** California. Office of the State Fire Marshal,1989 *Operator's Manual* ,1990
Operator's Manual ,1988 **Operator's Manual** ,1989 **Operator's Manual** United States. Department of the Army,1991 *Ford D Series Operator's Manual* ,1977 **Operator's Manual** ,1990 **Operator's Manual, Operation Under Usual and Unusual Conditions** ,1981

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Table of Contents Deltanet Fs90 Operator Manual

1. Understanding the eBook Deltanet Fs90 Operator Manual
 - The Rise of Digital Reading Deltanet Fs90 Operator Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Deltanet Fs90 Operator Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Deltanet Fs90 Operator Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Deltanet Fs90 Operator Manual
 - Personalized Recommendations
 - Deltanet Fs90 Operator Manual User Reviews and Ratings
 - Deltanet Fs90 Operator Manual and Bestseller Lists
5. Accessing Deltanet Fs90 Operator Manual Free and Paid eBooks
 - Deltanet Fs90 Operator Manual Public Domain eBooks
 - Deltanet Fs90 Operator Manual eBook Subscription Services
 - Deltanet Fs90 Operator Manual Budget-Friendly Options
6. Navigating Deltanet Fs90 Operator Manual eBook Formats

- ePub, PDF, MOBI, and More
- Deltanet Fs90 Operator Manual Compatibility with Devices
- Deltanet Fs90 Operator Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Deltanet Fs90 Operator Manual
 - Highlighting and Note-Taking Deltanet Fs90 Operator Manual
 - Interactive Elements Deltanet Fs90 Operator Manual
- 8. Staying Engaged with Deltanet Fs90 Operator Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Deltanet Fs90 Operator Manual
- 9. Balancing eBooks and Physical Books Deltanet Fs90 Operator Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Deltanet Fs90 Operator Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Deltanet Fs90 Operator Manual
 - Setting Reading Goals Deltanet Fs90 Operator Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Deltanet Fs90 Operator Manual
 - Fact-Checking eBook Content of Deltanet Fs90 Operator Manual
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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web when designing or installing electrical power supplies for fire pumps and their accessories you must apply special rules as listed in nfpa 70 the national electrical code nec and the standard for centrifugal fire pumps cfp nfpa 20

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web 1 system consists of pump skid and control box control box on deluxe systems only 2 check that the motor is securely fastened to the skid 3 connect sprinkler piping to customer connection on pump skid 4 connect pump suction connection to water source 5 wire control power to pump skid 6 ensure correct voltage is applied

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