

411UDAC Rev 2

Fire Alarm Communicator



Control / Communicators

General

The Fire-Watch 411UDAC Rev 2 is a compact, multifaceted, stand-alone or slave Fire Alarm Communicator designed for a variety of fire and non-fire applications. It provides four channels (inputs) that accept waterflow devices, and four-wire smoke detectors, pull stations, and other normally-open contact devices. The 411UDAC is a cost-effective solution for applications that require an existing (or new) Fire Alarm Control or Security Panel to transmit system status to an off-site monitoring facility for Central or Remote Station compliance. Due to its extremely flexible programming options, the 411UDAC is also ideal for use as a stand-alone unit to monitor sprinkler systems for waterflow and supervisory conditions; processes (i.e., water level, gas detection, loss of air flow); and normally-open contact devices. With fifteen selectable transmission formats, including Ademco Contact ID, compatibility with virtually all Digital Alarm Communicator Receivers (DACR) is ensured. Programming can be accomplished on-site with a hand-held programmer (PRO-411), or remotely utilizing the optional PK-411UD Windows®-based remote upload/download software package. The PK-411UD upload/download software also permits system interrogation and revision from a remote site. The PK-411UD is part of the PK-CD utility.

Features

- Four supervised monitoring channels (inputs).
- Three fixed Style B (Class B) and one Style A (Class A) or Style B (Class B).
- Inputs may be individually programmed for stand-alone applications, or when monitoring a host control panel, for:
 - Four-wire smoke detectors (Inputs 1 and 3).
 - Pull station.
 - Normally-Open contacts.
 - Host panel trouble (slave mode).
 - Supervisory.
 - Supervisory (autoresettable).
 - Waterflow (silenceable).
 - Waterflow (non-silenceable).
- One Style Y (Class B) Notification Appliance (bell).
- Circuit (NAC).
- 1.0 Amp notification appliance power.
- Coded (temporal) notification appliance (bell, signal) circuit.
- 12 VDC operation.
- Capable of 60 hours of standby.
- Seven individual LEDs; six visible through door:
 - AC Power.
 - System Trouble.
 - System Alarm.
 - Supervisory.
 - Communication Fail.
 - Battery Trouble.
 - Earth Fault (not visible with door closed).
- Dual telephone lines:
 - Dual telephone line voltage detect.



411UDAC.jpg

- Alternating phone lines for 24-hour test messages (programmable).
- Industry-first, UL recognized, "dialer runaway" prevention feature.
- Long-distance Carrier Access Code (CAC) compliant, accepting 20-digit central station and service terminal telephone numbers.
- Industry-first, user-selectable restoral methods.
- Fully programmable transmittal codes for fire and non-fire (e.g., process monitoring) applications.
- Capable of transmitting the following DACT information, in addition to vital system status of the host control panel:
 - DACT troubles.
 - Telephone line 1 and 2 voltage fault.
 - Primary or Secondary Central Station communication fault.
 - System off-normal.
 - 24-hour normal test.
 - 24-hour abnormal test.
- Includes 15 popular communication formats, including the widely used Ademco Contact ID format, ensuring compatibility with virtually all DACRs.
- Local piezo sounder with separate and distinct sounds for various conditions.
- Acknowledge/System Silence and Reset switches.
- Alarm verification.
- Signal silence inhibit.

Notifier Fps Fire Alarm Control Panel Manual

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Security ,2006 *Thomas Grocery Register* ,1985 **American Export Register** ,1982 *MacRae's Blue Book* ,1990 **NFPA Pocket Guide to Fire Alarm and Signaling System Installation** Merton W. Bunker,Merton W. Bunker, Jr.,2011 Previous editions titled NFPA pocket guide to fire alarm system installation *Fire Alarm Guide for Property Managers* E. Morawski,2007-01-01 Illustrated guide with everything a property manager building engineers and service technicians need to know about fire alarms and sprinkler systems **NFPA Pocket Guide to Fire Alarm System Installation** Merton W. Bunker, Jr.,Richard J. Roux,2006 Fully updated to reflect the provisions of the 2007 National Fire Alarm Code NFPA 72 and the 2005 National Electrical Code NFPA 70 this brand new edition provides all the information you need to design install or maintain fire alarm systems It has been reorganized to follow the order of topics presented within the NAFC and includes updated requirements for power supplies survivability and spacing of detectors and notification appliances Fire Alarm Systems ,1988 **Fire Alarm Systems : a Reference Manual** Canadian Fire Alarm Association,1986 Notifier Systems Notifier Corporation,1970

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