

# D7024 24V Addressable Fire Alarm Control Panel

## **Proven Technology**

The D7024 Addressable Fire Alarm Control Panel (FACP) is tried and true technology at its best. Designed for use in small and mid-range applications, the D7024 is engineered to perform accurately and consistently in critical situations.

## **Powerful Features**

The price to feature ratio on the D7024 is outstanding, offering a long list of powerful features not available in other fire controls in the same price range. With a window for viewing the panel's full text display, the D7024 also includes a robust power supply, built-in Digital Alarm Communicator Transmitter (DACT), keypad and a synchronization signal for notification appliance circuits (NACs).

Unlock the enclosure door for easy access to the system keys which allow you to silence alarm and trouble conditions, bypass zones, reset detectors, perform tests and other fire functions as well as programming. All of these functions are also available on the remote fire system controllers that connect to the system. The D7024 also offers easy remote programming over a telephone line connection. Controlling your fire system is simple and convenient with the features found in the D7024.

## **Anything but Conventional**

With the option of adding addressable technology, the D7024 becomes the perfect solution when faced with selecting a fire alarm control panel for new construction. The D7024 can be installed as a conventional panel when a building is unoccupied. As businesses move in, addressable features can be incorporated as needed by simply adding a D7039 Multiplex Expansion Module. Your original investment is extended to include more complex applications at a fraction of the cost of replacing the panel.

The D7039 expands the base system up to 255 addressable points, increases the number of relay outputs to 58 and adds an additional 400 events to the history buffer for an impressive total of 499 events. The expansion module also increases the number of Personal Identification Numbers (PINs) to 100, a significant increase from the 16 PINs available in the base system.



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#### **Tradition of quality and innovation**

For over 100 years, the Bosch name has stood for quality and reliability. Bosch Security Systems proudly offers a wide range of fire, intrusion, CCTV, management and communication systems and components to help you find the solution for any application. We are the global supplier of choice for innovative technology backed by the highest level of service and support. When you need solutions you can rely on, choose Bosch.



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All products now come with a 3 year minimum warranty.

#### **Our Commitment to You**

Customers are our number 1 priority. It is our mission to serve our customers and partners in a professional and responsive manner, and all of our employees are empowered to do so.

**Fire systems you can rely on.**

**BOSCH**



# D7024 Fire Alarm Control Panel



Fire Systems



The D7024 offers accurate, consistent performance with a feature set that elevates this panel to the top of its class.

Fire systems you can rely on.

**BOSCH**



#### Listings and Approvals

- Underwriters Laboratories UL 864
- CSFM

#### Features

- Four conventional zone (expandable to eight) Fire Alarm Control Panel (FACP)
- Can be converted to 255 point addressable system
- Built-in Digital Alarm Communicator Transmitter (DACT)
- Four programmable authority levels
- Each detector zone supports up to 20 two-wire smoke detectors
- Up to 18 programmable relay outputs (58 with addressable)
- 32 character backlit LCD display
- Supports up to four D7033 Fire System Controllers and eight D7030X Series LED Annunciators
- Two notification appliance circuits (NAC) on board
- Internal 24VDC, 4 amp NAC power supply
- Programmable through front panel keypad or through Remote Programming Software (RPS)
- 99 event history buffer (499 with addressable)
- Option Bus provides serial data interface for fire alarm accessories
- UL Listed for fire applications
- Wheelock™ Signal Sync



The D7024 is ideal for smaller applications such as convenience stores, day care centers and strip malls. With a minimal investment in the D7039 you gain a larger feature set, making the D7024 suitable for office buildings, warehouses, apartment buildings and other medium-sized applications. In addition, by using the same fire panel for multiple applications you can reduce training costs, keep fewer parts in stock, greatly reduce programming issues and make estimating jobs easier.



## Conventional or Addressable?

### Conventional Detection FACP

- Features**
- Suitable for small jobs
  - Lowest cost of installation
  - Can be converted to addressable
  - Easy to program
  - Easy to wire

- Ideal for**
- Small Retail
  - Day Care
  - Gas Station
  - Book Store
  - Fast Food Restaurant



### Addressable Detection FACP

- Features**
- Suitable for small to medium jobs
  - Mid-range cost of installation
  - Increased level of information available to Central Station
  - Exact device in alarm or trouble is identified at FACP
  - Device can have a text label at FACP
  - Easier to troubleshoot
  - Can report contaminated detectors
  - Better level of customization

- Ideal for**
- Restaurants
  - Retail Stores/Chains
  - Apartment Buildings
  - Schools
  - Office Complexes
  - Warehouses
  - Banking
  - Hotels
  - Elderly Care



# Exceptional Accessories



**D7038 Remote Notification Appliance Circuit (RNAC) Power Supply** – This regulated power supply provides up to six amps of power.



**D7042/D7042B Multiplex Eight-Input Remote Modules** – Eight input loops for conventional contacts that can be used to monitor four-wire smoke detectors, waterflow contacts, and supervisory sensors.



**D7033 LCD Keypad** – Combines fire system annunciator and controller functions.



**D7036 Four-wire LCD Annunciator Keypad** – May be surface mounted to a standard 3 gang box, or with the provided mounting backplate.



**D7030X Series of LED Annunciators** – Identifies the location of a fire alarm or supervisory condition for up to eight zones.



**D7031 Remote Keyswitch** – Provides the ability to silence notification appliances and reset a D7024 FACP from a remote location.



**D7032 8 Zone LED Annunciator** – An expansion module for use with the D7030X Series LED Annunciators.



**D7045 Multiplex Fire Alarm Pull Station** – A single action, UL listed fire alarm initiating device.



**D7053 Multiplex Input/Output Module** – A general purpose device that monitors a N/O Supervised contact device and provides a separately controlled Form C relay output.



**D7044/D7044M Multiplex Mini Single-input Module** – Connects a normally-open (NO) contact to the multiplex bus of a D7024 Addressable FACP.



**D7052 Multiplex Dual-input Module** – An on-board status LED on the module indicates normal, alarm, and trouble conditions and is visible on the module or on an attractive, low-profile faceplate.



**D7034 4-Zone Expander** – Doubles the number of alarm input (sensor) circuits on the control panel.



**D7035/D7035B Remote Octal Relay Board Octal Relay Modules** that provide eight Form C relay outputs.



**D7048/D7048B Octal Driver Modules** – Provide eight open-collector transistor outputs to the D7024 FACP via the panel's option bus.



**D7039 Multiplex Expansion Module** – Designed to enhance the conventional features of the D7024 FACP.



**D275 End-of-Line Module** – Intended for use as a line supervision device in 4-wire fire detection circuits.



**D185 Reverse Polarity Module** – Sends a steady signal over one or two pairs of leased telephone company lines to a monitoring station.



**D7014 Class A Zone Converter** – Allows a 12 or 24 VDC panel with a powered Class B, Style B loop to supervise Class A field wiring.



**D7015 Class A Notification Appliance Circuit (NAC) Adapter** – Converts a Class B NAC to a Class A circuit.



**D343P MUX Addressable Duct Smoke Detector** – Designed to mount to the ducts of HVAC systems to monitor the presence of smoke in the conditioned air.



**D7050-B6 Smoke Detector Base** – Designed for use with the D7050 and D7050TH Multiplex Photoelectric Smoke Detectors.



**D7050** – A low profile, multiplexing, photoelectric system type smoke detector.



**D7050TH** – A low profile, multiplexing, photoelectric system type smoke detector with 135°F (57°C) heat sensor.