FPD-7024 Fire Alarm Control Panel
Quick Guide

BOSCH
Invented for life

Top Benefits of the FPD-7024

► The best price/feature ratio in its class

► Built-in DACT, keypad, and sync for NAC appliances save customers time and money

► Easy programming local or remote with RPS/DX4010i/DX4020

► Conettix IP Alarm-over-IP Reporting

► Minimal training requirements

► Easy expansion and conversion of conventional model to addressable

Features

► UL 864 9th Edition listed
► High-current power supply
► Conversion to addressable at any time
► NAC supplies
   — Now up to four supplies on the options bus
   — Sync signals for Wheelock, System Sensor
► Programmable through front panel keypad, Remote Programming Software (RPS) or through DX4020, DX4020V2 or DX4010i
► Supports the DX4020 for IP CS reporting
► Four programmable authority levels
► Each conventional detector zone supports up to 20 two-wire smoke detectors
► 19 programmable relay outputs; 59 with addressable (56 addressable with 3 on-board relays)
► 32-character backlit LCD display
► Supports up to 4 FMR-7033 or 4 FMR-7036 and 8 D7030X Series LED Annunciators
► Two notification appliance circuits (NAC) on board
► Internal 24VDC, 4 amp NAC power supply (shared)
► 99 event history buffer — 499 with addressable upgrade
► Option Bus provides data interface for fire alarm accessories
► UL Listed for fire applications

Listings and Approvals

► UL 864 9th Edition
► FM
► CSFM 7165-1615:227
► FCC ESUAL04B7-24

Conventional Features

► Text display for the price of LED
► Class A or B: no need for additional adaptors
► Low-cost panel/high-end features
► 4 built-in loops, easily expandable to 8 loops
► Easily expandable to an addressable FACP

Addressable Features

► One panel for multiple applications
► Reduced panel and parts inventories
► Up to 247 addressable points in addition to 8 conventional
► Full line of remote keypads and annunciators
► Smoke detectors indicate trouble when contaminated
► Text-per-point at panel and central station
► Class A or B: no need for additional adaptors
► No shielded cabling required — save installation cost

FPD-7024 System Accessories

FPP-RNAC-8A-4CRemote Notification Appliance Circuit (RNAC) Power Supply*—This regulated power supply provides up to six amps of power

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

D7052 Multiplex Dual-input Module—An on-board status LED indicates normal, alarm, and trouble conditions and is visible on the module

FMR-7033 LCD Keypad—Combines fire system annunciator and controller functions

D7050—A low profile, multiplexing, photoelectric system type smoke detector

D7053 Multiplex Input/Output Module—General purpose device that monitors contact devices and provides a separately controlled Form C relay output

FMR-7036 Four-wire LCD Annunciator Keypad—May be surface mounted to a standard 3 gang box, or with the provided mounting backplate

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

FPC-7034 4-Zone Expander—Doubles the number of Initiating Device Circuits (IDC) on the control panel

D7032 8 Zone LED Annunciator—An expansion module for use with the D7030X Series LED Annunciators

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

D7039 Multiplex Expansion Module—Designed to enhance the conventional features of the D7024 FACP. Adds two Class B or one Class A SLC

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

D7042/D7042B Multiplex Eight-Input Remote Modules—Eight input loops that can monitor smoke detectors, waterflow contacts, etc.

DX4020 Network Interface Module— Creates two-way communications over Ethernet networks for specific Bosch control panels

DX4010i RS-232 Serial Interface Module— Creates a local connection between compatible control panels and approved applications

FMM-7045/FMM-7045D Multiplex Fire Alarm Pull Station— A single or dual action, UL listed fire alarm initiating device

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

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

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

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

Pending Release