INTELLIGENT MONITORING FOR SAFER BUSINESS

PANASONIC FIRE ALARM SOLUTIONS

TECHNOLOGY FOR A BETTER WORKING WORLD

CHOOSE PANASONIC FIRE SOLUTIONS AND YOU'RE CHOOSING WORLD-CLASS PROTECTION

With more than 30 years' experience in the development of fire alarm solutions, and installations in over 15,000 buildings, Panasonic provides technology that's designed not just to alert you to the outbreak of fire, but also to pre-warn you of conditions that could lead to a fire.

A track record of safety and success – our fire solutions are proven in many industries, delivering high levels of accuracy and few false alarms.

Lower total cost of ownership – because our solutions achieve outstanding levels of reliability and are easily installed, maintained and managed, the cost to the end user is reduced over the lifetime of the system.

Smart flexible detector algorithms

Our smart flexible detector algorithms improves the detection functionality, and is now available equipped with Artificial Intelligence capability. There are five algorithms inside the detector, which selects the correct mode automatically by evaluating and 'learning' from the surrounding environment.

Improved detector chamber with extremely fine mesh net

Following extensive research into detector reliability, Panasonic identified that 78% of unwanted alarms were caused by dust or insects – both capable of passing through traditional detector meshnets. We have reduced our mesh net to just 0.3mm, reducing cases of unwanted alarms dramatically.

Constant smoke contamination monitoring

Our fire systems are constantly monitoring the levels of contamination in the detectors, and has sensitivity
compensation for contamination. This lowers ongoing maintenance costs and maintains a high and consistent level of protection.

Tested not once, but twice

Smoke detectors are life-saving devices. So every Panasonic smoke detector is tested twice with real smoke during the production process. We never use statistical, theoretical testing methods, ensuring the highest possible levels of reliability.

High noise immunity

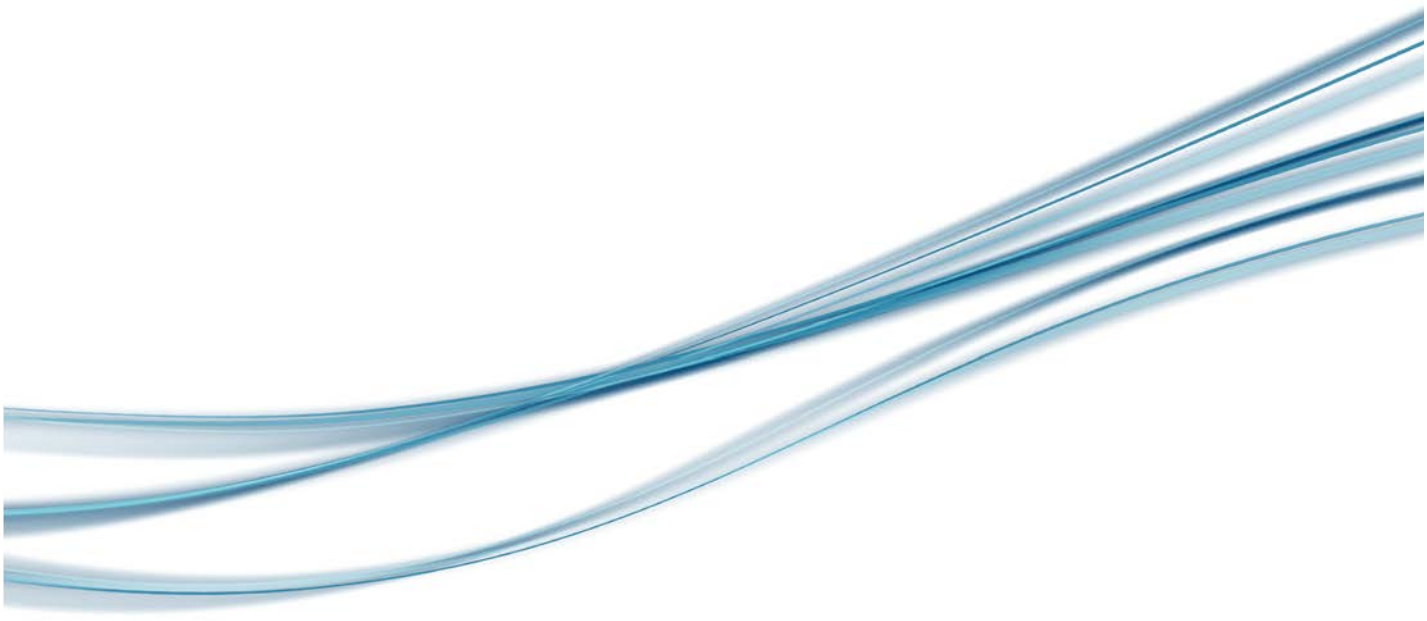
Panasonic NMAST communication technology provides high noise immunity – ideal for installations in heavy industry, power plants, hospitals and universities where noise can have a negative impact on fire detection.

Multi-master configuration

Control panels can be connected in a multi-master arrangement, with up to 30 panels allowing wide distribution throughout premises.

WEB server integration

With Panasonic fire alarm systems, it's possible to install a WEB server inside the control panel, allowing full access over TCP/IP.



THE COMPREHENSIVE SOLUTION TO A CRITICAL BUSINESS RISK

While all buildings are required by law to install some form of fire detection system, it takes more than a simple alarm to provide the security and safety a business requires. Panasonic's solutions are designed to provide all-round protection in every professional setting – and are now available in combination with Panasonic security camera systems. This combination of alarm sensors and Full HD video images creates a comprehensive security and monitoring solution that safeguards both premises and the continued operation of large-scale businesses and organisations.

Solutions for healthcare

To protect patients, staff, premises and the life-saving equipment inside, Panasonic has developed a range of fire alarm solutions with the precise requirements of hospitals in mind. A range of programmable functions, intelligent algorithms and the ability to monitor multiple zones mean early, safe and reliable fire detection and prevention is achieved, in the most critical of environments.

Solutions for data centers

Data centers and service halls often contains the most critical assets in any operation. Protection of these business critical systems require the earliest possible detection of hazards, which is exactly what Panasonic can provide.

Solutions for logistic

Complex storage solutions, dusty environments, big variations in temperature and airflow and sometimes even freeze rooms with temperatures down to -25 degrees.
These are challanges where Panasonic's robustness has proved to be ideal

Solutions for industry

Time lost due to either the outbreak or false reporting of fire can be, at best, damaging and, at worst, disastrous for the managers of industrial sites and power plants. Thanks to the flexible, multi-zone, intelligent capabilities of Panasonic's fire solutions, however, this risk can be mitigated, with systems capable of operating in the specific and often unique surroundings of industrial premises.

Solutions for transportation

Real-time security evaluation is essential in crowded places such as airports and train stations to provide the necessary prevention to ensure a high quality service that provides safety to millions of daily passengers. Panasonic technologies adapt to each environment offering a more customised solutions.

Solutions for education

With the challenge of maintaining safety and ongoing operation across multiple sites, universities require the best possible fire detection and prevention solutions. Panasonic provides both, with proven reliability and cutting-edge technology able to deliver the level of protection needed to safeguard students and staff, and avoid the unnecessary expense and inconvenience of nuisance alarms.

FIRE ALARM SYSTEMS
EBL512 G3 AND EBL128

General

EBL512 G3 and EBL128 are analog addressable fire alarm systems which are used with analog addressable detectors, inputs and outputs as well as conventional detectors. Both fulfill the EN54 standards: EN54 part 2 (Control and indicating equipment) and EN54 part 4 (Power supply) and EN54 part 13 (System compatibility). Detectors, manual call points, and general input and output units for free programmable customer specific functions can be connected to the COM loops.

EBL512G3 and EBL128 – a unique concept for early and safe detection without nuisance alarms

EBL512 G3 and EBL128 are a new generation of fire alarm systems. With a unique functionality in cooperation with detectors that adapt to the surrounding environment, self-diagnostic and interactivity, the system is suitable for most premises.

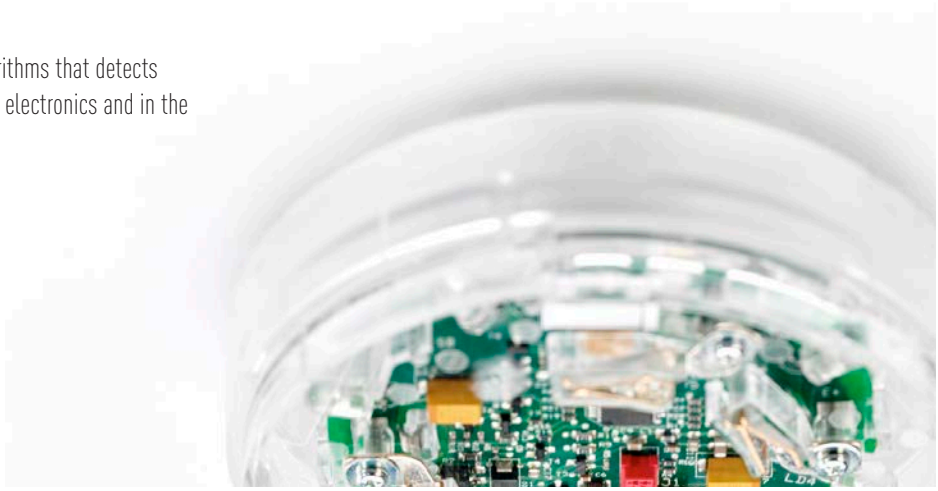
Each analog smoke detector in the system is individually adapted to the surrounding environment. The sensitivity of each analog detector is constant in spite of the individual contamination or background particle level.
The long-term changes are, for example, distinguished from the short-term changes of a smouldering fire.

Intelligent alarm algorithms to detect smouldering fires.
The self-diagnostics function is a result of a unique algorithms that detects every deviation from the accurate normal condition in the electronics and in the detection chamber.

The interactivity function uses information from one, two or more detectors in the system to increase reliability in detection of a real fire.

A family of state of the art analog detectors gives the c.i.e accurate and noise-free information about occurance of smoke and/or temperature changes in the installation.

Both control panels are prepared for remote surveillance and operation. Data can be access from PC, tablet, or smart phone.



FIRE ALARM SYSTEMS
EBL512 G3 AND EBL128

The EBL512 G3 and EBL128 fire alarm systems have a set of functions that meet the most stringent requirements relating to fire detection and fire prevention measures.

- A large number of fire detection algorithms are supported by the system and can be set individually for each analog detector.
- Alert annunciation. The output for the alarm transmitter can be delayed for immediate on-site investigation of a fire alarm.
- Detectors, zones, programmable outputs and outputs for the alarm transmitter can be individually disabled.
- Internally and/or externally controlled time channels. E.g. one or more alarm points may be disabled via an external timer.
- User programmable outputs can be programmed in a very flexible way enabling control of sirens, fire doors, extinguishing systems, etc.
- External fire brigade panels can be connected to each c.i.e.
- Display of the actual system status in a PC or Tablet via a web-server connected to an intranet (LAN) or the Internet.
  In the event of fire alarm, service signal, etc. an e-mail can be sent to the appropriate personnel. Also provides two-way communication to an external computer system like a building management system or security systems.

FIRE ALARM SYSTEMS
CONTROL AND INDICATING EQUIPMENT C.I.E

EBL512 G3

Features

EBL512 G3 – the third generation of the intelligent analog addressable system.

Up to 1020 addresses – of which up to 512 can be used for alarm points (EN-54), remaining addresses can be used for alarm devices, I/O units etc.

Redundant network for up to 30 control units with two TLON networks.

Supports auto-addressing to simplify commissioning.

Type numbers

5000: EBL512 G3 c.i.e. with or without a printer. Supplied with a standard mounting plate approved for an incombustible wall (e.g. concrete).

5001: EBL512 G3 c.i.e. Control panel without front or display. To be used in networks with at least one type 5000.
Supplied with a standard mounting plate approved for an incombustible wall (e.g. concrete).

4580: 8 zones expansion board (8 zone line inputs for conventional detectors)

4581: 8 relays expansion board (8 programmable relay outputs)

4583: Supervised in- and outputs expansion board. 3 outputs and 5 inputs

5089: Connection cable for up to six expansion boards (4580-4583)

1598: Web-server for connection of the fire alarm system to an intranet or the internet

5090: TLON connection board – required for a TLON network. Two boards in each c.i.e. for redundant network

5020: Mounting plate for 19¨ mounting rack. For one 5000 / 5001

5013: Cabinet for drawings

EBL128

Features

EBL128, an intelligent analog addressable fire alarm system for up to 255 addresses.

Supports auto-addressing to simplify commissioning.

Type numbers

4550: EBL128 c.i.e. (255 addresses)

4552: RS485 transceiver component, for up to four display units, i.e. external fire brigade panels 1826 /1828, external presentation unit 1728 and/or alert annunciation units 1735 / 1736.

4580: 8 zones expansion board. (8 zone line inputs for conventional detectors).

4581: 8 relays expansion board (8 programmable relay outputs).

4551: Expansion board holder. (For four 4580 or four 4581 expansion boards.)

5089: Connection cable for up to six expansion boards (4580-4583)

1598: Web-server for connection of the fire alarm system to an intranet or the internet.

FIRE ALARM SYSTEMS
DISPLAY UNIT

DISPLAY UNIT 5054

Features

- Selectable function as Presentation unit, Firebrigade panel, or Alert annunciation unit
- Color touch screen 10.1"
- Multi language support
- Up to 30 units can be connected to a C.I.E and up to 1 200 meters to the farthest display unit

Type numbers

5054: Display unit

DISPLAY UNIT METAL CABINET 5055

Features

- Metal cabinet for build in of Display unit 5054
- Key required for safety
- To be used in Fire brigade panel applications

Type numbers

5055: Display unit metal cabinet

FIRE ALARM SYSTEMS
ANALOG / ADDRESSABLE DETECTORS

ANALOG BASE 3312

Features
- Common base for the different analog detectors
- Screw connectors including output for external LED
- Label holder recess

Type numbers
3312: Analoge base

3390: Label holder (100 holders per packet, excluding labels)

3391: Labels for 3390 (10 sheets á 132 labels)

ANALOG BASE 3312F / FL

Features
- Common base for the different analog detectors
- Fast connectors
- Label holder recess
- Available in grey or white

Type numbers
3312F: Analog base with fast connectors for the COM loop

3312FL: Analog base with fast connectors for the COM loop and fast connector for external LED (2218)

3390: Label holder (100 holders per packet, excluding labels)

3391: Labels for 3390 (10 sheets á 132 labels)

ANALOG MULTIDETECTOR 4400

Features

- State of the art detector for highest safety
- Detection by combination of smoke and heat
- Nuisance alarms reduced by up to 46% by using Advanced mode:
  - Variable sensitivity and time delay based on smoke and temperature changes just before and after fire alarm level has been reached.
  - A learning function will ensure that the most suitable fire alarm algorithm is always used.
  - High-tech mesh net prevents dust and insects to enter the detection chamber
  - Automatic service signal to minimise maintenance costs

Type numbers

4400: Analoge multi detector

ANALOG PHOTOELECTRIC SMOKE DETECTOR 4401

Features

- State of the art detector for highest safety
- Nuisance alarms reduced by up to 46% by using Advanced mode:
  - Variable sensitivity and time delay based on smoke changes just before and after fire alarm level has been reached.
  - A learning function will ensure that the most suitable fire alarm algorithm is always used
  - High-tech mesh net prevents dust and insects to enter the detection chamber
  - Automatic service signal to minimise maintenance cost

Type numbers

4401: Analog photoelectric smoke detector

ANALOG MULTI DETECTOR WITH CO 4402

Features

- State of the art detector for highest safety
- Detection by heat, heat and smoke, or smoke and CO
- Distinguished between a real fire and nuisance alarm with highest security available
- Ideal for environments with non-fire smoke, for example theaters, discotheques and oil-mist
- High-tech mesh net prevents dust and insects to enter the detection chamber
- Automatic service signal to minimise maintenance cost

Type numbers

4402: Analog multi detector with CO

ADDRESSABLE SOUNDER BASE 3379

Features

- For installation where an alarm device is required in the same room as a detector
- Three different sound or priority levels
- Connected directly on the COM loop
- Programmable for any kind of trigger condition

Type numbers

3379: Addressable sounder base

ANALOG HEAT DETECTOR 3308

Features

- State of the art detector for highest safety
- Algorithms for classes A1, A2S, and BS included
- Selections via EBLWin
- Possible to have both regular and alternative algorithms for highest security without nuisance alarms

Type numbers

3308: Analog heat detector

ENCLOSED ANALOG HEAT DETECTOR 3309

Features

- State of the art detector for highest safety
- Algorithms for classes A1, A2S, and BS included
- Selection via EBLWin
- Waterproof - IP67
- Possible to have both regular and alternative algorithms for highest security without nuisance alarms
- Connectors for external indicator

Type numbers

3309: Enclosed analog heat detector

FIRE ALARM SYSTEMS
ANALOG / ADDRESSABLE DETECTORS

WIRELESS PHOTOELECTRIC SMOKE DETECTOR 4611

Features
- Ideal in buildings where it is difficult to hide cables and where extensions are required
- Built-in sounder
- Up to 170 m transmission range (open air) and 6 years battery life
- Highly flexibility: Up to 256 wireless detectors per c.i.e.

Type numbers
4611: Wireless photoelectric smoke detector

WIRELESS MANUAL CALL POINT 4614

Features
- Ideal in buildings where it is difficult to hide cables and where extensions are required
- Up to 170 m transmission range (open air) and 6 years battery life
- Highly flexibility: Up to 4 base stations on each COM loop and up to 16 wireless units on each base station

Type numbers
4614: Wireless manual call point

ADDRESSABLE BASE STATION FOR WIRELESS UNITS 4620

Features
- Ideal in buildings where it is difficult to hide cables and where extensions are required
- Up to 170 m transmission range (open air)
- Highly flexibility: Up to 4 base stations on each COM loop and up to 16 ireless units on each base stations
- Built-in short circuit isolator
- The base station has two built-in antennas

Type numbers
4620: Addressable Base Station for wireless units

WIRELESS SNIFFER 4613

Features
- Highly recommended as a help during planning, installation, and commissioning of the wireless system
- Checks the background noise
- Checks the signals between a base station and its wireless units
- Verifies that the standard EN54-25 is fulfilled

Type numbers
4613: Wireless sniffer

UNITS FOR HAZARDOUS (EX) AREAS - ANALOG DETECTORS

INTRINSICALLY SAFE (IS) ANALOG PHOTOELECTRIC SMOKE DETECTOR 2840

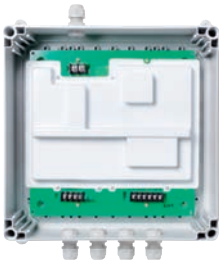
Features

- Addressable intrinsically safe optical smoke detector for fire detection in hazardous areas
- Up to 20 detectors can be connected to each IS barrier unit
- Six advanced alarm algorithms available
-

INTRINSICALLY SAFE (IS) ANALOG HEAT DETECTOR 2841

Features

- Addressable intrinsically safe heat detector for fire detection in hazardous areas
- IP66/67 for outdoor use or in humid areas
- Up to 20 detectors can be connected to each IS barrier unit
- Three standard heat detection algorithms available



INTRINSICALLY SAFE (IS) BARRIER UNIT 2842

Features

- Barreir unit for addressable intrinsically safe fire detectors in hazardous areas
- Barrier unit connects directly on the loop and is mounted outside Ex area
- Up to 20 detectors can be connected to each IS barrier unit
- IP66/67 for outdoor use or in humid areas

2840: Intrinsically safe Analog photoelectric smoke detector

2841: Intrinsically safe Analog heat detector

2842: Intrinsically safe Barrier unit (including five compression glands)

2843: Intrinsically safe back-box for 2840 and 2841. Including two compression glands.

FIRE ALARM SYSTEMS
ANALOG / ADDRESSABLE ASPIRATING DETECTORS

ASPECT ADDRESSABLE - GRIZZLE DETECTOR
AE2010G-P

Features
- Extremely reliable in humid and dusty environments
- Self calibrating without any need for manual adjustments
- Up to 200 meter pipe length, easily dimensioned with the help of a PC program
- Installation and monitoring by smartphone app
- Constant and high sensitivity - Class B

Type numbers
AE2010G-P: Aspect Addressable-Grizzle

VULCAN CYCLONE FILTER VF 250 com

Features
- Installed before ASPECT to remove both dust and condensation from the sampled air before it enters the detection chamber
- Used in rooms with extreme amounts of dust

Type numbers
VF 250 com: Vulcan cyclone filter

THUB - MOUNTING CONSOLE

Features

- Avoid dirt into detector during building phase
- Pre-install the pipeline
- Easily snap-on ASPECT when pipeine installation is ready
- Built-in water reservoir (2cl) with automatic heating to evaporate the water

Type numbers

THUB: Mounting console

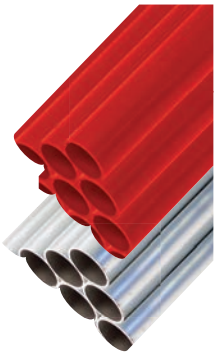
ELOCLEAN

Features

- Used for easy and safe cleaning of aspiration pipes by air pressure
- ELOCLEAN is intended for installations with extremely dusty environments.
- The cleaning process automatically runs every seven days
- The process can also be started manually

Type numbers

ELOCLEAN: Cleaning of aspiration pipes



PIPES

Features

- An internal Ra value of 1.6 contributes to avoide buildup of dust in the pipeline, and to ensuring optimal functionality with respect to transportation of smoke
- No glue is needed, as the socket is conical and supplied with a sealing agent inside.

Type numbers

PL 252P/253P: Plastic pipes 13 pieces x 4 meters

AL 250: Aluminium pipe 4 meters

SK 252/253: Socket with a pre-glued inside for simple and fast mounting of the pipes

BE 252/253: 90°, bend with a pre-glued inside for simple and fast mounting

ELOCUT

Features

- The pipes are delivered in 4 m segments that may be cut to length where needed to minimise waste. To ensure clean cuts with no burrs, use the ELOCUT cutting tool.

Type numbers

ELOCUT: Pipe cutter

EXHAUST KIT AU002

Features

- For leading exhaust air back into rooms to balance the air pressure
- Reduces noise from the detector fan down to 45dB
- Used in rooms with very high amount of dust

Type numbers

AU002: Exhaust kit

SNIFFER SN 258 M

Features

- Sniffers are the extended arms of the pipeline, able to be streched through ceilings from church lofts and such. This way, the pipeline may be hidden, and the system appears as virtually invisible.
- A outer steel screen to protect from mice and other pets.

Type numbers

SN258 M: Sniffer 0.75 meter sampling point. With outer steel screen

SN253 P: Sniffer 3 meter sampling point

FIRE ALARM SYSTEMS
CONVENTIONAL DETECTORS / UNITS FOR ZONE LINE INPUTS

COMBINATION HEAT DETECTOR 4318

Features

- State of the art combination heat detector
- Both fixed temperature and rate-of-rise function Class A1R

Type numbers

4318: Combination heat detector, class A1 R

PHOTOELECTRIC SMOKE DETECTOR 4452

Features

- State of the art detector for highest safety
- Nuisance alarms reduced by up to 46% by using variable sensitivity and time delay based on smoke changes just before and after fire alarm level has been reached
- A learning function will ensure that the most suitable fire alarm algorithm is always used
- High-tech mesh net prevents dust and insects to enter the detection chamber

Type numbers

4452: Photoelectric smoke detector

BASE 2324

Features

- Common base for conventional detectors
- Screw terminals for easy installation of any cable type
- External indicator (LED) can be connected to the base
- Built-in LED that is activated when the detector goes into alarm stage

Type numbers

2324: Base (for conventional detectors)

FIRE ALARM SYSTEMS
CONVENTIONAL DETECTORS / UNITS FOR HAZARDOUS AREAS

INTRINSICALLY SAFE MANUAL CALL POINT 2814

Type numbers

2814 MCP1A-R470SGIS: Intrinsically safe manual call point (incl back-box and transparent protection flap)

UNITS FOR HAZARDOUS (EX) AREAS - CONVENTIONAL DETECTORS

Features

- The intrinsically safe manual call point is connected to a Galvanic isolator (2820)
- The Galvanic isolator (2820) can be connected to a conventional zone line input or to an I/O unit 3361 connected to a COM loop

Type numbers

2822: Isolated zone interface (including waterproof box and four compression glands)

2820 MTL5061: Galvanic isolator (including waterproof box and four compression glands)

ENCLOSED HEAT DETECTOR 6295, 6296, 6297, 6298

Features

- State of the art detector for highest safety
- IP67 for outdoor use or in humid areas
- High temperature range for difficult environments
- Fixed alarm temperatures (60/80/100/120°C)
- Intrinsically safe for hazardous areas with ambient temperatures up to 65°C

Type numbers

6295: Enclosed heat detector, class A2 S

6296: Enclosed heat detector, class B S

6297: Enclosed heat detector, class C S

6298: Enclosed heat detector, class E S

FIRE ALARM SYSTEMS
ADDRESSABLE COM LOOP UNITS

ADDRESSABLE MANUAL CALL POINT WITH ISOLATOR 4433

Features

- Built-in short circuit isolator
- Attractive design compliant with EN54-11
- Test key for routine testing without breaking the glass element
- Protection against accidental operation

Type numbers

4433: Addressable manual call point with isolator

2347: Replacement glass (10 pcs.)

2348: Replacement polycarbonate cover (10 pcs.)

ADDRESSABLE MANUAL CALL POINT 4439

Features

- Built-in short circuit isolator
- Attractive design compliant with EN54-11.
- IP rating IP66
- Test key for routine testing without breaking the glass element
- Protection against accidental operation

Type numbers

4439: Addressable manual call point

2347: Replacement glass (10 pcs.)

2348: Replacement polycarbonate cover (10 pcs.)

I/O UNIT WITH ISOLATOR 4461

Features

- Built-in isolator
- One Zone line input
- One monitored input
- One Optocoupler input
- Two Relay outputs
- IP65 housing

Type numbers

4461: I/O unit with isolator

DUAL INPUT UNIT WITH ISOLATOR 4462

Features

- Built-in isolator
- Two monitored input
- IP65 housing

Type numbers

4462: Dual input unit with isolator

EXTERNAL POWER SUPPLY 4466

Features

- Monitored for mains, charging, and communication errors
- Space for two expansion boards of type 4464 and 4585
- Built in short circuit isolator
- Automatically 4 A output at fire alarm
- Space for 7.2 Ah batteries inside housing
- Up to 42 Ah in external battery cabinet (5014)

Type numbers

4466: External power supply

5014: Cabinet for batteries

4464: 2 voltage outputs board

4585: COM-loop repeater

COM-LOOP REPEATER 4585

Features

- One new 350mA loop per expansion board
- To be mounted in external power supply 4466
- Supports auto-addressing
- Up to 16 extra COM loop per control unit
- Up to 1100 m long extra loop

2 VOLTAGE OUTPUTS BOARD 4464

Features

- Expansion board for external power supply
- To be mounted in external power supply 4466
- Supports auto-addressing
- 2 monitored voltage outputs (2 A each)
- 1 special voltage output for fire door closing
- 1 generic input

FIRE ALARM SYSTEMS
ADDRESSABLE COM LOOP UNITS - ALARM DEVICES

ADDRESSABLE WALL VAD WITH ISOLATOR 4480

Features
- Built-in short circuit isolator
- Flash rate 0.5 Hz or 1 Hz
- Coverage 2.4 x 5 x 5 meters
- Connected directly on the COM loop
- Available in red or white

Type numbers
4480: Addressable wall VAD with isolator

ADDRESSABLE CEILING VAD WITH ISOLATOR 4481

Features
- Built-in short circuit isolator
- Flash rate 0.5 Hz or 1 Hz
- Coverage 3 x Ø7.3 meters
- Connected directly on the COM loop
- Available in red or white

Type numbers
4481: Addressable ceiling VAD with isolator

ADDRESSABLE VAD WITH SIREN AND ISOLATOR 4482

Features
- Built-in short circuit isolator
- Flash rate 0.5 Hz or 1 Hz
- Coverage 2.4 x 5 x 5 meters
- High sound output but low current consumption
- Seven different tones and three priority levels
- Connected directly on the COM loop
- Available in red or white

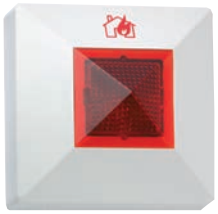
Type numbers
4482: Addressable VAD with siren and isolator

ADDRESSABLE SIREN WITH ISOLATOR 4487

Features
- Built-in short circuit isolator
- High sound output but low current consumption
- Seven different tones and three priority levels
- Connected directly on the COM loop
- Available in red or white

Type numbers
4487: Addressable siren with isolator

FIRE ALARM SYSTEMS
DETECTOR - ACCESSORIES



EXTERNAL INDICATOR (LED) 2218

Features

- Selectable light intensity makes it ideal for both analog and conventional detectors
- Low power consumption
- For wall or flush mounting

Type numbers

2218: External indicator (LED)

ADDRESSABLE LOCAL ALARM ACKNOWLEDGE UNIT 4445

Features

- Eliminates unnecessary alarms in the system and to the fire brigade
- Suitable for apartments or similar locations
- Installed together with a smoke detector and a sounder base or a wireless detector
- If the detector goes into alarm the sounder is activated and the LED is lit. The user pushes the green button within 30 seconds (configurable) and then gets 3 minutes (configurable) to ventilate the smoke from the room

Type numbers

4445: Addressable local alarm acknowledge unit

LIGHT INDICATOR 4383

Features

- The indicator is used as a complement to audible alarm devices
- No cabeling required
- Light is visible 360°
- One External Indicator (LED) can be connected to the base
- Programmable for any kind of trigger condition

Type numbers

4383: Light indicator

FIRE ALARM SYSTEMS
DETECTOR - ACCESSORIES

LABEL HOLDER 3390

Type numbers

3390: Label holder (100 holders per packet, excluding labels)

3391: Labels for 3390 (10 sheets à 132 labels)

DUCT DETECTOR CHAMBER UG-4 6377

Features

- One-pipe air sampling system Uniguard Superflow
- Patented veturi pipe and duct housing
- Easy service and maintenance
- Test hole in cover
- the venturi pipes are available in 3 lengths; 0.6, 1.5, and 2.8 meter

Type numbers

6377: UG-4 duct detector chamber - incl standrd mounting accessories

6380-06: UG-4 pipe 0.6 m

6380-15: UG-4 pipe 1.5 m - incl plastic end gasket and rubber gasket TET 26-35

6380-28: UG-4 pipe 2.8 m - incl plastic end gasket and rubber gasket TET 26-35

6381-06 1: UG-4 pipe 0.6 m with built in fan (Ext 24 V AC reguired)

6381-15 1: UG-4 pipe 1.5 m with built in fan - incl plastic end gasket and rubber gasket TET 26-35 (Ext 24 V AC reguired)

6381-28 1: UG-4 pipe 2.8 m with built in fan - incl plastic end gasket and rubber gasket TET 26-35 (Ext 24 V AC reguired)

6382 1: UG-4 bracket

6384: UG-4 filter (10 pieces)

6385: UG-4 rubber gasket TET 26-35 (spare part)

1) The UG-4 bracket 6382 is required for the mounting of 6377 when a pipe with fan (6381-xx) is used

FIRE ALARM SYSTEMS
ISOLATOR DETECTOR SERIES

ANALOG MULTI DETECTOR WITH ISOLATOR 4400I

Features

- State of the art detector for highest safety
- Detection by combination of smoke and heat
- Built-in short circuit isolator
- Nuisance alarms reduced by up to 46% by using AI
- A learning function will ensure that the most suitable fire alarm algorithm is always used
- Installation date and automatic service signal

Type numbers

4400I: Analog multidetector with isolator

ADDRESSABLE SOUNDER BASE 4479

Features

- 3-terminal sounder base for isolator detector
- 7 tones, 90 dB
- Low power mode 84 dB at 1.5 mA in active mode
- Fast connectors for quickest installation available
- Connector for loop, shield, and extra cable pair (e.g 24 V)
- Cable entry from top or side

Type numbers

4479: Addressable sounder base

4489: Ingress protection

BASE FOR ISOLATOR DETECTOR 4412F

Features

- 3-terminal base for isolator detector
- Fast connectors for quickest installation available
- Connector for shield
- Connector for extra cable pair (e.g 24 V)
- Cable entry from top or side
- Recess for label holder

Type numbers

4412F: Base for isolator detector

ADRESSABLE EXTERNAL INDICATOR 4418

Features

- Connects to loop
- Advanced mode - Control expression
- Normal mode - Mirrors detector LED
- For wall or flush mounting
- Low power consumption

Type numbers

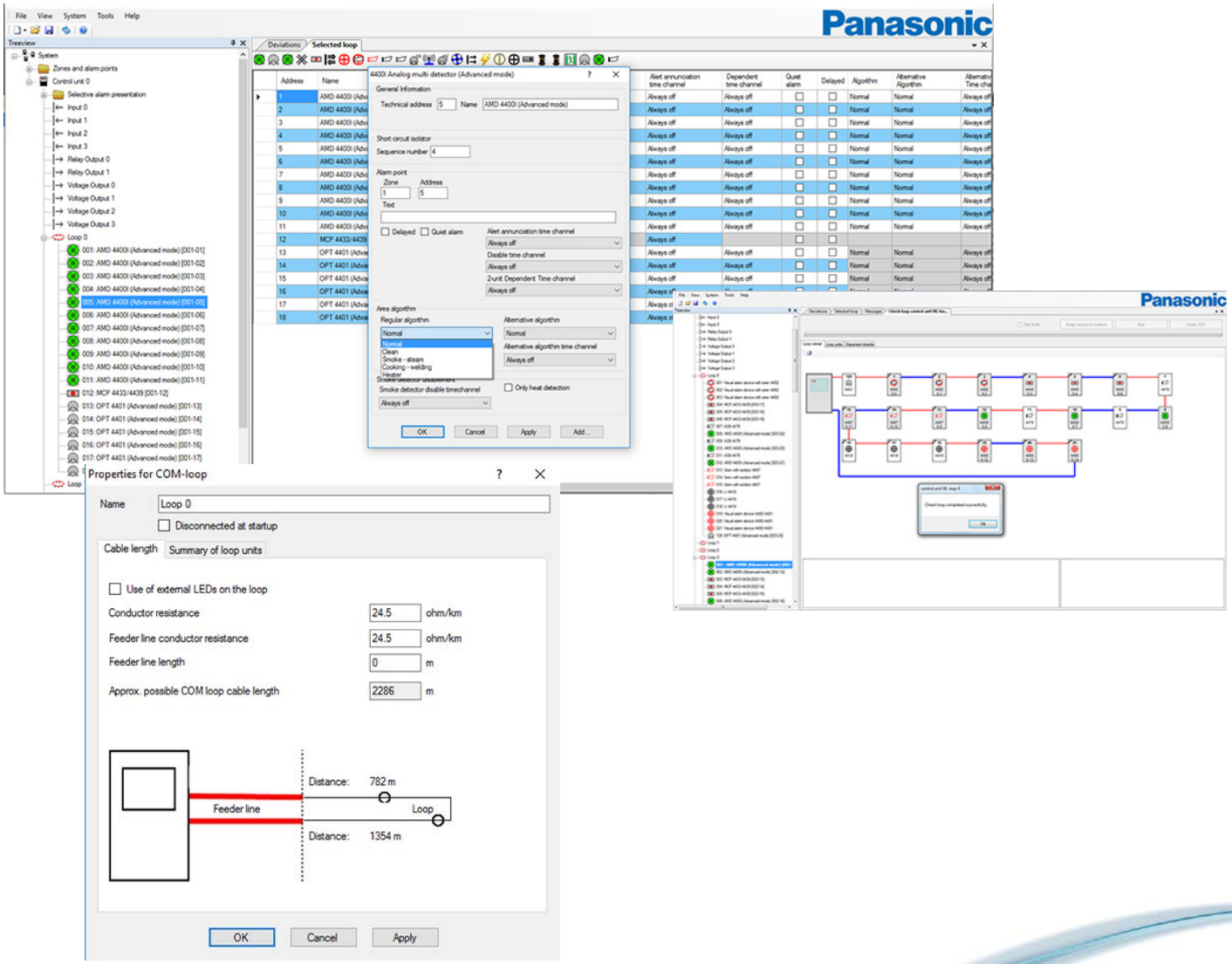
4418: Addressable external indicator (LED)

PLANNING, COMMISSIONING, AND INSTALLATION TOOL EBLWin

Modern fire alarm systems are very complex and versatile. To get the optimal performance in the most effective way Panasonic provides EBLWin - a powerful and very easy to use Windows based PC tool for planning, commissioning, and maintenance of both the systems EBL512 G3 and EBL128.

Regardless if you prefer to do all the planning and programming at the office and just download to the system on site, or if you prefer to go onsite and create all the Site Specific Data (SSD) with the help of auto addressing, EBLWin supports both ways of working.

EBLWin's auto addressing function is one of the most powerful and yet easiest to handle. It can be applied on new installations, extensions of existing systems or used when replacing detectors. Simply connect to the fire alarm system and let the SW guide you thru the complete process.



FIRE ALARM SYSTEMS
WEB-SERVER APPLICATIONS

WEB-SERVER II 1598

Features

- Remote presentation of actual EBL status via browser
- Remote operation of an EBL system via encrypted 2-way communication
- Automatically generated e-mail at predetermined events; fire alarm, service signal, fault etc
- Works at gateway to security- and buildng management
- Mounted on the dedicated DIN rail inside c.i.e

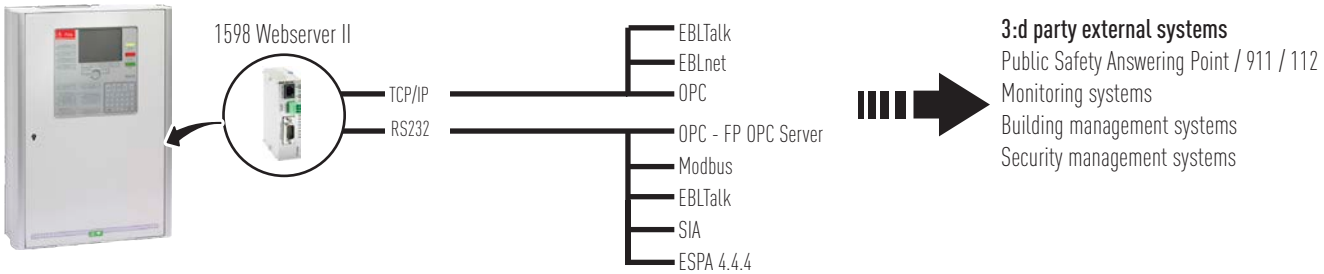
Type numbers

1598: Web-server II

- Remote monitoring over TCP/IP using WEB interface
- Full control of the c.i.e remotely
- Easy access to the web interface of the IP cameras
- Interoperability with other systems like:
  - Security Management systems
  - CCVE solutions
  - Several drivers and protocols (EBLnet, EBLtalk, Modbus, OPC server) for easy integration

WEB-SERVER AS GATEWAY

Use the Web-server as a gateway to a separate system. Transmit and present information in building management and security systems.



EBLWEB

EBLWeb will present the current status of the EBL-system remotely, i.e. showing current alarms, faults, disablement, and other deviations corresponding to the EBL CU.
It is possible to check the area with a linked camera.

EBL GRAPHICS

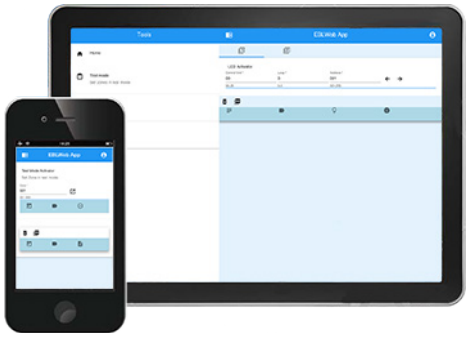
Features

- Monitors a complete EBL system
- Report fire alarm, faults, or other deviations
- Possibility to reset fire alarms and acknowledge faults
- Possibility to disable / re-eanble single alarm points or zones graphically
- Easy configuration with EBL Graphic Designer
- Supports hierarchial drawing image handling so that the user may monitor the systems on detailed drawings
- Inspect the monitored area with a linked network camera

EBL WEB MONITOR

Features

- Monitors several EBLWebs at the same time
- Report fire alarm, faults, or other deviations
- Easy configuration with EBL Monitor Tool
- Opens a website to a specific EBLWeb
- Supports map image handling, so that the user may position the fire alarm systems on a user specified map
- Adapted for usage on PC or tablet



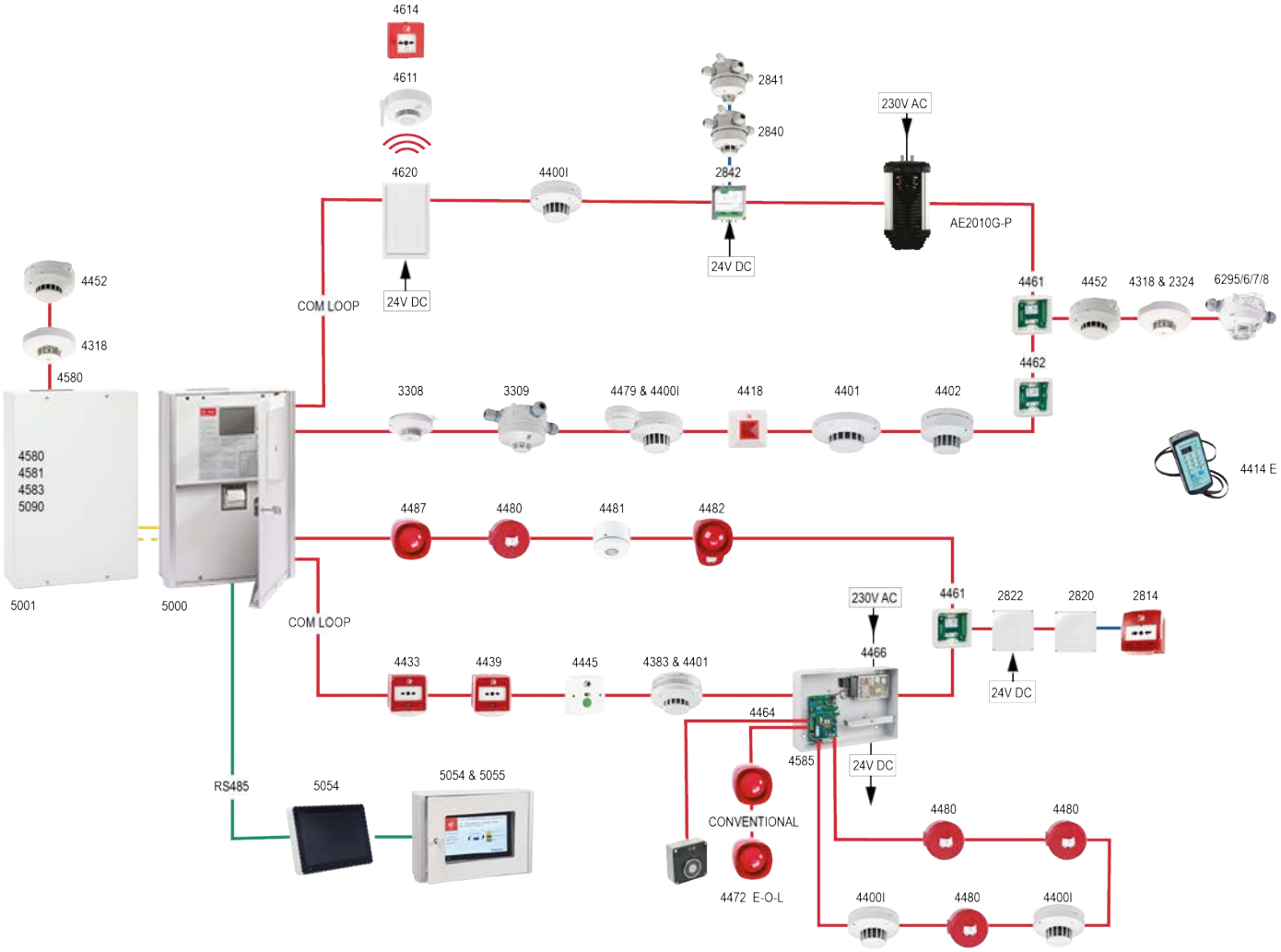
EBLWEB APP

Features

- Set a zone in test mode, test the detectors and get a signed report
- Verify the function of all individual outputs in the system
- Test alarm devices
- Activate detector LED to simplify commissioning

EBL512 G3 FOR LARGER FIRE ALARM SYSTEMS

System overview:



Panasonic fire alarm systems are designed to accomodate both stand alone and large system requirements using different control and indicating units (C.I.E) called control panels. Growing up from a stand alone installation with the EBL512 G3 up to 30,600 devices can be connected through 30 control panels with 4 detector loops each.

Panasonic

Panasonic has been successfully tested to the highest standards, ensuring high quality and reliable fire alarm solutions.

To discover more visit www.panasonic-fire-security.com

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