



Comelit-PAC – Fire

Highdown School FIRE

18-03-2026 REVISION 1

FIRE | FIRE PANEL

Logifire 1-4 Loop Addressable Fire Panel 41CPE118



CHARACTERISTICS, FEATURES & FUNCTIONS

- The LOGIFIRE series 41CPE118 addressable fire panel is supplied as standard with 1 Loop.
- Can be expanded to 4 using 3 x 41ECL220 boards, and up to a maximum of 8 Loops with the addition of metal cabinet (4 Loops, 1 as standard) Art. 41CPE104.
- Up to 250 addressed devices (detectors, buttons, I/O modules, sirens etc.), divided into a maximum of 200 zones in total, can be connected to each loop.
- The control panel features a dual microprocessor and 14A power supply unit with 12 V output for battery.
- Has 200 LEDs on the front panel for zone status repetition.
- Fire alarm, Pre-alarm, Fault, CPU Fault, Delayed Alarm, Exclusions, Test, Network Present general indications.
- Option of integration in monitoring systems with Modbus TCP/IP protocol.
- Compatible with LOGIFIRE Redundancy Network through the use of art. 41ECB000.
- The control panel has a strong metal container (430x330x150 mm) with the same dimensions as all the Comelit LOGIFIRE series fire panels and boxes, so as to guarantee optimum modularity and pairing during installation.
- It displays all indications and commands on the front in compliance with the requirements set out by standard EN54-2, by means of LED light signals and the 7" resistive touch screen colour display.
- Approved to EN 54-2, EN 54-4 and EN54-13.

DIMENSIONS

W430 x H330 x D150 mm

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41cpe118>

FIRE | FIRE PANEL

Logifire Easy 1-2 Loop Addressable Fire Panel 41CPE112



CHARACTERISTICS, FEATURES & FUNCTIONS

- LOGIFIRE EASY addressable fire panel is supplied as standard with 1 Loop, which can be expanded to 2 using board 41ECL022. Up to 250 addressed devices (detectors, buttons, I/O modules, sirens etc.), divided into a maximum of 48 zones in total, can be connected to each loop.
- The control panel has a 5A power supply unit with 12 V output for battery.
- It has a strong metal container (430x330x150 mm) with the same dimensions as all the new Comelit LOGIFIRE series control panels, so as to guarantee optimum modularity and side-by-side pairing of the boxes during installation.
- All indications and commands are displayed on the front in compliance with the requirements set out by standard EN54-2, by means of LED indications and the alphanumeric LCD display with 4 rows of 40 characters.
- Fire alarm, Fault, CPU Fault, Delayed Alarm, Exclusions, Test, Faulty/Excluded Siren, Confirm Fire Alarm, Faulty/Excluded Alarm Output, Extinguishing Started, Extinction Fault, Network Present, Alarm Silenced general indications.
- Direct commands for Silence buzzer, Silence siren, Reset, Evacuation, Signalling test.
- 4 menu navigation keys.
- Approved to EN 54-2 and EN 54-4, conforms to EN54-13.

DIMENSIONS

W430 x H330 x D150 mm

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41cpe112>

FIRE | LOOP CARD

Loop Card for Addressable Fire Panel 41ECL022



CHARACTERISTICS, FEATURES & FUNCTIONS

- Maximum number of devices that can be connected: 250. Maximum current consumption: 500 mA.
- Cable cross section: 0.4 - 2.0 mm².
- Operating temperature -10°C / +65 °C.
- Operating relative humidity: (93 ± 3)% @ 40 °C.

DIMENSIONS

W75 x H80 mm

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41ec1022>

FIRE | DETECTOR

Addressable Optical Smoke Detector 41RFU100



CHARACTERISTICS, FEATURES & FUNCTIONS

- The LOGIFIRE series 41RFU100 detector is an optical Tyndall-effect smoke detector with a built-in isolator.
- The digital signal processing algorithms make it particularly sensitive to detecting smoke, even in the early stages of a fire breaking out.
- Microprocessor-controlled digital signal analysis.
- Contamination level auto-compensation and maintenance indication.
- Programmable sensitivity across three levels.
- Quick cleaning of the sensor chamber thanks to the intuitive disconnection of the components.
- Evolved design suitable for any type of installation, even in the most aesthetically demanding situations.
- High-visibility light indications. Automatic addressing or with programmer.
- Approved to EN 54-7 and EN 54-17.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41rfu100>

FIRE | DETECTOR

Addressable Heat Detector 41RCS100



CHARACTERISTICS, FEATURES & FUNCTIONS

- Programmable multifunctional heat detector with a built-in isolator.
- It can detect temperatures over a fixed threshold or rapid changes in temperature ("rate of rise") as set out by standard EN 54-5. It can be programmed to operate in compliance with classes A1/R*, A2/S* and B/S.
- Microprocessor-controlled digital signal analysis.
- Quick cleaning of the sensor chamber thanks to the intuitive disconnection of the components.
- Evolved design suitable for any type of installation, even in the most aesthetically demanding situations.
- High-visibility light indications.
- Automatic addressing or with programmer. Programmable operating classes: A1/R, A2/S, B/S.
- Approved to EN 54-5 and EN 54-17. *Certified classes.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41rcs100>

FIRE | SOUNDER/BEACON

Addressable Indoor Sounder/Beacon on Loop 41SCI000



CHARACTERISTICS, FEATURES & FUNCTIONS

- The 41SCI000 addressed siren with flashing light and built-in isolator, is powered from the loop and is controlled by the control panel by means of the communication protocol.
- The standard base is required for the mounting of 41RBX020 addressed detectors.
- Siren also suitable for outdoor installations when used with IP65-rated base Art. 41BSE000.
- The siren is also fitted with a built-in isolator.
- Approved to EN54-3, EN 54-17, EN 54-23.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41sci000>

FIRE | BASE

Addressable Sounder Base EN54/3 41SAB101**CHARACTERISTICS, FEATURES & FUNCTIONS**

- The 41SAB101 LOGIFIRE series addressed sounder base is a base with built-in sounder.
- A detector can be mounted on it, minimising the space required for installation.
- It is powered directly from the control panel and is controlled via communication protocol, features 32 different tones and 2 sound levels which can be programmed from the control panel. Sounder base with a revised design suitable for any type of installation, even the most aesthetically demanding cases.
- Family feeling with all the sensors in the new Comelit LOGIFIRE series.
- Mounting on 41RBX020 base or on base with flash EN54-23 41VAD100. Built-in isolator. Certification according to EN54-3 and EN54-17.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41sab101>

FIRE | BASE

Addressable Sounder/Beacon Base EN54/3 41SCB101**CHARACTERISTICS, FEATURES & FUNCTIONS**

- The LOGIFIRE series 41SCB101 addressed base is a base with built-in siren and flashing light.
- A sensor can be mounted directly on it, thereby reducing the installation space required.
- Powered directly by the control panel and controlled by means of communication protocol, it integrates 32 different tones with 2 sound levels that can be programmed from the control panel and a red flashing light.
- Sound base with an evolved design, suitable for any type of installation, even in the most aesthetically demanding situations.
- Family feeling with all sensors in the new LOGIFIRE series by Comelit. Built-in isolator.
- Approved to EN54-3 and EN54-17.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41scb101>

FIRE | BASE

Standard Addressable Base 41RBX020



CHARACTERISTICS, FEATURES & FUNCTIONS

- The standard base for addressable detectors has a low-profile design and an extremely reliable sensor connection system that provides a secure fixing for the detector.
- Maximum cable cross-section: 3.0 mm².
- Operating temperature -10 °C / +60 °C.
- Operating relative humidity: (93 ± 3)% @ 40°C.
- Dimensions: 103x14.7 mm.
- Weight: 15 g.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41rbx020>

FIRE | BASE

VAD Sounder/Strobe Base K41VAD100L



CHARACTERISTICS, FEATURES & FUNCTIONS

- Kit consisting of low-profile base with visual indication certified to EN54-23 (41VAD100) and audible indication device certified to EN54-3 (41SAB101), for indoor use and ceiling-mounted.
- With the same features as base 41RBX020, base 41VAD100 incorporates 3 white flashing lights arranged uniformly so as to guarantee 360° visibility.
- Maximum absorption with flash and high volume < 29 mA.
- Total diameter: 160 mm.
- White RAL 9016.
- Material: ABS.
- Certification according to EN54-3, EN54-17 and EN54-23.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/k41vad100l>

FIRE | BASE

IP65 Base for Addressable Sirens 41BSE000



CHARACTERISTICS, FEATURES & FUNCTIONS

- Base IP65 for addressable sounders 41SAI000 and 41SCI000 with cable glands included.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41bse000>

FIRE | INDICATOR

Remote LED Indicator 48FPT100



CHARACTERISTICS, FEATURES & FUNCTIONS

- The 48FPT100 remote LED repeater replicates the status of detectors in alarm mode.
- Compatible with the bases and detectors that support this function.
- Evolved design to guarantee an optimal solution for any type of installation, even in the most aesthetically demanding situations.
- Family feeling with the entire new range of LOGIFIRE sensors.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/48fpt100>

FIRE | SOUNDER

Addressable Sounder 41SAI000



CHARACTERISTICS, FEATURES & FUNCTIONS

- The 41SAI000 addressed siren, with built-in isolator, is powered from the loop and is controlled by the control panel by means of the communication protocol.
- The standard base is required for the mounting of 41RBX020 addressed detectors.
- Siren also suitable for outdoor installations when used with IP65-rated base Art. 41BSE000.
- The siren is also fitted with a built-in isolator.
- Approved to EN 54-3 and EN 54-17.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41sai000>

FIRE | MCP

Addressable Manual Call Point 41PAM000



CHARACTERISTICS, FEATURES & FUNCTIONS

- Addressable manual call point with built-in isolator.
- The button is equipped with a resettable special plastic key element (supplied) and sends an alarm signal to the control panel when it is activated by pressing the indicated point.
- It is equipped with an LED for signalling the alarm or test status.
- Wall mounting. Red ABS container.
- Approved to EN 54-11 and EN 54-17.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41pam000>

FIRE | MCP

Plastic Cover for Manual Call Point (set of 5) 43PAT000



CHARACTERISTICS, FEATURES & FUNCTIONS

- Set consisting of 5 protective covers in transparent plastic material, for button models 41PAM000, 43PAM000, 43PAE020, 41PAE020 and 45PAM100.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/43pat000>

FIRE | MCP

Addressable Manual Call Point IP67 41PAE020



CHARACTERISTICS, FEATURES & FUNCTIONS

- Resettable
- W114/H114/D80

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41pae020>

FIRE | I/O MODULE

Addressable I/O Module 2 Inputs + 2 Relays 41IOM022XL



CHARACTERISTICS, FEATURES & FUNCTIONS

- Addressable module 41IOM022XL, with integrated on-board isolator, controls two balanced inputs and two relay outputs.
- It is powered from the loop and is controlled by the control panel by means of the communication protocol.
- This module is supplied in a plastic white container with black transparent cover, suitable for surface mounting with increased dimensions to make input and output wiring easier.
- IP65 protection rating.
- Approved to EN54-17 and EN 54-18.

PRODUCT LINK

<https://pro.comelitgroup.com/en-gb/product/41iom022xl>