Panasonic

PANASONIC
ADVANCED
✓
CERTIFICATION

PANASONIC
PROFESSIONAL
✓
CERTIFICATION

EBL training certification program

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Comprehensive learning and certification pathways

Our training program is your gateway to master the installation, programming, commissioning, and maintenance of Panasonic EBL512 G3 and EBLOne fire detection and alarm systems.

This comprehensive and scalable learning journey starts with our **Professional Level** and then progresses to **Advanced Level** for more complex installations. Our **additional training modules** elevate your knowledge in specialised areas according to your needs. Join us to become a certified expert, ready to tackle any challenge and stand out in the fire and security industry.

Two-level
full certification process

Level 1

Level 2

Professional certification

Essential for configuring installations in an EBL512 G3 fire panel (4-loop COM control unit) or EBLOne (1-loop COM control unit). Comprehensive training in installation, programming, commissioning, and maintenance of Panasonic EBL systems.

Advanced certification

Crucial for configuring installations with multiple control units using EBL512 G3 in a networked 5040 multi-master setup. Provides expertise in a networked system with a distributed architecture, with programming of more complex control expressions.

Please note that you cannot start Level 2 Advanced certification without having completed the previous Level 1 Professional certification.

Enhance your skills with our additional courses

Wireless detection system

Obtain the required expertise to install, configure and commission the Panasonic wireless detection system. Level 1 "Professional" certification is required.

Emergency & exit lights system

Get the essential expertise required for the installation, configuration and commissioning of the integrated addressable Panasonic emergency and exit lights system. Level 1 "Professional" certification is required.

Communication Gateway and software

Gain the skills to install, configure, and commission the Gateway 5088, and master Panasonic's software for your EBL system. Level 1 "Professional" certification is required.

Aspirating smoke detection (Aspect)

Master the skills needed to install, configure and commission the Aspect aspirating detection system. Level 1 "Professional" certification is required.

Three learning methods

In-person classes

At our facilities, in-person classes led by skilled Panasonic Fire & Security team give you hands-on learning and direct interaction with experts.

1

Online classes

Online classes with our technical team provides you immediate, live engagement with experts, enriching your learning experience.

2

Self-study material

Learn at your own pace, tailor your learning to your interests and control your study schedule.

3

For more information please contact your sales representative or email us at info.pfseu@eu.panasonic.com

Professional certification

In person class

Max capacity 6 persons

Duration 1-2 days

Evaluation survey

Requirements:

Panasonic customer.

Attendees should bring a laptop computer. Panasonic EBLWin programming software is compatible with Windows 10 and newer.

Level

1

Introduction

❯ Installation of drivers and EBLWin software

Part 1

❯ Overview of the Panasonic system (Also available as self study)

❯ Control unit components and connections

❯ COM Loop Peripherals

❯ Panasonic terminology (Also available as self study)

❯ Device connection in the COM Loop

❯ EBLWin software

❯ Control unit menus

❯ Current consumption

Part 2

❯ Automatic addressing

❯ Manual addressing

❯ COM Loop check for fault identification

❯ Creation of an EBL512 G3 / EBLOne system project

❯ System configuration

❯ Downloading SW to control unit

❯ System functionality check (Troubleshooting)

❯ Documentary support (technical reports and blueprints)

Advanced certification

In person class

**Max capacity
6 persons**

**Duration
1-2 days**

**Evaluation
survey**

Requirements:

Panasonic customer and successful completion of
Level 1 "Professional" certification.

Attendees should bring a laptop computer.
Panasonic EBLWin programming software is
compatible with Windows 10 and newer.

Level
2

Introduction

❯ Level 1 Professional review

Part 1

❯ Advanced System Configuration

❯ EBLRing Network: Overview

❯ 5040 Network Card

❯ Wiring, assembly, and network connections

❯ Configuration of the EBLRing Network

Part 2

❯ Overview of Display Unit 5054:

  ❯ Types of configurations

  ❯ Wiring 5054

  ❯ Configuration 5054 in EBLWin

  ❯ SSD Download

❯ Basic about Gateway 5088 (Setup with wizard, check in
EBLWeb, add system to EBL Cloud)

Additional courses

Panasonic wireless detection system

Objective

Acquire the necessary knowledge to install, configure, and commission the Panasonic wireless detection system.

Content:

› Overview of wireless devices

› Installation and application examples

› Wiring and addressing of base station 4620

› Linking devices to the base station

› Configuration and commissioning

› Use of the Wireless sniffer and the EBLSniffer SW

› Questions and answers

In person class   **Online**

**Duration
2-3 hours**   **Evaluation
survey**

Requirements:
Panasonic customer with EBL system and successful completion of Level 1 "Professional" certification.

Communication Gateway and software

Objective

Acquire the necessary knowledge to install, configure, and commission the communication Gateway 5088.

Content:

› Overview of Gateway 5088

› Wiring for Gateway 5088

› Applications and areas of use (EBLWeb, EBLApp, EBLCloud, system integration)

› Firmware and software download with EBLWin

› Questions and answers

In person class   **Online**

**Duration
2-3 hours**   **Evaluation
survey**

Requirements:
Panasonic customer with EBL system and Gateway and successful completion of Level 1 "Professional" certification.

Emergency and exit lights system

Objective

Acquire the necessary knowledge to install, configure, and commission the Panasonic EMEX emergency and exit lights system.

Content:

› Overview of EMEX devices

› Function and applications

› Parts to order

› Configuration

› Wiring and connections

› Questions and answers

In person class

Online

**Duration
4 hours**

**Evaluation
survey**

Requirements:
Panasonic customer with EMEX system and successful completion of Level 1 "Professional" certification.

Aspirating smoke detection (Aspect)

Objective

Acquire the necessary knowledge to install, configure, and commission the Aspect Detection System.

Content:

› Equipment overview: parts and accessories

› Example applications

› Equipment commissioning with Aspect tool B (Android)

› Fault codes and maintenance instructions

› Design aspiration systems using PipeDraw

› Questions and answers

In person class
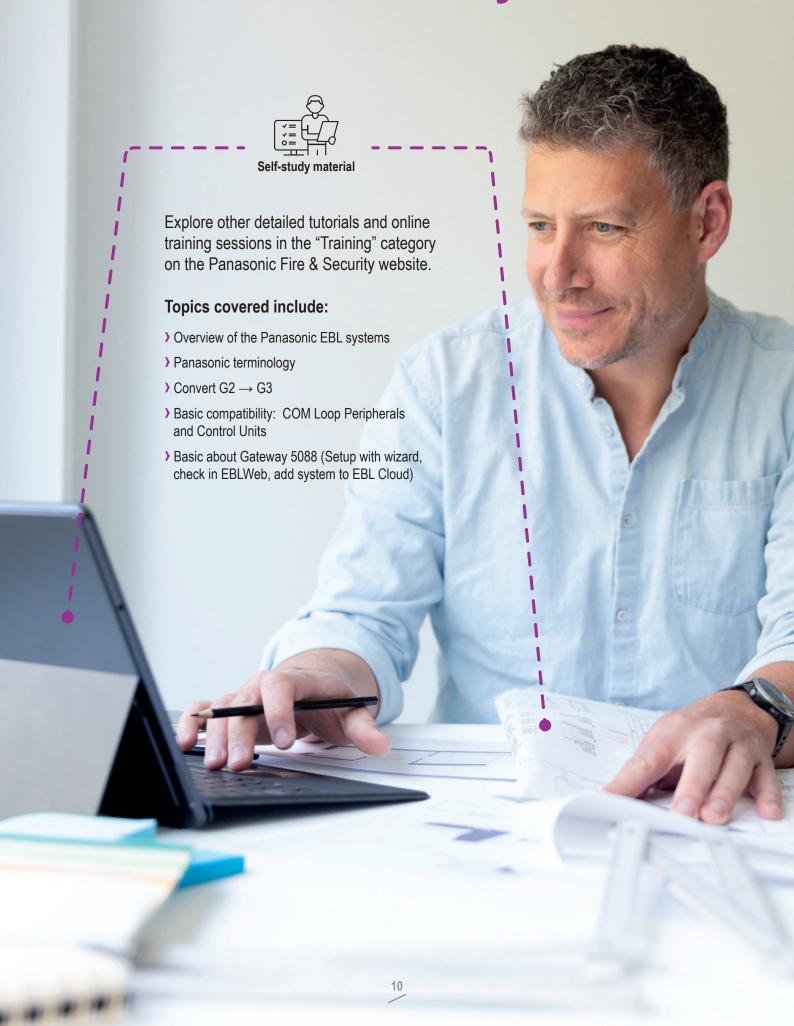
Online

**Duration
4-6 hours**

**Evaluation
survey**

Requirements:
Panasonic customer with Aspect aspiration system and successful completion of Level 1 "Professional" certification.

Additional self-study courses

Self-study material

Explore other detailed tutorials and online training sessions in the "Training" category on the Panasonic Fire & Security website.

Topics covered include:

› Overview of the Panasonic EBL systems

› Panasonic terminology

› Convert G2 → G3

› Basic compatibility: COM Loop Peripherals and Control Units

› Basic about Gateway 5088 (Setup with wizard, check in EBLWeb, add system to EBL Cloud)

Authorized distributor