

EvacGo^{*} Training Programme



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Introduction

Our training courses are essential to helping you support and engineer an evacuation alert system in line with the BS 8629 Code of Practice. We offer our local partners free workshops which cover not only the theory, but also applied exercises and tests. This ensures that on completing our full training programme, you will have good working knowledge of all aspects of our equipment and software packages.

Our training modules are developed to help keep you up to date with the latest products, approvals and industry standards.

Products are hitting the market every day, bringing with them new features, new hardware and software updates – it can be difficult to keep ahead of all the changes. This is why we have developed e-learning modules so you now have an easily accessible and cost-effective way of keeping up to date as changes occur.

Whilst we still recognise the importance of face-to-face product training, our e-learning modules:

- can be accessed anywhere, anytime with an active trainer and live video
- allow on-field workers easy access to training without the time, cost and inconvenience of having to travel to a training centre
- make it easy for you to keep your employees updated on all the latest industry developments, and so gain a simple and easy competitive advantage.

Our e-training modules are built around workshops with a designated trainer and a maximum of 12 delegates.



General Information

During your e-learning session, your trainer will be based in our purpose-built training facility in the UK.

The centre is fully equipped to carry out simulated installation scenarios to help you get practical insight into how our products really work.

Small group sizes per session ensure all participants get the most from the training, with plenty of opportunity to ask questions. UK sessions typically run as follows:

- **Morning sessions** from 09:00 to 12:30 (BST)
- **Afternoon sessions** from 13:00 to 16:30 (BST)

If our open courses don't meet your needs, we can, by prior arrangement, customise courses to suit you. Please note a minimum of six and maximum of 10 participants are needed for customised training.

Training courses are available for the following modules:

Module 1 What Is an Evacuation Alert System? (~ 1 hour)	Module 4 PC-Net Software Configuration (~ 1 hour)
Module 2 System Design and Quote (~ 1 hour)	Module 5 Service and Maintenance (~ 1 hour)
Module 3 Virtual Panel Configuration (~ 1 hour)	

Training modules are built up of short units with an automated question and answer session at the end of each. Upon successful completion of all units and a pass rate of 70% or higher, a certificate will be awarded, proving competency.

	Consultant	Sales Engineer	Project Engineer	Design Engineer	Estimator	Installation Engineer	Commissioning Engineer	Maintenance Engineer	Technical Support Engineer	Facilities Management Team	Trainer
Module 1 Duration ~ 1 hour	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Module 2 Duration ~ 1 hour	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Module 3 Duration ~ 1 hour						✓	✓	✓	✓		✓
Module 4 Duration ~ 1 hour						✓	✓	✓	✓		✓
Module 5 Duration ~ 1 hour		✓	✓	✓		✓	✓	✓	✓		✓

We store all completed training records on a secure internal database.

*Customised courses available upon request.

Our Training Team



Paul Duffy BEng ESDE
Technical Services Manager

Having led Advanced training and technical support since 2002, Paul is responsible for our training programme and our trainers in the UK and around the world.



Mark Taylor
Senior Technical Support Engineer

Mark joined Advanced from Kidde Products in 2006. Specialising in fire alarm CIE, Mark has a wealth of experience from installation through to systems integration.



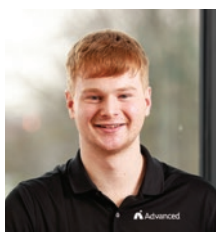
Shaun Scott
Applications Engineer

Shaun joined the technical support team in 2004 having previously worked in manufacturing operations. He has been a trainer since 2008, and as well as providing training on our fire products, Shaun has also helped develop our emergency lighting installation and testing course.



Nick Blackhall
Technical Support

Nick has a degree in Electrical and Electronic Engineering and joined Advanced in 2014. He has been training installers since 2017.



Michael Patterson
Technical Support

Training since 2021, Michael joined the team in 2018. As well as providing training and technical support, Michael has also worked in operations, test engineering and QA.



Ray Julien
Technical Support

Ray transitioned from a military career to Advanced back in 2020. Using transferable engineering skills, Ray initially joined the production team and moved to technical support in 2021.



Chris Jayme
Technical Support

Chris joined Advanced from electronics company Atmel in 2008. He has worked in our special assembly team, where he built, programmed and tested bespoke panels and joined technical support in 2022.



Rhys Melia
Technical Support

Rhys joined Advanced in 2024 as a Field Engineer. He has hands-on experience in technical support, system maintenance, troubleshooting, and problem solving. Additionally, Rhys has significant training and development experience from previous roles, enhancing his technical expertise.



Module 1

What Is an Evacuation Alert System?

Duration

~1 hour.

Content

Extensive product overview presentation.

1.1 Introduction to BS 8629 and product solutions

Overview of BS 8629 Code of Practice

- EACIE (Evacuation Alert Control & Indicating Equipment)
- Wired & wireless solutions.

Equipment required

None.

Goal

You will:

- Learn the operational principles of BS 8629
- Learn about how this COP is to be used for new and existing high-risk residential buildings
- Gain a deep understanding of BS 8629 and system integrity
- Learn about products for wired, wireless and hybrid solutions to meet this new COP
- Help with specification.

Who is this course suitable for?

Consultants, specifiers, designers, installers, sales and purchasing, maintenance, technical support, trainers and facilities managers.



Module 2

System Design and Quote

Duration

~1 hour.

Content

Fundamental product considerations when designing a system to comply with BS 8629.

2.1 Panel/loop options

2.2 Battery/loop calculations

Detailed system architecture breakdown including:

- Panel feature summary
- Our recommended cable types
- Connection options for installation
- Cost-saving benefits.

Equipment required

None.

Goal

You will learn the basics of the:

- Panel structure
- Loop addressing
- Panel capacity
- Loop card and address slot breakdown
- What components to choose when building up a system
- How to calculate loop lengths and battery backup.

Who is this course suitable for?

Consultants, specifiers, designers, installers, sales and purchasing, maintenance, technical support, trainers and facilities managers.



Module 3

Virtual Panel Configuration

Duration

~1 hour.

Content

Virtual tour of the menu structure (levels 1, 2 & 3), and how it can be navigated via the on-board controls via the virtual terminal.

The course covers the logging process of devices, testing devices and the faults that may occur during installation and maintenance.

Hands-on demonstration/programming of the following:

3.1 User logon, adding/removing devices, common faults and fault finding, including Lx-Terminal (virtual panel display):

- 1) User logon
- 2) Adding/removing/addressing devices (also wireless if requested)
- 3) Earth faults.

Unit followed by a 10-minute multiple choice test contributing towards the certification scheme.

3.2 Device settings and test modes:

- 1) Programming via panel facia (text changes, sensitivity etc.)
- 2) Test mode and LxLogger reporting
 - a. Live test demos
 - b. Local terminal event log download.

Questions and answers.

Equipment required

None.

Goal

You will learn:

- The basics of panel operation
- Fault finding
- Manually adding/removing devices
- Test procedures
- Test group configuration
- Manual testing
- Device integrity check.

Who is this course suitable for?

Installation, commissioning, maintenance and technical support engineers; facilities managers and trainers.



Module 4

PC-Net Software Configuration

Duration

~1 hour.

Content

This short course covers the PC-NET-003 specific requirements for quick and easy PC configuration. Hands-on demonstration/programming of the following:

4.1 Software overview of menu structure

4.2 Upload/download and text config

4.3 Basic PC configuration

Product overview presentation of configuration software.

A guide to our PC software, including:

- 1) Software overview
- 2) Configuring PBus, device text and sounder output groups
- 3) Upload/download
- 4) Design check

Equipment required

Laptop/PC running the latest in Microsoft Windows.

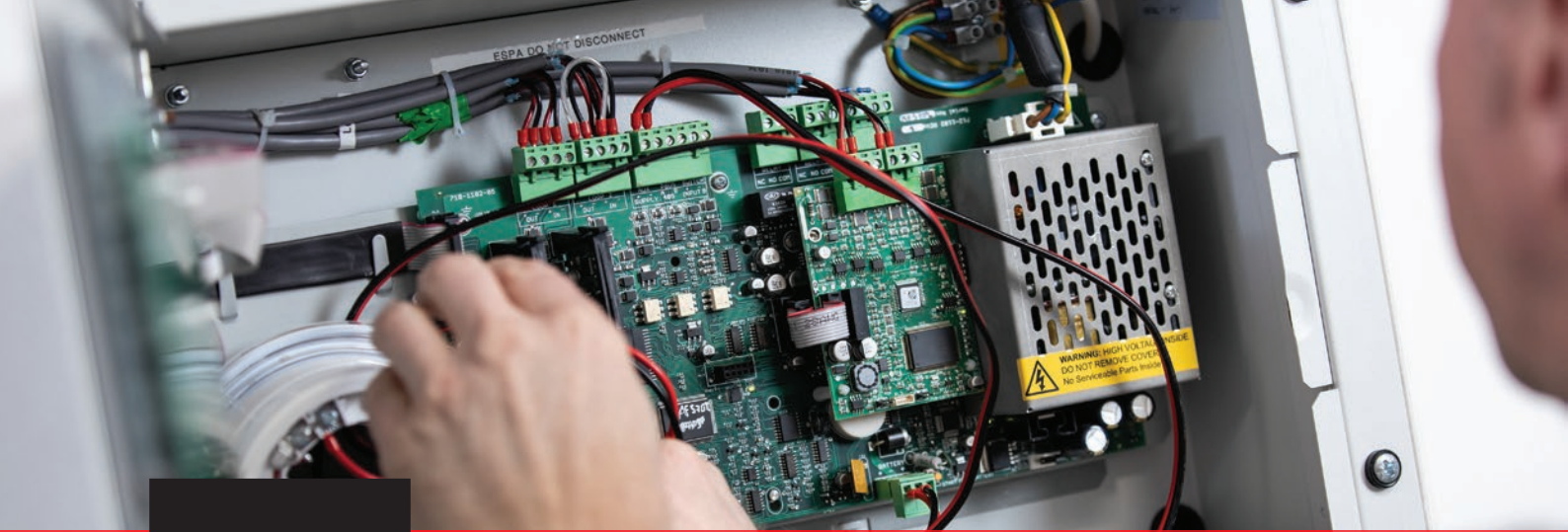
Goal

You will learn the basics of:

- PC software functionality
- Adding removing devices
- Device customisation
- Zone configuration
- Configuring of PBus devices
- Sounder output group programming.

Who is this course suitable for?

Installation and commissioning engineers, service/maintenance, technical support and trainers.



Module 5

Service and Maintenance

Duration

~1 hour.

Content

Service and maintenance are critical elements to providing compliance. This course covers the following:

5.1 Walk test

5.2 Service tool reports and customisation

Virtual tour of menu structure covering the process of testing sounders, evacuation alert areas and generating reports for compliance (using our service tool PC-NET-015).

Equipment required

Laptop/PC running the latest in Microsoft Windows.

Goal

You will learn

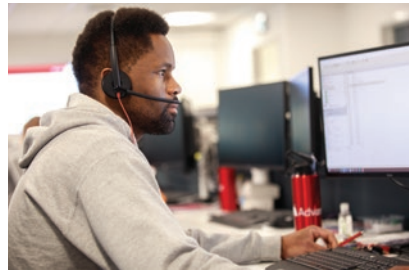
- Effective testing of the system
- How to generate reports of maintenance plans or proof of compliance/test
- Provide customised/professional service reports.

Who is this course suitable for?

Commissioning, maintenance, technical support and trainers.

How to request training

To register for training, please visit our website:
www.advancedco.com/training-support



Technical support

Highly rated support. Available by telephone and online.

As an Advanced customer, you have access to a host of helpful advice and support.

This includes a wealth of online information, from 'how to' videos to datasheets and detailed product manuals. Simply complete one of our online forms and you'll be able to access a range of additional services, previously available to those with an Advanced360 account.

Services include:

- **Technical support** – available by phone and online from one of our experienced technical support engineers.
- **Software** – download software and save your software packages by installation/site.
- **Literature** – download manuals, specifications, approved partner certificates, technical information and more.



- **Training** – direct customers can book training online and will be sent training certificates by email. If you need to access a previous training certificate, simply complete an online request form. All non-direct customers should book training through their distributor.
- **Warranty** – download our warranty statement.



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