

ISCE

The Institute of Sound and Communications Engineers

24 & 25 January 2012

Reading Moat House Hotel,
Sindlesham

Non-member £340

Member £290

**Three or more persons
from the same company:
10% off each individual fee**

All fees exclude VAT

Basic training for sound system installers and technicians

Presenter:

Terry Billau FInstSCE

This two day course will teach you about electronics, acoustics and audio components, as applicable to the design, installation, and servicing of sound systems.

The course starts with the fundamentals but progresses to specific information essential to people working with sound installations.

This course is valuable to people working within the sound installation industry. Many will already have a background knowledge of electricity but this course teaches how to apply that knowledge to the specifics of sound system design and compliments the electronics with some fundamental acoustics. The course goes on to investigate the essential components of a sound system installation and how they interact. The final part shows how to ensure these parts work together as a harmonious whole. Over the two days, attendees of the course will gain a good understanding of the major aspects of sound system installation and how to apply that information to ensure good results from the installations in which they are involved. All successful students will be awarded certificates upon completion.



Training Courses

You will learn about:

- The fundamentals of sound measurement and how sound behaves in a room
- Basic electrical theory and its application to sound systems
- Types of loudspeakers and their specifications
- Microphone types and their characteristics
- Power amplifier types and their specifications
- Mixers and metering
- Types of signal processing and where it is applicable
- Interconnections: including cable and connectors, and how to avoid problems
- Basic set-up and commissioning. Includes: gain structure, acoustic feedback, and the use of test equipment
- Fault finding and the methodology.

Who should attend?

Anyone involved in specifying, designing, installing or commissioning sound systems – including engineers, technicians, system designers and consultants.

Entry requirements

Although there are no specific entry requirements, a basic understanding of electrical theory is beneficial. Those without a background in basic electrical theory are still welcome but may find they have to supplement the course with a little external studying. To extract the maximum benefit from the course, it is helpful if the attendee has had some experience of sound system installation, however minimal.

Certification

The course finishes with a multiple-choice test paper with a pass mark. Candidates who pass receive a Pass certificate: others, if any, receive an Attendance certificate.

Booking information

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Reading Moat House Hotel,
Sindlesham

Basic training for sound system installers and technicians

I wish to book

member places

non-member places

Name

Company

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Order no

Please reply to

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