



Hosting a Smart Training Class

Public vs. Private....What's the difference ?

There are two basic scenarios for hosting a Rational Acoustics Smart Training Session:

Public Class - Rational Acoustics acts as the session host, with the support of a "local partner", who provides the class venue and AV equipment in return for course access for the local partner's employees, and free Smart software. In the case of a public class, Rational Acoustics assumes all hosting responsibilities including publicity, enrollment, payment logistics, instructor fees and expense, travel costs and catering costs. Apart from providing the venue and equipment, there is *no cost to the local partner for a public class*.

In this scenario, enrollment is open to anyone who wishes to attend the course and, with the exception of the spots reserved for the local host's employees, Rational Acoustics is responsible for the allocation of all class seats. Rational Acoustics also retains all revenue from the class.

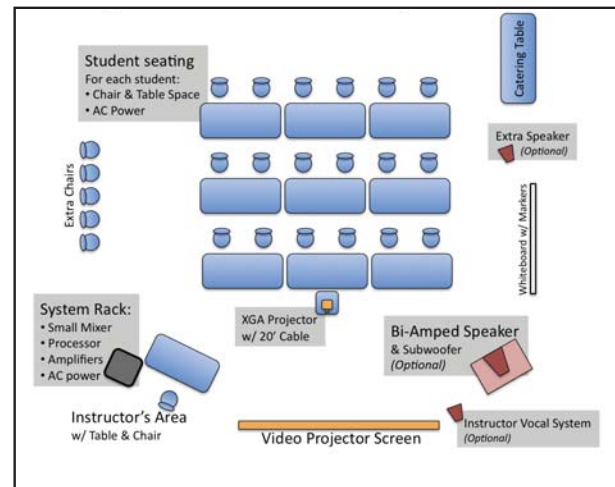
This option is best suited for sound companies, consultancies or venues such as clubs, churches or theaters who have the space and equipment available and are looking for Smart training for their staff.

Private Class - A client hires Rational Acoustics to conduct a training session and assumes *all hosting responsibilities (venue, AV equipment, enrollment logistics, payment processing if applicable, catering, etc.)*. The client is also responsible for payment of the Rational Acoustics instructor fee as well as travel and hotel expenses for the instructor while on location. If the client decides to charge attendees for the class, the client retains all revenue from the class directly.

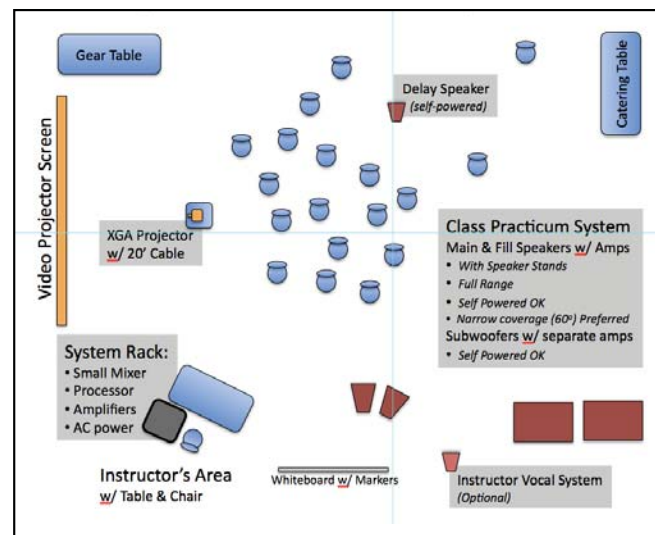
As host of the class, the client has final say over the content and format of the class session and Rational Acoustics will work with the client to tailor the class to best suit their needs.

The private class option is best suited for companies who may have a large number of employees needing training, or for companies or venues who have specific training needs outside of the normal Smart training curriculum.

Typical Classroom Layout



Typical Practicum Layout



Training Session Equipment Requirements

ALL Rational Acoustics training sessions require the following equipment:

- XGA projector and screen (or suitable video monitor(s)), and a 20' video cable to connect laptop to projector
- Whiteboard and dry erase markers (equivalent)
- Session sound system (see details below)
- A mic stand
- Ample AC power distribution for instructor, student and session gear

Additionally, for larger class sizes or facilities:

- A vocal sound reinforcement system and headset microphone (preferably wireless) for the instructor

Session Sound System Requirements

(These systems are used for the measurement demonstration portions of the sessions and should be separate from any instructor vocal reinforcement systems being used.)

Classroom Sessions:

The following is the minimum sound system requirements for the live measurement sections of the class:

- A small mixing console
- A system processor - 2in x 4out minimum
- A bi- or tri-amplified loudspeaker with appropriate amps
- A small self-powered loudspeaker (for delay demonstrations)
- All necessary interconnect cables and spare XLR mic cables

Practicum Sessions:

The following is the minimum sound system requirements for the live measurement sections of the class:

- A small mixing console
- A system processor - 3 in x 6 out minimum
- Two (2) medium format arrayable loudspeakers with separate amps for each
- A medium format self-powered loudspeaker for use as a delay system
- Two (2) subwoofers with separate amplification for each
- All necessary interconnect cables and spare XLR mic cables (4 x 25' minimum)

Rational Acoustics will supply the following for all training classes

- Instructor measurement rig including
 - Laptop with appropriate Smaart versions installed
 - Measurement preamps w/cables for connection to system
 - Measurement microphones & microphone SPL calibrator
- Stereo signal distribution system capable of supplying 16-24 measurement signal feeds to student laptops.
- Appropriate adaptors and connection cables

Training Session Facility Requirements

Training facilities for Rational Acoustics classes need to provide a comfortable and well lit environment with reasonable/clearly defined attendee access. Further, during the class hours facilities usage must be dedicated to the session purposes (not shared) and free of unreasonable noise limitations. (Note: Rational Acoustics training classes are not noisy events in general, however sound system measurements using pink noise and/or music may reach upwards of 100 dBSPL (A weight/slow) in the training area for brief periods of time.)

Classroom session facilities:

Classroom sessions can be conducted in any size room capable of comfortably holding the class seating and instruction set up.

Classroom session facilities must provide:

- A seat and table space for each student with ample room for laptop computers
- A separate table and seat for the instructor at the front of the class
- Ample AC power distribution for instructor rig, class laptops and class sound system
- An area for setting up an measuring a small sound system
- An area for catering items and /or lunch seating

(See "Typical Classroom Session Layout" on front for example)

Practicum session facilities:

Practicum sessions require larger spaces with enough room for a more complex sound system than their Classroom session counterparts. Often, these sessions are hosted in actual performance venues.

Due to the fact that student computers are not used in the Practicum session, no student seating and table space is required.

Practicum session facilities must provide:

- A seat and table for the instructor measurement rig
- Ample AC power distribution for instructor rig and class sound system
- Ample space for the Practicum class sound system
- An area for catering items and /or lunch seating

(See "Typical Practicum Session Layout" on front for example)

Important Note Regarding Video Projection:

The video projection screen is the focal point of the training session. It is of the utmost importance that EVERY ATTENDEE BE ABLE TO CLEARLY VIEW AND DISTINGUISH IMAGES ON THE PROJECTION SCREEN. Seating should be arranged with this priority in mind. Inadequate image projection (screen image too small, too dim or views obstructed) will seriously detract from the course quality and effectiveness