

# QuietSound

## Pre-engineered Modular Music Practice Rooms and Studios

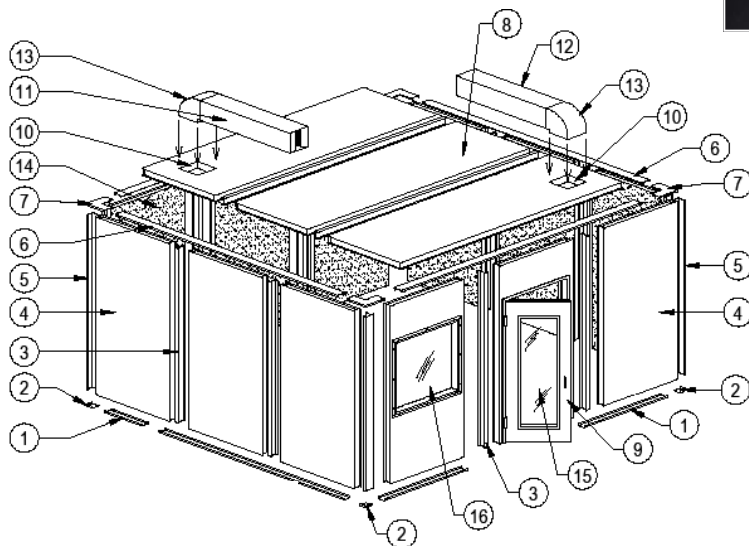
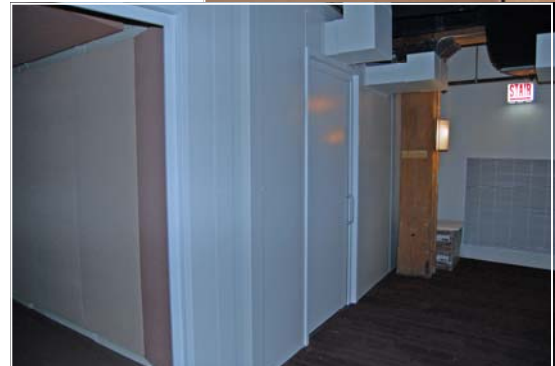
Single Source Responsibility... Design – Supply – Install

### Advantages of Modular Studios:

- Custom designed to meet your requirements
- Faster design to in service time than standard construction
- Designed to provide excellent in to out/ out to in noise reduction
- Exceptional interior room acoustics
- Unlimited size and shape
- Can be disassembled & relocated
- Rugged construction
- Silenced HVAC system
- Significant tax advantages
- No construction mess

### Applications:

- Music Practice Rooms
- Recording Rooms
- Voice Over Booths
- Edit Suites
- Broadcast Studios
- Control Rooms



1. Floor Channel
2. Floor Channel Corner
3. "H"- Joiner
4. Acoustic Wall Panel
5. Corner Joiner
6. Roof Channel
7. Roof Channel Corner
8. Acoustic Roof Panel
9. Acoustic Door
10. Cut-Out For Air Silencer
11. Exhaust Air Silencer
12. Inlet Air Silencer
13. Ventilation Elbow
14. Fabric Wall Panels
15. 22"W x 66"H Double-Glazed Acoustic Window in Door
16. 40"W x 42"H Double Glazed Acoustic Window in Panel



## Acoustic Performance Of QuietSound Studios

All QuietSound Studios are field tested after installation and certified to be in compliance with all acoustic performance requirements. Typical field Noise Reduction and laboratory Sound Transmission Loss ratings are as follows:



### Quiet SoundPanel System Sound Transmission Loss—Wall/Ceiling Panels

Octave Band Center Frequency, Hz						
125	250	500	1K	2K	4K	STC
Panel Sound Transmission Loss, dB						
29	37	48	56	57	54	50

### 2" Thick Fabric Wrapped Wall Panel Sound Absorption Coefficients

Octave Band Center Frequency, Hz						
125	250	500	1K	2K	4K	NRC
Sound Absorption Coefficient						
0.44	0.70	1.17	1.17	1.13	1.06	1.05

### QuietSwing Door Sound Transmission Loss

Octave Band Center Frequency, Hz						
125	250	500	1K	2K	4K	STC
Sound Transmission Loss, dB						
37	42	50	49	51	56	50

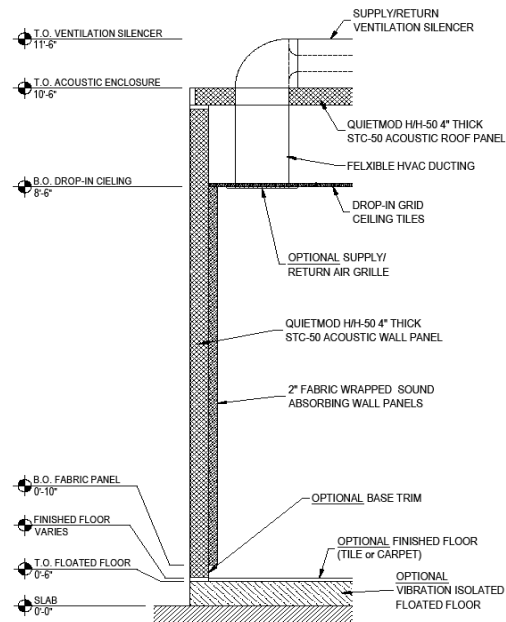
### Noise Reduction—Assembled Facility

Octave Band Center Frequency, Hz						
125	250	500	1K	2K	4K	NIC
Quiet Sound Studio Noise Reduction dB						
41	44	49	49	56	50	51

Please contact us for specific product specifications and descriptions. CAD drawings and configurations to meet special requirements are available upon request.

#### Interior finishes can include:

- Carpet or tile floor
- Raised access floor
- Factory powder coated paint finish
- Fabric wrapped acoustical wall treatment
- 2 x 4 lay-in acoustic ceiling
- Electrical including recessed lights, convenience outlets, distribution panel and concealed electric conduit



[www.noisebarriers.com](http://www.noisebarriers.com)

2001 Kelley Court  
Libertyville, IL 60048  
Phone: (847) 843-0500  
Fax: (847) 843-0501

#### We also supply the following noise and vibration control products for use with standard construction:

- Sound Control Doors
- Sound Control Windows
- Acoustical Wall Treatments
- Floating Floors
- Vibration Isolation Hangers
- Diffusers