

Virtual Acoustic
Environments™ (VAE)



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Imagine practicing in a recital hall one minute, a concert hall the next. That's the advantage of Wenger sound-isolated practice rooms with VAE technology.

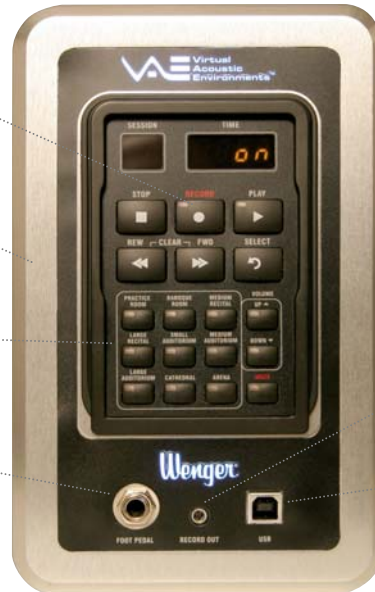
Virtual Acoustic Environments™ (VAE)

Capable of record and playback of 9 sessions for one hour of total length.

Technology is available in over 20 different room size configurations.

Presets for 9 distinct virtual acoustic environments.

Foot control connection for hands-free operation.



Mini stereo output jack for real-time recording.

USB connection for uploading and downloading recorded programs.

VIRTUAL ACOUSTIC ENVIRONMENTS

Practice, practice, practice. You can say it with dread or – after a single session inside a practice room with VAE technology – you can say it with passion. It's true. The sound in the room is so stunning that it is inspiring people to practice like never before.

And what could be better than practicing in a variety of performance environments? That's what you can do with the preset acoustical simulations. And when you want to switch to a different acoustical setting, just push a button. A Wenger practice room with VAE technology is proven to accelerate the development of critical skills such as articulation, phrasing, intonation, and tone production.

Wenger practice rooms with VAE technology provide real-time recording and playback of 9 sessions for one hour of total length. An optional foot-switch gives you hands-free control, anywhere in the room. You can also upload or download recorded programs through a USB connection.

And Wenger practice rooms with VAE technology provide exceptional sound isolation in a classic, sophisticated design that's also modular, so you can take it with you, whether you move to another room or building.

VAE TECHNOLOGY FOR ACOUSTICAL SIMULATIONS.

- Nine virtual acoustical simulations.
- Simple push-button operation with recording/playback control.
- Includes eight speakers, two microphones, control panel, left and right channel processing components, and cables.

PRODUCT DETAILS

- State-of-the-art acoustical simulation package is prewired into rooms that are modular and relocatable.
- While our practice rooms deliver superior sound isolation, these are specially equipped with preset acoustical simulations:
 - Practice Room
 - Baroque
 - Small Auditorium
 - Large Auditorium
 - Large Recital Hall
 - Arena
 - Cathedral
 - Medium Auditorium
 - Medium Recital Hall
- Recording/Playback capabilities.
- Five-year warranty.



VIRTUAL ACOUSTIC ENVIRONMENTS (VAE)

Application Information

General Information

- A sound-isolating practice room equipped with patented digital signal processing that allows musicians to hear themselves in a variety of acoustical environments.
- Traditional dry practice room (system off) with 9 preset acoustical environments: Practice Room, Arena, Baroque Hall, Cathedral, Small Auditorium, Medium Auditorium, Large Auditorium, Medium Recital Hall, and Large Recital Hall.
- Accelerates development of articulation, intonation, and control in a variety of environments from very “dry” to very “live”.
- Effective teaching/coaching studio to train students in the relationship between the acoustical environment and instrumental technique.
- Does not require any technical expertise to operate the room — as easy as operating a TV remote control.

General Specifications

- Dimensions: 6'11" x 6'11" to 10'8" x 13'2" (211 x 211 cm to 325 x 401 cm).
- Interior ceiling height is 7'6" (229 cm).
- Weight: 2,200 lbs. to 4,150 lbs. (998 to 1882 kg.) depending upon unit.
- UL®-Classified room wiring system.
- Surfaces: powder-coat painted. Color: Oyster with charcoal trim.
- Lighting: florescent lighting with electronic ballast.
- Sound isolation: NIC = 40.
- Sound isolating door: STC = 43, with a full window.
- Internal fan ventilation system: NIC 25.
- Direct connection HVAC (optional): acoustically isolated HVAC connections of STC 45.
- Wall and ceiling panels UL® class 1 classification for flame spread and smoke developed.
- Control panel: one 18-button control panel. Nine acoustical environments, volume up and down, system mute (OFF), stop, record, play, rewind, fast forward and select. UL®-Listed.

Control System

- Lighting, room ventilation fans and master power for active acoustical system each individually controlled by an on/off toggle switch. UL®-classified, CSA-approved.

Practice Rooms with VAE Technology Electronics

- Power consumption (steady state).
Nominal 500mA @ 120V, 60Hz.
Maximum surge at turn on: 20A @ 2 msec
(time to steady state: 10 msec).

Complete system details are available in the product specification. Contact Wenger for more information.