IED®
Innovative Electronic Designs

The Richmond Center

IED TEAMS UP TWO PRODUCTS FOR CONVENTION FACILITY IN RICHMOND

Any major metropolitan area depends on its convention facilities to contribute to its overall economy. Convention center facility construction has grown considerably since the last decade, including new centers and expansions or renovations of existing facilities. In Richmond, Virginia, the Greater Richmond Convention Center, currently undergoing renovation and expansion, will be that city's showcase convention hall when new construction finishes in 2003.

So its obvious that a state-of-the-art convention center would need the latest in state-of-the-art audio from Innovative Electronic Designs, Inc., already famous for its systems in convention facilities around the world.

THE FACILITY

Located in downtown Richmond, Virginia, the Richmond Center will contain a total of 625,000 square feet of space divided between two buildings. That total includes 180,00 square feet of exhibit space (in three separate halls). 32 meeting rooms (for meetings, seminars, presentations, and banquets) will be spread over 50,000 square feet, and there will be a 30,000 square foot Grand Ballroom.

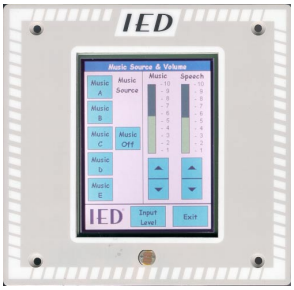
THE SYSTEM

Audio processing for the entire facility will be handled through two products from Innovative Electronic Designs, Inc.: the 3200 Series Digital Processing System and the 4000RCM Remote Controlled Mixer. IED's 3200 Series offers 32-bit digital signal processing. At Richmond Center, Halls A and B use a 32 x 32 system while Halls C through F use a 48 x 48 system. Both are networked via Ethernet. The contractor for the Richmond Convention Center system is Washington Professional Systems of Wheaton, Maryland, and the consultant is Boner Associates of Austin, Texas.

Each system is configured through IED's SoftTools program, which allows a consultant or contractor to design and configure an entire system and download it into a 3200 Series mainframe.

Working in conjunction with the 3200 Series is IED's 4000RCM Remote Controlled Mixer. Designed specifically for hotels, convention centers, and meeting facilities, the 4000RCM is a wall-mounted, four-input automatic mixer that can be mounted in a room with an IED backbox or attached to a wall plate. By mounting the mixer in the room itself, a contractor can significantly reduce cabling costs and eliminate audio interference problems and signal degradation that are common with long runs of low-level signals.

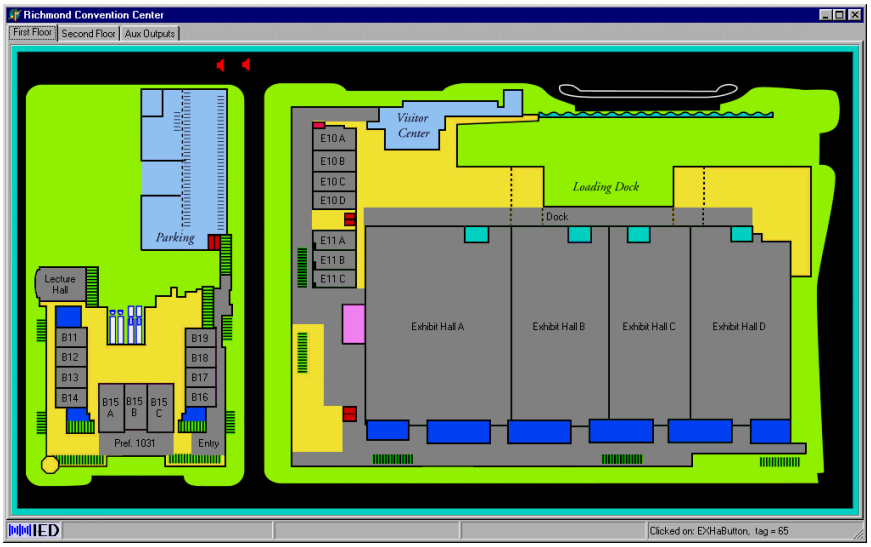
Each 4000RCM mixer is controlled locally by the 1000RC Touchscreen Remote Controller user interface. Available in either black-and-white (1000RC) or color (1000CRC) displays, the 1000RC is a touchscreen controller that allows a user to raise or lower the volume of a microphone or background music in a room. Password-protected levels allow for mixer configuration of such specific functions as input level, music source and volume, microphone priority, and compressor and output levels. In addition, these panels are duplicated in the facility's customized audio configuration software.



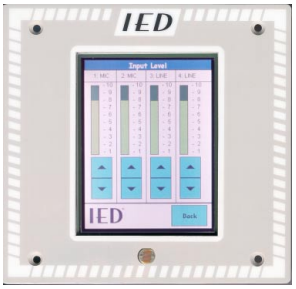
THE SOFTWARE

Not only is the system designed and configured through IED's SoftTools, but there is also a separate customized program that allows input/output configuration for each room, room combining, volume control, audio monitoring, and more.

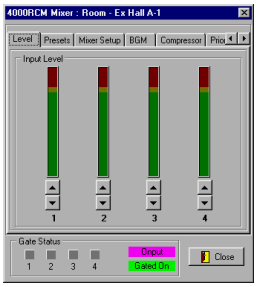
The software display resembles a floorplan of the facility.



You can also configure and operate a room's 1000RC panel from the software.



Input Level Screen on Wall Mount Panel



The Same Input Level Screen in the Software

9701 Taylorsville Road
Phone: 502-267-7436
Louisville, KY
Fax: 502-267-9070
40299
www.iedaudio.com
IED
Innovative Electronic Designs