

STUDENT UNION BALLROOM – UW MILWAUKEE

The Main Hall can be divided into two smaller halls known as Main East Hall and Main West Hall. When the Main Hall is divided both the East and West halls have identical AV support. When the Main Hall is not divided the AV support is combined into one large system with dual projector capability. The presenter is able to show individual dual images as well as identical images.

Each hall is equipped with a high resolution multi-media projector mounted on the ceiling. The super bright projector has the capability of projecting a presenter's computer and document camera in true XGA resolution (1024x768) and compressed UXGA resolution (1600x1200). The VCR, DVD, and 35mm slides will be projected in high resolution YC component video (400 lines). The images are projected onto two 200" electric tab tension projection screens.

A connector panel at the front of East and West Main Hall allows the interface of a portable equipment console to a rack of AV terminal equipment. The terminal equipment consists of the main video router, audio matrix, audio amplifiers and control system.

The portable equipment console houses the AV source equipment, source switcher and touch panel to control the system. The AV source equipment consists of a VCR, DVD, document camera, slide to video converter, laptop connection and auxiliary input connection.

There is a wall mounted camera in each of the East and West Main Hall. The image from these cameras can be shown on the projector for magnifying the presenter. There is a connector panel located in the rear of each smaller hall that allows an operator to control the cameras via a joystick control unit.

In the West Main Hall, there is an additional electric screen on the west wall with a projector input panel. A portable projector can be setup on this screen and connected to the AV terminal equipment. This can be used for larger groups when the halls are undivided or as a second projection point in the West Main Hall.



The sound system consists of a high quality, high output ceiling mounted speaker system zoned to allow the two halves of the ballroom to be split into separate systems. A digital equalizer is used with an automatic feedback reducer. An automatic mic mixer is used with control from the AV control system.

There are 4 wireless microphones, each with bodypack and handheld transmitter for voice reinforcement with feedback elimination. The wireless microphones can be divided in any combination between the two smaller halls or all used during a large venue presentation. There are two IR assist listening systems, one in the East Hall and one in the West Hall that can be combined. There is a 5 disc CD changer in the terminal equipment rack that is used for background music.

The control system is the heart of the AV system and automates the complex switching when used as a Main Hall or divided into two smaller halls. The presenter can control the projector, screen, sources, audio and lights from a touch panel on the portable equipment console. When the hall is undivided one touch panel controls the entire AV system.

There are two wall mounted touch panels which controls the screen, audio and lights. These panels allow the hall to be used for an audio presentation without the need of connecting the portable equipment console.

There are also wireless button control panels that allow a presenter to control a slide show from anywhere in the hall.