

PS-HDW Room Videoconference System

Maland Presentations PS series of pre-engineered audiovisual systems are easily integrated in most conference spaces. These systems offer great functionality and ease of use, while reducing installation times and costs.

The **PS-HDW** videoconferencing and presentation system shall offer users the ability to both engage in high definition video and audio conferencing as well as utilize the same system for local presentations.



Details

The system shall consist of two wall mounted 50" diagonal plasma monitors mounted side by side, with a high definition videoconferencing camera and codec wall mounted on a shelf above them (above the meeting point of both monitor edges).

This system shall allow for high definition IP based videoconferencing at up to 720p as well as the ability to connect to up to five other endpoints simultaneously (6 total) and to transmit both computer and video based content to be viewed on the far side of a videoconference. A high definition audioconferencing phone (IP based) shall be provided which shall allow for the placement of audio-only calls and shall serve as the audio pickup device for video conferencing calls.

Client laptops will be connectable to the system via a VGA/audio cable which shall be able to be extendable to a conference room table from a rack cabinet placed in the corner of the room, adjacent to the wall on which the plasmas are mounted. Within this cabinet shall also be installed a DVD player, a control system processor, and other hardware necessary for routing signals. A wireless LCD control touch panel programmed with a simple graphical user interface shall allow users to easily control the system without the need to use multiple remote controls.

This system is designed primarily for installations in meeting rooms up to 20 x 30' in size.

Feature Rich High Definition Video

PS-HDW Room Videoconference System

System Components

Flat Panel Displays - (2) 50" Diagonal Flat Panel Displays w/ Loudspeakers WXGA (1366 x 768 pixels) Resolution



Videoconferencing - A high definition (HD) IP-based videoconferencing codec is mounted above or below the two flat panel displays and allows for high definition videoconferencing at 720p/30fps resolution. Backward compatible with most non-HD codecs*



Audio Conferencing - A high definition IP-based audio conferencing phone is placed on the conference table, which also acts as an audio pickup device for videoconferencing calls.

Audio - Audio is reproduced by loudspeakers integrated into the displays

Control - A wireless LCD touch panel controls systems functions, including:

- Display power, source selection, and aspect ratio
- Standard videoconferencing call placement, camera, navigation, and content delivery functions
- DVD player playback and navigation functions



AV Rack Cabinet — A 16 RU Laminate AV rack holds the most of the signal processing and control hardware in addition to the DVD player. **A selection of laminate colors is available.**



Connections

- Standard configuration includes an extendable VGA and Audio cable which ties back to an AV rack from the conference table or presenter's location. **Optional table access enclosures are available at additional cost.**
- Cabling in and out of AV rack passes through grommet wall plate

Computer, sources to be provided by client. Network connections and electrical Power to be installed by others. Costs assume cable run length of no more than 35' from source to display locations and that cable can be run above false ceiling or in walls.

Requires connected endpoint to have high definition capacity. Typical network bandwidth requirement for High definition calls is 1Mbps per connected endpoint.

Configuration Options (Additional Costs apply)

Table Access Enclosure — Flip top table connection device presents a clean look on your conference table



(2) **Ceiling Loudspeakers** and related processing/amplification hardware — Enhance audio quality in the room

