



HOW TO DESIGN

an Automated Content Presentation System



STEP 1 Content

Select the content that will be used by the presenter

- o PC
- o Whiteboard
- o Recorded Video (DVD)
- o Document Camera
- o Video Conferencing Far End Video

Note* With each PresenterPOD you can automate up to two content sources and one camera preset. For example, at the podium you can have a preset showing a close-up of the presenter and have your content preset be a PC with a PowerPoint presentation. When the presenter walks up to the podium the camera zooms in on them and the PC will display the PowerPoint presentation. Another content source can be used as well, such as a document camera that can be switched when needed.

Note* Side room cameras are positioned between 30-45 degrees from the center of the room and allow for preset camera shots of the presenter walking towards or away from the camera, where a center facing camera only can only show a side profile of the presenter.

STEP 2 Work area

Locate the presenters work areas

- o Podium
- o Whiteboard
- o Teaching Station
- o Desk/Table

STEP 5 Tracking and preset

Is camera tracking between presets required or is a wide view of the front of the room adequate when the presenter is not in a work area?

There are two common ways to automate the presenter camera when the presenter is not in a work area and not on a camera preset. The first involves setting up a default camera preset that automatically zooms the camera out to a wide view of the room so the presenter can be seen walking between work areas.

STEP 7 Display

Is a dual monitor or a PIP going to be displayed?

Will you want to show content and a presenter on the same monitor using PIP or will each source have its own monitor (typical in videoconferencing systems)? If you are using a dual monitor configuration you will have to use two Auto Presenter's, setting them up so one AutoPresenter is assigned to automate the cameras and provide a discreet video output. The other AutoPresenter is used for content automation and providing a discreet video output.

STEP 3 Triggers

Select the type of automation triggers to be used at each work area

- o PresenterPOD
- o Floor Mat
- o Ceiling IR
- o TouchVIEW Buttons

The second method uses camera tracking so that the camera follows the presenter as they walk between work areas. This has the advantage of providing a more broadcast quality experience to the end user.

STEP 8 Microphone count

Is student camera automation required?

If so, select how many student cameras you will need to cover the students sitting in the classroom, then determine the number of microphones that will be used to pick up the audio of the students. The microphone count is important as each microphone will be used as a camera preset trigger device that is activated when they use the push-to-talk button on the microphone. These microphones are then connected to MicVIEW, which provides a true microphone switching circuit that provides constant contact triggers to the AutoPresenter. This eliminates the erratic switching that occurs with a lot of microphone mixers that use fast gating or allow multiple microphones to stay on.

Note* A PresenterPOD is required if you plan on using more than one source, or if you want to activate both a camera and a content source at the same time.

STEP 4 Presentation content

Select what content will need to be available at each workstation (up to two per PresenterPOD)

- o Podium - i.e. PC & Document Camera
- o Whiteboard - i.e. Whiteboard & PC
- o Teaching Desk - Far-end Video, Document Camera

STEP 6 Presenter camera

Select what Presenter Cameras to be used in the room and what presenter shot is desired at each workstation.

- o Main Presenter Camera with presets
- o Tracking Camera system
- o Side room cameras

STEP 9 Classroom display

Select your classroom displays keeping in mind that the instructor will need a display in front of them so they do not have to turn around all the time and look at the front display.

You have now designed a fully automated content presentation system. If you need any additional help with your design please contact our Support Staff that is available to help with your design requirements.

Distance Education Example

