

CASE STUDY

eSports



OTTAWA UNIVERSITY



Project Scope

Services Offered - Consulting, Set Design, Broadcast & Streaming, Lighting, Sound, and Projection

Ottawa University's unique theater space is designed as a multi-purpose facility which supports both theater and esports. Ottawa sought to build their esports program rapidly so they could get up to speed in the market. Ottawa stated that their esports program has now attracted world renown college eligible players because of the infrastructure and professionally designed esports arena and program in place. Adam Caylor, Ottawa's Technology and Esports Director, further commented that the arena has a WOW factor as the first thing that people notice is the 226 inch projector screen. The lights, sound, and smoke machine in the professionally designed esports arena feels like a major arena (on a smaller scale). Caylor said that it's very impressive and credits Horizon AVL and Esports Integration. "We are very appreciative," says Caylor.



Project Highlights

Broadcast & Streaming

In competition mode, each station is equipped with a Marshall Point of View camera facing each player and a Black Magic HDMI to SDI converter for each desktop for broadcast capabilities. The stage includes a DaLite screen with HD laser projectors for spectators to view content during game play. The screen is set for broadcast from multiple inputs.

AV Booth

The AV booth has a new Allen & Heath SQ Digital Console that is connected to a QSC C-Sys DSP. From a video perspective, all inputs are routed to and from the Black Magic 40 x 40 Matrix Router. For video switching, a Black Magic Atem allows the user to select inputs for the stream.

Gameplay

Ottawa's stage space can be reconfigured for several events and tournaments. The stage can accommodate 12 total players for a tournament and 24 players for training sessions.

Lighting

Horizon AVL selected Chauvet Professional LED stage lighting to highlight stage performances and to create a state of the art atmosphere for competitions and broadcasts. The Chamsys Quick Q Console allows for programming and recall of lighting scenes and cues.

Sound

The unique shape of the esports auditorium presented the need to fill the space with consistent sound from left to right and front to back. Horizon AVL selected the Presonus CDL line array as a solution due to the fact it has a 120 degree audio pattern.

"I feel so lucky that we've had you as partners through this. It's not often that the CEO of a company comes to take a look at your system. We are so appreciative. Josh is a down to earth and nice guy. Horizon AVL and Esports Integration helped us to understand the esports market and see the capabilities of what this program can grow into. We found the right coach in Horizon AVL and Esports Integration." Adam Caylor - Technology and Esports Director, Ottawa University

Brand Highlights

ALLEN&HEATH

Marshall

PreSonus

DIGITAL PROJECTION

Blackmagicdesign

CHAUVET PROFESSIONAL