



# CDU STUDIO

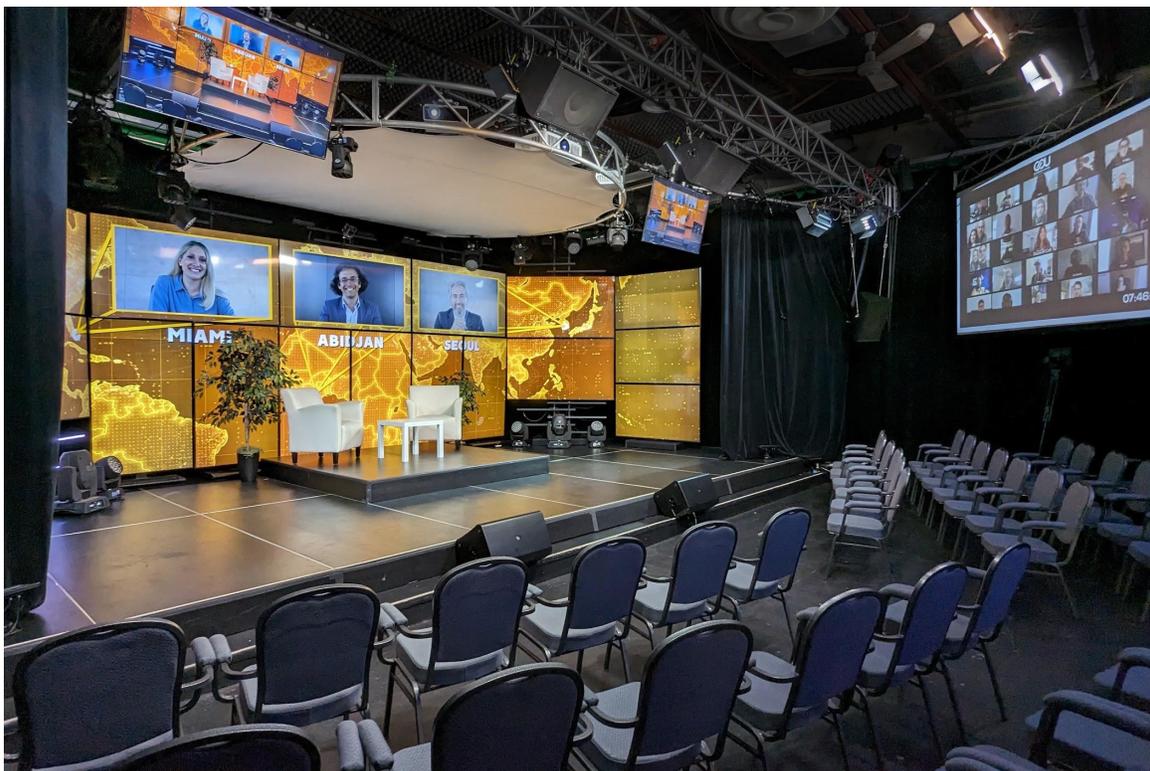
## Virtual Amphitheater

### TECHNICAL SPECIFICATIONS



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# 1. OVERVIEW

The CDU Studio is a live broadcasting studio reaching an online audience. This permanent interactive webcasting facility allows the hosting of webinars, conferences, training sessions or even to deliver an artistic performance in front of a remote audience, all while benefiting from their presence in projection with the possibility of real-time interaction. Conventional ISO recording and post-production are also among the services offered. The physical space can accommodate around fifty in-person spectators, thus facilitating 'hybrid' events.



# 2. OPERATION

The CDU Studio is equipped with multiple computer servers allowing access to any professionally licensed broadcasting platform (ZOOM, TEAMS, etc.). The broadcast can also be redirected to social networks and/or streaming platforms (Facebook, Youtube, Vimeo, etc.) to reach a larger audience.

The CDU holds various professional licenses and can connect thousands of people remotely without any duration limits. The research and development team ensures the maintenance of best practices and constant upgrades to maintain the highest quality in terms of event smoothness, handling different content types and broadcast aesthetics.

### 3. STUDIO SPACES

ADDRESS : 2083, av. Branly, Quebec, Qc, G1N 4C7, CANADA



- **CDU Studio - Virtual Amphitheater**

- Large studio / 40' x 50' / 18' height
- Direct access via standard or garage door (14') with truck-loading platform
- 32' x 24' stage on 2 levels (expandable up to 40' x 30')
- Full equipment in sound, lighting, video, and computing
- 17 - PC servers for broadcasting
- Video backdrop / 19 x 70-75-85 inches 4K TVs – WATCHOUT 6 Software
- Lighting and Broadcasting Control Rooms on the main floor
- Sound and Video Control Room on the mezzanine
- Teleprompter / Timer / Reference Monitors / 16' x 9' Giant Screens (3) for galleries
- Dressing rooms, large mirrors, makeup corner, restrooms, washer, dryer, shower, air conditioning
- Chairs, illuminated bars, stools, high tables, tablecloths, etc.
- Up to 50 seated spectators in hybrid mode (chairs available on-site)



- **TECHNO CABARET**

- o Small studio / 20' x 30' / 9' height / Stage of 12' x 12' / 8' height
- o Limbo walls with various backgrounds: white, green chromakey, black, or brick
- o Full equipment in sound, lighting, video, and computing
- o 17 PC servers for broadcasting
- o Separate Sound and Video Control Rooms / 3 HD cameras
- o Teleprompter / Timer / Reference Monitors
- o Adjacent room accommodating 10 to 15 people / Dressing room, restroom, air conditioning
- o Chairs, illuminated bars, stools, high tables, etc.



- **OMICRON STUDIO**

- 100% virtual studio, enabling complete webcasting management
- Welcoming REMOTE PANELISTS and SPECTATORS on separate servers
- Virtual Green Room for PANELISTS (if needed)
- 17 servers for broadcasting
- Management of Q&A sessions, polls, POWERPOINT presentations, videos, etc.
- Timer for PANELISTS



## 4. ACCESSORIES/FURNISHINGS

- Plexiglass lecterns / Stools / Armchairs / High tables / Low tables / Illuminated bars
- Stage panels 4 x 8 and 4 x 4 / Various height legs

## 5. SOUND SYSTEM

- Digital consoles
- Microphone set : lectern, wireless headsets, handhelds, lavaliers, full band kit
- Stage, front, and SUB monitors
- Musician's backline (amplifiers, drums, electric piano, etc.)
- Control room communication kit for video, production, etc.

## 6. LIGHTING

- Complete stage lighting: Conventional, LED, static and moving lights

- M1 lighting console

## 7. VIDEO / COMPUTER

- 8 x FULL HD cameras with tripods (Canon C-100 / URSA / BlackMagic STUDIO / etc.)
- 3 x 30X PTZOPTICS HD-SDI robotic cameras
- 10 x PRESENTATION laptops
- HD-SDI video mixers - ATEM STUDIO HD8 (ISO recording)
- 19 x 85" / 75" / 70" LED screens backstage - Controlled via WATCHOUT 6.6
- 6 x 55" LCD screens onstage - PowerPoint + Presenter's notes
- 4 x 75" LED screens - Teleprompters on CAM 1 and CAM 2
- 3 x 65" screens - PGM OUT Monitors
- 3 x 8,000 Lumens Projectors + 16:9 screens: Galleries of attendees
- 5 x clicker
- 8 x I7 Servers - ZOOM PROFESSIONAL / OBS

## 8. LABOR

### MANDATORY

- 1 x BROADCAST Operator
- 1 x Sound Engineer
- 1 x Video Director / Camera Operator

### OPTIONAL

- 1 x Lighting Technician
- 3 x Camera Operators
- 1 x WATCHOUT Operator
- 1 x TELEPROMPTER Operator
- 1 x Broadcast Director

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