

## **FIRE STATION DIGITAL MEDIA RESOURCES & FACILITIES:**

April 2021

### **COMPUTER DESKTOPS/ EDIT SUITES:**

#### **The 4K EDIT SUITE (Large):**

A private and spacious AV studio with a 4K capable Mac pro desktop, 4K ASUS gaming display, HD video projector, with professional 5.1 surround sound active studio monitor speakers.

Overview of the 'Large' Edit Suite specs:

- 8-core, 64GB desktop Ram, with Nvidia Titan X 12GB VRAM graphics card.
- 2TB and 256 SSD internal desktop storage
- USB3 x 4, USB2 x 3, E-Sata x 2, HDMIX1, DP x 4, 800 firewire ports
- Motu MK4 Ultralite sound card
- JBL series 3 active studio monitor speakers x 5
- JBL LSR 310S active studio subwoofer
- BenQ HD 16:9 video projector with projector screen
- Asus 32' 3840x2160 gaming monitor display with HDMI and DP ports.
- DaVinci Resolve 16 Studio licensed software, Adobe Creative Cloud licensed software, FCPX licensed software, Logic, Reaper, and a variety of open sourced AV software.

#### **The 4K EDIT SUITE with recording Vocal Booth (Medium):**

A private and medium sized AV studio with 4K capable Mac/PC dual booted desktop, 4K LG 27' gaming monitor, and stereo JBL 305 MKII active studio monitor speakers. This edit suite also contains the professional and sound treated Vocal Booth for audio recording and narration. The Vocal Booth comes with a variety of professional & broadcast quality microphones (see mic selection listed below).

Overview of the 'Medium' Edit Suite specs:

- Mac (OSX 10.15) /PC (Windows 10) dual booted 3.6Ghz 8-core i9 desktop
- 65GB Ram DDR4, 1TB and 256GB desktop SSD internal storage
- AMD RX 580 with 8GB VRAM graphics (HMDI x1, DP x 4)
- USB 3.1, USB 3, USB C, USB 2, and thunderbolt ports
- LG 27inch 3840x2160 gaming monitor
- JBL 305 MKII stereo active studio monitors with Focusrite 2i2 sound card

- DaVinci Resolve 16 Studio licensed software, Adobe Creative Cloud licensed software, FCPX licensed software, Logic, Reaper, and a variety of open sourced AV software.
- VR & 3D hardware and software is also available. This software is constantly changing and being updated. Contact for the most recent updates.
- An Oculus Quest VR headset is available for this studio upon request.
- Wacom tablets are available for 3D work.

The Clearsonic IsoPac F vocal booth with the following accessories:

- Clearsonic shield and acoustic Sorber surrounding pack systems
- The t.bone Micscreen LE
- K&M mic stand
- And a variety of mics available (see list below)

**Computer Desktop Workstations X 2 (open plan):**

Located in the open plan, spacious, and socially distanced Digital Media area are two computer desktop workstations. These desktops have been designed to be used for individual users working with video, audio, photography, VR, and 3D applications. Note that these are not private spaces, and are located in the open plan environment of the Digital Media area.

Overview of the Computer Desktop Workstation specs:

- Mac (OSX 10.15) /PC (Windows 10) dual booted 3.6Ghz 8-core i9 desktop
- 65GB Ram DDR4, 1TB and 256GB desktop SSD internal storage
- AMD RX 580 with 8GB VRAM graphics (HMDI x1, DP x 4)
- USB 3.1, USB 3, USB C, USB 2, and thunderbolt ports
- LG 27inch 3840x2160 gaming monitor
- Apple wireless keyboard and Logitech Bluetooth mouse
- Focusrite 2i2 sound card with Sennheiser HD Pro studio headphones with mic.
- DaVinci Resolve 16 Studio licensed software, Adobe Creative Cloud licensed software, FCPX licensed software, Logic, Reaper, Capture One, and a variety of open sourced AV software.
- Oculus Quest headset and controllers.
- VR & 3D hardware and software are also available. This software is constantly changing and being updated. Contact for the most recent updates and what software you may require for VR & 3D work.
- Wacom tablets are available for 3D modelling work.

## **CAMERA/VIDEO/MOVING IMAGE:**

Two camera systems are available at FSAS. Each camera comes with a variety of accessories. Some are essential accessories, and others are options to tailor to your production. Some items will require a process of training or demonstration before use or rental.

Camera systems currently available (for lens options, see lens list below):

1. The Black Magic 6K Cinema Camera (BM6KCC) EF mount
2. The Canon 5D Mark III
3. The Fuji XT3 (TBC)

The Black Magic 6K Cinema Camera (BM6KCC) EF mount with the following accessories:

- BM6KCC battery grip
- BM6KCC batteries x 4
- BM6KCC Smallrig camera cage
- Smallrig top and side handles and quick release base plate with 15mm rods
- V-Lok Battery pack with two V-Lok external batteries with dual charging kit
- BM6KCC to V-Lok 12volt charging cables
- Samsung T5 500GB x 2 SSD with Smallrig nato handle housing
- Magic arm and cold shoe mount accessories
- BM6KCC Satchler security trolley bag

The Canon 5D Mark III with the following accessories:

- 5D MIII body
- Canon batteries x 4 with charger
- 128 SD card, 64GB CF card
- SD and CF card reader
- Camera travel shoulder strap bag

The Fuji XT3 (TBC – contact for an update on this mirrorless system)

## **VIDEO MONITORING/ RECORDING:**

The Atmos Ninja V with the following accessories:

- Atmos Ninja V batteries x 2 with charging unit and mains power supply
- Angel-bird Atom X 500GB SSD for the Atmos Ninja V
- Smallrig Ninja V cage
- Smallrig Ninja V screen hood for the Ninja V
- Smallrig magic arm

## **LENSES:**

- Samyang Cine Prime EF mount 14mm T3, 35mm T1.5, 85mm T1.5 lens set
- Sigma 70-200mm F2.8 DG OS HSM Sport EF mount
- Canon 17mm-40mm wide angle 4F L series lens

## **TRIPOD & GRIP:**

- Manfrotto MVK502AM-1 video fluid head tripod
- Libec ALLEX 8 video fluid head tripod
- Libec ALLEX S8 Slider 28' slider range

## **AUDIO RECORDING/ MONITORING:**

### **Microphones:**

- The Sennheiser MKH 416 shot gun microphone
- The Rode NTG4 shot gun microphone
- The Rycote windshield kit for the MKH 416
- The Rode windshield kit for the NTG4
- The Shure SM7B with Triton Fethead
- The Rode NT1 vocal/broadcast mic with shockmount, windshield and pop filter
- The Rode 2 Go wireless lapel mic kit
- The t.bone freeU Twin 2-channel wireless mic kit
- The t.bone HeadmiKe x 2 with windscreens mic headset kit
- The Zoom H6 with Zoom Midside, XY, and shot gun mic
- The Zoom H3-VR mic

### **Audio interface/ monitoring:**

- Focusrite Scarlett 2i2 3<sup>rd</sup> Gen x 3
- Motu MK4 Ultralight sound card
- JBL series of 5.1 surround sound active studio monitor system with 10" subwoofer

### **Audio accessories:**

- Sennheiser HD-200 Pro headphones x 6
- Wide range of XLR and ¼ jack cabling and adapters
- Mic stands and mic supports

### **VIRTUAL REALITY & 3D:**

- Oculus Rift, controllers and 3 sensors
- Oculus Quest x 3
- Garmin Virb 360 video camera
- 3D hand held scanner
- 3D PLA printer
- 3D Resin printer (TBC contact for update)
- Small green screen backdrop and studio green screen with 3 point lighting
- ZBrush 3D modelling licensed software
- 3D modelling slicing software

### **LIVE BROADCASTING:**

FSAS is in the process of installing a live broadcast facility. This facility will be ideal for conducting podcasts, live streaming of events, talks, conferences, etc. To operate this hardware and software requires experience. Therefore, you should come with an engineer to operate this facility or you can request this level of support the FSAS technical support. Contact FSAS to enquire about this facility and costs relating to technical support.

- Black Magic Design ATEM Mini Pro
- HD & 4K cameras available upon request
- Pro broadcast audio microphones
- Lighting