



COLUMBUS

4K Multi-Purpose Mobile Unit

Specifications

Vehicle specifications

Length: 60ft (expanded with platforms deployed)
 Width: 17ft expanded (if using 3rd platform)
 Power: CAMLOK 1x 208v 3 phase 200A plus service output of 100A
 Total combined Tech and AC draw is approx 150A per phase. Enviro and Tech can be split.

Cameras (including RF)

Wired for 16 4K/UHD cameras or 20 Sony SMPTE cameras
 (8) Sony HDC-4300 SMPTE Chains
 Wired for 6 RF cameras supported by on-board 50ft telescopic mast

Video

Main Switcher: Grass Valley Kayenne K-Frame UHD/3G
 • 128 inputs and 48 outputs
 • 5 full M/Es (4M/E control surface w/Aux bus
 • 2 Clipstore channels
 • 32 Gb image store cache
 • 16 iDPM channels w/full eDPM
 • Flexkey
 • Double Take
 • 4 SetDef MatchDef scalers
 Secondary switch wired for 20 inputs x 8 outputs
 Router: Imagine Communications Platinum IP3 3G
 • 476 Inputs x 448 outputs
 • 136 De-embedding inputs x 96 embedding outputs

- 32 External frame syncing inputs
- 18 MADI inputs and 22 MADI outputs
- 272 input x 48 output multiviewer Conversion & Color Correction
- 8 3G up/down/cross/color correct
- 5UHD up/down/cross/color correct

Replay and record

Wired for 4 x EVS XT3 12 Ch Max
 (1) Spotbox 6 CH
 (1) EVS XFile 3
 (1) EVS IP Director
 (1) EVS XHub 3
 (1) Lance TDC-100
 Wired for 18 SSD/VTR recorders
 1 Simplylive MMR410 USB recorders

Graphics

Wired for up to 4 3G CG engines or 2 UHD CG engines

Audio

Lawo MC256kII Surface w/XT Panel
 • 48 Faders wide with 12 layers
 • 4096 routable inputs/outputs
 • DSP 646 inputs/120 outputs
 • 10 external MADI ports = 576 total faders
 5.1/Stereo
 Monitoring, 64 x AES Input/Output Pairs
 • RTW TM7 meter
 • 128 Audio follows video events
 • 128 VCA channels
 3 Lawo DALLIS stageboxes
 • 32 Mic/Line inputs
 • 32 Line outputs
 • 8 AES Input/Output pairs

3 Andiamo XT stagebox

- 32 line inputs and outputs
- 1 Lawo MADI4 stagebox
- 2 Ravenna 256 channels
- 4 MADI 256 channels
- Trigger Playback
- 8030c 5.1 Genelec main monitoring
- Apple Mac Mini
- w/Waves Soungrid Extreme server
- MErcury bundle
- SSL bundle
- DTS bundle
- Abbey Roads bundle
- Lance System Dante
- 5 ADX 120
- 1 ADX 140
- 1 ADX 2400
- 1 ADX 8000
- 2 DirectOut EXBOX.MD Dante to MADI Converter

Communications (wired)

- RTS Telex Adam
- 7 AIO 16 (112 ports)
- 1 RVON 16 (32 ports)
- 1 MADI 64
- 1 OMI (48 Omnio ports)
- 5 TIFF 2000A
- 8 OMENO External DKP-4016

Communications (wireless)

- Available upon request
- Eclipse HX-Delta Frame
- ClearComm Freespeak 2 IP
- Up to 50 1.9 Gig beltpacks
- 10 Antenna

