



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

Calrec Artemis Ray
 • 64 Faders wide 12 layers
 • 4096 routable inputs/outputs
 • DSP 646 inputs/120 outputs
 • 10 x External MADI ports
 • 64 AES Input/Output pairs
 • RTW TM7 meter
 • 128 Audio Follows Video Events
 • 128 VCA channels
 Trigger playback software
 • 3 Hydra Field Kits
 • 2X 24X8 HYDRA
 • 1X 48X16 HYDRA
 • 3X MANAGED DANTE SWITCHES
 8030c 5.1 Genelec Main Monitoring

Apple Mac Mini

- w/ WAVES Soundgrid Extreme
- Mercury Bundle
- SSL Bundle
- DTS Bundle
- ABBEY Roads Bundle
- Lance System Dante Booth Kit
- 5 ADX 120
- 1 ADX 140
- 1 ADX 2400
- 1 ADX 8000
- GlennSound Dante Booth Kit
- 4x MiniFerno Announce Boxes
- StudioTech Analog Booth Kit
- 3x Model 230 Announce Boxes

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

