

MAESTRO

HD Mobile Broadcast Facility



Specifications

Production

2 – Tier Production Area with split rear console and total seating for 8 including 4 at front console
Miranda Multiviewers & Marshall HD LCD Monitors
(68) Sources on P1 Monitor Wall
(8) Sources on P2 Bench
(4) Sources on P3 Bench

Video

Grass Valley Kayenne Multiformat HD Switcher
- 3 M/E Panel
- 64 Inputs / 32 Outputs

(1) Lance TDC-100 DDR Controller with 2-4 Spotbox channels available

Cameras

Wired for 12 Triax Cameras or 8 SMPTE 4300 CCU's
(6) Sony HSC-300R HD Triax Camera
(3) Sony HDLA-1500
(4) Sony HDVFC750W HD Studio Viewfinder
(4) Sony HDVF-20A 2in HD ENG Viewfinder
(3) Canon 95x9.3 HD Lens w/ stabilization/doubler
(2) Canon 22x7.6 HD Lens w/ doubler
(1) Canon 14x4.3 HD Wide Lens
(1) Sony EX-1 HD ENG Kit / Beauty Camera
(1) Sony PXWX-70 HD Clock Camera
(3) Vinten Vector 70 Heads
(3) Moog Quickset Legs
(3) Sachtler Video 18/20 Tripod

VTR / Media Storage

Wired for 3 EVS & 8 VTRs.
(1) EVS XT3 HD 12 Ch LSM Server
(1) EVS XT3 HD 7 Ch LSM Server
(3) EVS XT Remote Control Unit
(2) EVS LSM Connect 10in Tablet & Keyboard (1) EVS X-File3
** EVS Can be configured for up to 3 Operators+ Spotbox. See EVS Config Options document
(1) AJA KiPro Rack VTR
(1) H264 USB Recorder

Graphics

- Available upon request

Audio

(1) Calrec Omega Digital Audio Console w Bluefin
- 48 Faders
- 64 Analog Mic/Line In / 32 AES pairs in
- 64 Analog Outputs / 32 AES pairs out
- 64 Mono / 48 Stereo / 25 Surround Channels
- 48 Multitrack/IFB busses / 20 Mono Aux busses
- 8 Mono/Stereo
- 2 Madi Ports
(2) Genelec 8020A Studio Monitors
(1) Genelec 7050B Subwoofer
(2) DigicartE+ / RC-220 Remote / Zip & SD Card
(1) Denon DN-C620 Pro CD Player
(1) Black Magic Designs Audio Phase Meter
(25) Wohler/Fostex/Marshall Cue Speakers
(9) Sennheiser ME-66 Shotgun Mic
(8) Crown PCC Boundary Mic
(8) Sennheiser MD-46 Stick Mic
(4) Sony ECM-77 Lav
(2) EV 635 Stick Mic
(4) StudioTech Sportscaster Boxes
(5) Sennheiser Sportscaster Headset
(4) Fostex 6301 Speaker (2 Fixed, 2 Portable)

Communications

RTS ADAM-M 128 Port Matrix Intercom
w/ RVON-16, OMI-16, MADI-48
(18) KP32/4016 Panels, 2 EKP32 (Audio)
(2) RTS TIF-2000 Telco interface
(4) Telos One Telco Hybrid
10 Wet PL & 8 Wet IFB available:
(2) Studiotech 47 Wet Line PSU
(1) RTS SSA-324/PS-20 Wet Line PSU
(1) RTS SAP-1626 Source Assign Panel
(2) Studiotech 42 IFB PSU
(12) RTS BP-325 Belt Packs
(8) RTS 4030 IFB Belt Pack
(2) RTS Biscuit Boxes (1 PL, 1 Matrix)
(2) Motorola 2-Way Radio Base Station interfaced
(6) Motorola Portable 2-Way Radio
(16) Station 8 Line Avaya Phone System

Video Op

(2) Sony PVM-A170 HD Color Grading Monitor
(1) Tektronix WFM-5000 Waveform/Vectorscope
(1) 17" HD Program Monitor
(12) Camera sources on Monitor Wall

Terminal

(1) Tallyman Control System
(1) Sony HDS Series Router
- 128x128 HD Video
- 128x128 AES Audio Pairs
(1) BMD HD Video Router
- 72x144 HD Video (monitors & multiviewers)
(5) AJA FS1 Frame Sync
(4) AJA FS2 Dual Frame Sync with color correct
Total Available Frame Sync Channels = 13
(1) Auxiliary Audio Embedders
(2) Auxiliary Audio De-embedders
(2) Demods (1 analog, 1 digital)

Additional Monitors / Lighting

(4) 19in 16:9 HD LCD TV/Monitor
(4) 13in 16:9 HD LCD TV/Monitor
(2) Lighting Kits (5 tungsten & 2 LED heads total) I.T.
(1) HP Color Laser Printer/Copier with AirPrint

Cable:

AC Feeder: 150ft
Triax: 8x330ft, 6x165ft, 8x100ft, 6x50ft DT12:
4x300ft, 4x100ft
6 Pair Audio: 1x200ft, 1x150ft 5 Wire BNC: 3 x 150ft
10 Wire BNC: 1 x 100ft
1000ft TAC-12 ST Fiber
1000ft TAC-4 ST Fiber
Fiber Conversion: 2 Rattler & 4 BMD Sets

Mobile

Gerling Super Stallion Series on Peterbuilt Chasis
Overall dimensions: L: 40ft, W: 8ft6in, H: 13ft3in
Gross weight: 50,000lbs
Footprint including stairs/doors: L: 45ft, W: 16ft
Power requirements: 150A Three Ph 120/208

