

EXPANDOLINK SPECIFICATIONS

VIDEO

Sony 7350 component digital switcher, 36 input, 3.5 M/E
DMK 7000 & 2 channel DME 7000
(Compact Sony DVS 2000C 1 M/E control panel available for back bench)
Abekus still store system
(6) Pixel VS5200 frame synchronizers, analog or digital inputs
(2) AJA FS1 frame synchronizers/up down converters, analog or digital in/outs
(2) Leitch EPS575, frame synchronizer conversion
Clean-feed option
DSS receiver
806 Patch points
True 601 & Analog Tektroniks Waveform monitoring
4 Channel Wohler powered speakers at producer, director and graphics positions

ROUTING

Sony DVS 64 x 64 SDI video router
Pesa Cougar 32 x 32 stereo analog audio router
Router PC controlled

RECORDING

4 Sony BVW D75 VTRS (utilizes standard Beta SP tape)
3 Sony DVW-500 DigiBeta VTRS
(2) DNF ST300 Slow motion controllers w/T-Bar
EVS 4 Channel LSM XT, Multi-cam version software
ESE master clock/time code generator
Time code patch panel
RS422 patch panel, for machine control
(5) sets Wohler audio monitors
(6) VTR Router panels
Tektronix 1710B & 1750 Waveform/Vectorscope
(1) Sony 13" high resolution monitor
Doremi 2 Channel DDR, w/front panel controls.

CAMERAS & SUPPORT

(6) Sony BVP-570 Triax cameras w/ 550 CCU's
(2) Sony BVP-950 Triax cameras w/550 CCU's
(2) Sony BVP-900 Triax cameras w/700A CCU's
(w/SDI Output option) with remote control panels and master set up console
(8) Canon 18x1 lens w/internal focus
(6) Cartoni Delta two stage tripods w/fluid heads
(4) Studio kits for hand-held cameras
3 Sets of Dolly Wheels
Arri Lighting Kit

GRAPHICS

2 Channel Chyron LEX Duet, with Matrox Clyp Player, Dual 3.2 Ghz Xeon @ 800 MHz FSB, 2 GB RAM, Lyric 5.25 Software, CMIX
2nd bench graphics station w/ 5-color monitors, 803 master station
w/ 2 RM-325 user station for intercom
2 router panels, 4 channel Wohler audio monitor

AUDIO

Allen & Heath ML4000 40 input audio console
8 VCA/8 Group/12 Aux
(2) DBX 266XL dual channel compressor gate
(2) DBX 166XL dual channel compressor limiter/gate
(1) Digicart II+ with 250 zip
(1) Digicart II+ with 1000 zip
Sony Professional CD Player
(2) Telos (One + One)
(3) Telos Links, for intercom
(1) Inn Keeper 4 Digital Hybrid Telephone Interface
DK Stereo phase scope & analyzer with LCD display
(2) Genelec Nearfield powered bi-amp'd speakers
(4) LCD Monitors
(1) Wohler 4 channel audio monitor
Analog & AES Audio monitoring via DK MSD600
816 Patch points
2 Channel Rane Delay processor

AUDIO SUPPORT

(4) Sennheiser shotgun mics (2 short/2 long)
(6) Sennheiser E 845 Stick mics
(4) ECM-77 lavalier mics
(3) Countryman IsoMax E6 EarSet Microphones

COMMUNICATION

RTS 1626 20 output/2 channel source assign panel
(8) RTS BP325 Belt Packs w/headsets
4010 IFB Controller (8 IFB boxes for headline IFB and earpieces)
(8) IFB Belt Packs
(4) Daltech sportscaster box w/Sennheiser HMD 25-1 sportscaster headsets
(8) 803 master stations w/hot mic & PGM IN, 9 *powered channels*
(1) Clearcom to RTS interface
Panasonic 8 line telephone system
Fax/Copier/Printer, networked

ALSO AVAILABLE

(1) Fujinon 70x Lens
(4) Canon 55x Lenses
(2) Cannon 20x Box Lenses
(1) Fujinon 8.5 x 5.5 Wide Angle Lens
(1) Sony J8x6.84S x 12 Wide Angle Lens
(2) Wide Angle Lens Adapters with Zoom Through
(2) Parabolic Mics
Codi Teletrator
(1) Shure Wireless mic & IFB system
Lightweight air pedestal w/wheels

ANTENNA SYSTEM

AVL 2.4m Parabolic Antenna
3 Port Ku
Research Concepts RCI-3000 antenna controller
Tektronix 1705 Spectrum Analyzer

EXCITER/MODULATOR

(2) Miteq U-9696-3 Ku Band Data Quality upconverters (70Mhz)
(2) Miteq VM 100R modulators
High gain output (+10dbm)
Three Audio Sub carriers
Redundant Switchover, Dual Feed Available
Dual IF filters for full and half transponder operation

DIGITAL UPLINK

(2) Tiernan TE6000 Encoders
(1) Tiernan TE4000 Encoder
Analog composite video or serial digital video inputs
4 channel Audio

HPA

(2) MCL 10999
(1) MCL variable power combiner

RECEIVER

(2) Agile Omni analog receivers
(2) Tiernan TDR60 IRD Integrated Receiver Decoders
(2) Norsat KLN8.8-PL25A phase-locked digital-ready LNBS, +/-25kHz, .8dB PLL

On Line: October 2002

Overall Length: Length - 40', Width - 8.5', Height - 13.4'

Operational Footprint: Length - 40', Width - 12.5', Height 24.4 (w/antenna deployed)

Expanding Side: 15' in length (4' from side)

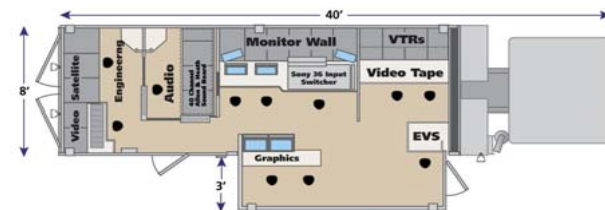
Combination Weight: GVWR 54,000 lbs

Power Requirements: 200 Amp, Single Phase, 208-240 Volt

On Board Generator: 20kW Kohler (for set up only)

A/C: Dual 48,000 BTU units for redundancy

* Specification subject to change without notice.



* seats approximately 11 crew personnel
last revision 4/27/10