



# ND3 HD

revised: 5/6/10

## CAMERAS & LENSES

- 20 Sony HD CCUs for Fiber Operation
- 12 Sony HDC-1000 Hard HD Cameras
- 9 Sony HDC-1500 Hand Held HD Cameras
- 2 Sony Super Expanders
- 2 Sony HDW-F900 1080i Camcorders
- 3 Canon HD 100x Zoom Lenses
- 9 Canon HD 86x Zoom Lenses \*
- 8 Canon 22x7.8 HH Lens
- 2 Canon 11x4.7 Wide Angle Lenses
- 17 Vinten Vector 70 Pan Heads with Matthews Tripods
- 10 Vinten Vision 20 HH Tripods & Panheads
- 15 Triax Adapters for (Lunch Box Triax to SMPTE)
- 2 Sony HDC-3300 Super Slo Mo HD Cameras

*Truck wired for 24 CCUs  
with Senior Video Position*

\* lenses Sports Media modified

## PRODUCTION

- Sony MVS-8000A Production Switcher
  - Abekas DVEous Dual Twin HD DVE with CPL control
  - 160x128 GVG Trinx HD Video Router
  - EVERTZ 192 Input MVP System
  - 20 32" LCD Monitors
- reconfigurable P2 console for Golf & NFL*

## MAIN AUDIO

- Calrec Alpha Digital Audio Console
- 86 dual layer faders
- w/Bluefin DSP Processing
- GVG Concerto Analog AES Router
- 96x96 Analog Stereo Audio Router
- 160x160 AES Audio Router
- Analog & AES Internal Cross Conversion Capability
- 2 Dolby E Multi-channel Encoder & Decoder
- 1 Dolby Pro Logic Surround Encoder & Decoder
- 1 Dolby AC3 Encoder & Decoder
- 1 Digicart Instant Replay
- 2 Digicart E
- 1 Denon CD Player
- 1 D&K Digital Audio Scope
- Genelec Monitor Speakers, L-C-R-LS-RS-Subwoofer
- 2 Studio Technologies Stereo Synthesizers

## EFFECTS AUDIO

- Calrec Q2 Audio Console
- 60 dual Stereo faders 48 with MIC Pre
- 1 Dolby Digital Decoder
- 1 Digicart II with 150mb Bernoulli and 100mb Zip Drive
- 1 Denon CD Player
- 1 D&K Digital Audio Scope
- 1 Genelec Monitor Speakers, L-C-R-LS-RS-Subwoofer
- 2 Studio Technologies Stereo Synthesizers

## MICROPHONES

- 12 Sennheiser MD46 Stick Microphones
- 6 Sennheiser HMD-25-1 Announcer Headsets
- 6 Sennheiser MKH 816T Long Shotgun Mic
- 6 Sennheiser MKH 416T Short Shotgun Mic
- 15 Shure RE 16 Hand Mic's
- 6 Shure Beta 87 Talent Mic's
- 11 Sony ECM 55b Lav Mics
- 5 Sony ECM 77b Lav Mics
- 2 PZM 30F Microphones

## GRAPHICS

- 2 AVID DEKO 3000 4 Clip Engines and Arrays
- 1 AVID Thunder HD
- EVERTZ MVP 192 Input Monitor System
- 12 - 32" LCD / 2 - 17" LCD
- 1 Sportswriter Telestrator

## POWER REQUIREMENTS (each unit)

- 208 volts, 3 phase, 225 amps
- A Unit 1 - 225 amp drops required
- B Unit 2 - 225 amp drops required
- C Unit 1 - 150 amp drops required
- 150' Power Cable for each MU in 75' Lengths

## RECORDING & PLAYBACK

- 2 Sony SRW-5500 HD VTR (SRW & HD Cam Recording)
- 1 Sony SRW-5000 HD VTR (SRW & HD Cam SR Recording)
- 1 Sony HDW-M2000/20 HD Cam VTR
- 1 Sony HDW-M1800 HD Cam VTR
- 1 Sony DVW A500
- 6 EVS HD LSM XT[2] 4 In, 2 Out Server
- 2 EVS HD LSM XT[2] Server with Super Motion
- 1 EVS Spot Box, 4 channel
- 1 EVS HD LSM XT[2] 2 in 2 Out, 4 channel
- Sport Net HUB for EVS LSM & Spot Box
- 3 X-Files (2 w/ X-Treme)
- 1 EVS IP Director System
- 4 Lance Slo-Mo Controllers
- 2 DVD Burners
- EVERTZ 144 Input MVP system
- 10 - 32" LCD Monitors Front / 2 - 32" LCD Monitors Back

## EDITING

- 1 Final Cut Pro Edit Station (wired for two)
- 1 Shared Storage Array
- GVG Kayak PGM PST Switcher
- 1 Sony SRW-5500 HD VTR (SRW & HD Cam Recording)
- 1 Sony HDW-M2000/20 HD Cam VTR
- 1 HD Waveform/Vector
- HD Monitoring
- 1 EVS IP Director System
- 1 DVD Burner

## COMMUNICATIONS

- Telex ADAM Matrix Intercom
- 180 square matrix
- TIF - Telephone Interface (4 lines)
- 12 Wet RTS TW PL Channels
- 12 IFB Channels
- 3 RVON -VOIP Adapter
- 3 Gentner QKts
- 20 RTS IFB Beltpacks
- 32 RTS BP-325 Dual Listen Beltpacks
- 3 Telos One Interfaces
- Lucent Partner II Phone System - 16 lines
- Proctor 8 Channel Auto Ring Down

## SUPPORT EQUIPMENT

- HD, SD and Analog Output of all sources, PGM, PST, M/Es &, TX*
- 18 GVG Upconverters
- 6 FOR-A HD Color Correctors
- 6 GVG / Teranex Downconverters
- 18 GVG HD/SD Frame Syncs / Color Correctors
- 20 GVG NTSC to Digital Converter Frame Syncs
- 20 GVG SD to NTSC Encoders
- 6 Outboard Router Heads CP-330 2 3808/3809 X/Y1 3800 x/y
- 1 Outboard KP-98 JEP 100 router TM KIT
- 3 Outboard ADAM KP-12
- 1 Frequency Agile TV Modulator
- 2 Frequency Agile TV Demodulator
- 1 Direct TV HD DSS Receiver
- 2 Time Code Reader / Generator

## CABLE

- 12 SMPTE Fiber Optic Camera Cable - 500 ft
- 12 SMPTE Fiber Optic Camera Cable - 250 ft
- 2 SMPTE Fiber Optic Camera Cable - 5 pair 100 foot Looms

## OUTBOARD MONITORS

- 3 22" HD LCD Monitors
- 6 13" Color Monitors ( SDI 4x3 or 16x9)
- 6 9" Color Monitors

## DIMENSIONS

- 53" long x 13' 6" high x 8' 6" wide (all units)
- 81' 6" long x 13' 6" high x 19' 2" wide - expanded w/tractor (A & B units)
- 61' 6" long x 13' 6" high x 19' 2" wide - expanded without tractor (A & B units)
- A Unit: Tractor# PA AF44710 / Trailer# PA PT7888J
- B Unit: Tractor# PA AF44652 / Trailer# PA PT7889J
- C Unit: Tractor# CA UP48236 / Trailer# PA PT6755J
- Total Weight per unit 80,000 lbs