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# Northstar

**Dimensions/Working Area:** 53' Expando with a 64' by 24' Recommended Working Area

**Power Requirements:** 1x 208 Volt, 3-Phase, 400 Amps, or 2x 208 Volt, 3-Phase, 200 Amps

**A/B Units:** A Unit

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## VIDEO PRODUCTION & EFFECTS

Grass Valley HD Kayenne Classic  
96 Inputs/48 Outputs  
4.5 Mix/Effects Busses  
Still Store With Animation

## ROUTING

288x576 Pesa HD Video  
704x576 Pesa DRS Mono Audio Router (AES & Analog)

## CAMERAS & SUPPORT

10 Sony HDC 1500 MultiFormat Cameras  
7 Sony HDLA Large Lens Adaptors  
10 Sony HDFX/HDTX SMPTE Fiber To Triax Converters  
7 Matthews MT1 Heavy Duty Tripods  
7 Vinten Vector 70 Panheads  
4 Miller Arrow 55HD Fluid Head With 1741 Tripods  
2 Vinten Studio Wheels For Hard Cameras  
2 Miller Studio Wheels For Hand Held Tripods

## LENSES

6 Canon Digi Super 75 X 9.3 Lenses, Servo & Manual Zoom  
3 Canon 22x7.8 ENG  
2 Canon 11x4,7B Wide Angle ENG, Optional\*

## EVS

2 EVS 6 Channel HD XT3 LSM With HighSpeed XNet Network  
1 EVS 4 Channel HD XT3 Spotbox W/ Lance TDC 100 Controller  
1 EVS XFile3

## TERMINAL EQUIPMENT

30 Fortel HD Frame Syncs With Color Correction And Cross Conversion  
15 Fortel SD Frame Syncs With Color Correction

## GRAPHICS

1 Chyron Mosaic

## AUDIO

1 Calrec Sigma Bluefin Surround Sound Console  
320 Channels  
64 Dual Layer Faders  
64 Mic/Line Input  
32 Line Input  
96 AES Input/96 AES Output  
112 Line Out  
2 Digicart E, Remote Control, Keyboard, Zip Drive  
6 DBX 160a Compressor/Limiters  
6 Rane AVA 22 Stereo Digital Delays  
1 Tascam CD Player  
10 Sound Devices MP1 Mic Pre  
10 Sound Devices MM1 Headphone Amps  
SRS and Dolby Surround processing Optional\*

## MICROPHONES

8 Sennheiser HMD 25 Headsets  
8 Studio Technologies 210 Talkback/Cough Boxes  
6 Beyer M58 Handheld Mics  
12 Sennheiser MD46 Handheld Mics  
6 Beyer MC836 Short Shotgun Mics

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6 Beyer MC837 Long Shotgun Mics  
6 Sennheiser MKH 416 Shotgun Mics  
6 Electro Voice 635A Handheld Mics  
6 Sony ECM 66 Lavalier Mics  
6 Sony ECM 77 Lavalier Mics  
Big Ears Parabolic Dishes Available Upon Request

## COMMUNICATIONS

Adam 144 Port Intercom System  
12 Powered TwoWire Channels  
12 IFB Channels  
Camera Iso Channels  
16 RVON Ports  
23 KP 32 Programmable Master Stations W/Lightweight Headsets (4 With RVON)  
10 KP 12 Programmable Master Stations W/Lightweight Headsets  
RTS BP 325 Belt Packs  
IFB Boxes  
SPK300 Single Listen Biscuit Boxes  
Single Muff DT108 RTS Headsets  
Dual Muff DT109 RTS Headsets  
8 Motorola HT750 Portable Radios  
2 Motorola Base Radios With Intercom Integration  
16 Line Avaya IP Office Phone System With 30 Extensions  
4 RTS TIF2000 Telephone Interface  
2 Telos 1+1 Telephone Hybrids (QKT)  
12 Outboard Analog Monitors