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MATRIX

Redefining "carry-pack," **MATRIX** - AMV's new transportable production system is the result of over twenty-five years of remote production experience. AMV engineers accepted the daunting task of designing and building a carry-pack which offered all the technical capability of one of our marquee production trucks. Furthermore they were challenged to create an infrastructure that was both High definition and Standard Definition capable. The system needed to be scalable, adjusting to the size and scope of any particular project. The result is a system that has no equal, the consummate portable production facility designed to handle the most demanding entertainment or sports project, yet adaptable to smaller less complicated productions as well. The debut at NAB 2004 was so successful that the editors of DigitalTV magazine recognized AMV's achievements by naming the MATRIX system "*Pick of Show*."

MATRIX supports your production staff by providing world class facilities to be shipped anywhere in the world. Whether your project is a live morning talk show on a cruise ship at sea or a beauty pageant in Bangkok Thailand, Matrix allows your staff to achieve their best by giving them comfortable, powerful, no compromise technical facilities. AMV engineers have gone so far as to design even the system's furniture, insuring that no detail has been forgotten. We'll make you feel so at home, don't be surprised if your staff starts calling our control room, "the truck!"

SWITCHER

- Sony MVS8000 multi-format (HD / SD) 4 ME Production switcher 68 (x48) inputs

CAMERAS

- Wired for sixteen HD or SD cameras
- SMPTE camera fiber or triax capable
- Models available include:
  Sony HDC1500 / HDC1000
  Sony HDC950 / HDC900
  Sony HDC750 / HDC700
  Sony BVP950 / BVP900
  Ikegami HK388

LENSES

Models available include:

- Fujinon XA87x13ESM HD Box (13 to 1131mm) zoom lens with stabilizer
- Fujinon XA101x8.9ESM HD Box (8.9 to 899 mm) zoom lens with stabilizer
- Fujinon XA87x9.3ESM HD Box (9.3 to 810 mm) zoom lens with stabilizer
- Fujinon HA66x9.5ESM HD Box (9.5 to 627 mm) zoom lens
- Fujinon HA22x7.8 HD TV-Style (7.8 to 172 mm) zoom lens

Director of Engineering, Lee Blanco

LENSES (continued)

- Fujinon HA20x7.8 HD TV-Style (7.8 to 156 mm) zoom lens
- Fujinon HA13x4.5 HD TV-Style (4.5 to 58.5 mm) zoom lens

MONITOR WALL

- Fifty Seven screen display
- SDI and HDSDI signal path
- Tri-color tally & identification

EFFECTS

- Four channel DME built into switcher
- Scitex DVEous MX Dual (optional)
- Scitex DVEous Dual/Twin (optional)

GRAPHICS

- HD / SD still store built into switcher
- Leitch Stillfile (optional)
- Chyron HD Duet (optional)
- Pinnacle Deko 3000 (optional)
- Chyron Infinit! (optional)

VTRs

Models available include:
- Sony HDCAM SR
- Sony HDCAM
- Sony DigitalBetacam
- Panasonic D5
- Panasonic DVCPROHD

DDRs

Models available include:
- EVS HD LSM-XT (4) Channel (2- in, 2- out) server
- EVS HD/SD XT [2] 4 Channel Server
- EVS HD/SD XT [2] 6 Channel Server
- Tektronix Profile

VIDEO ROUTER

- 128 x 128

AUDIO

- Calrec ZETA digital audio console
- Klotz audio router

COMMUNICATIONS

- 136x136 Adam system

HIGH DEFINITION FORMATS

- 1080/60i
- 1080/50i
- 1080/24p
- 1080/25p
- 1080/30p
- 720/60p

RACK INTER-CONNECT

- Via patented video/audio quick connects

POWER REQUIREMENTS

- 200 amps per leg, 3 phase (exclusive of airconditioning)

AIR CONDITIONING

- Suggest 20 tons primary, 20 tons back-up requested

SPACE REQUIREMENTS

- Variable subject to number of cameras and tape machines, and desired configuration of control room.
- Typical 1 bench control room, 6 cameras, 8 tape. 800 sq ft.
- Typical multi-bench control room, up to 16 cameras, up to 16 tape. 3,100 sq ft.

ESTIMATED WEIGHT & CASE COUNT

- Typical 6 cameras, 8 tape; 250 road cases, 25,000 lbs
- Typical up to 16 cameras, up to 16 tape, 350 road cases, 44,000 lbs.