



4K iP25 AUSTRALIA MOBILE UNIT INFORMATION

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NEPGROUP.COM



Single Trailer Unit

4K iP25: TECHNICAL SPECIFICATIONS

MECHANICAL

- NON-EXPANDED ROAD TRAVEL DIMENSIONS – 15.0M LONG, 2.5M WIDE, 4.3M HIGH
- DOUBLE EXPANDER FULLY DEPLOYED DIMENSIONS – 17.9M LONG, 4.7M WIDE, 4.3M HIGH

ELECTRICAL

- 2 X 415V, 80A MARECHAL DS6 INLETS (TECHNICAL + UTILITIES) – MAIN SUPPLY
- 2 X 415V, 80A MARECHAL DS6 INLETS (TECHNICAL + UTILITIES) – BACKUP GENERATOR SUPPLY
- 6 X EATON 11KVA UPS' – TECHNICAL POWER BATTERY BACKUP
- TECHNICAL & UTILITY 240V AU OUTLETS

NATIVE SMPTE 2110 4K ENVIRONMENT

PRODUCTION

- 2 TIER PRODUCTION AREA
- 8 X 49" MULTIVIEW MONITORS (MAIN WALL)
- 7 X 24" MONITORS (REAR BENCH)
- SONY XVS9000 VISION MIXER, 5ME, 80 X 4K INPUTS (160 X 1080P) & 40 X 4K OUTPUTS (80 X 1080P)
- 5 ROW X 36 XPT CONTROL SURFACE
- 4 CHANNELS 4K 3D DME
- 10 FULL KEYERS + 10 SUB KEYERS
- KEY FREEZE

AUDIO

- LAWO MC256 MKIII AUDIO CONSOLE
- 80 PHYSICAL FADERS, 6 BANKS EACH WITH 2 LAYERS
- FULL REDUNDANT UHD CORES WITH 1024 DSP CHANNELS (UP TO 832 INPUTS WITH A/B INPUT, UP TO 128 AUX BUSES, UP TO 128 GROUPS, UP TO 128 MAIN SUMS, UP TO 96 TRACK BUSES, 32 AUTOMIX GROUPS)
- 96 SURROUND CHANNELS, 128 VCA GROUPS WITH METERING, 256 GP CHANNELS
- SURROUND FORMATS: DTS & DOLBY® DIGITAL 5.1, DOLBY® PRO-LOGIC 4.0, DTS ES & DOLBY® EX 6.1, SDDS 7.1, DTS-HD 7.1,
- DIVERSEPANNING CHARACTERISTICS, SURROUND AUX BUS
- AUDIO-FOLLOW-VIDEO WITH 128 EVENTS,
- 5 X STAGE 64, IP EXTERNAL I/O STAGEBOXES
- 2 X STAGE 80, IP INTERNAL I/O STAGEBOXES
- MADI 6 INTERFACE
- GENELEC SAM SURROUND AUDIO MONITORING
- SPOT ON AUDIO REPLAY SYSTEM
- WAVES FX SERVER AND BACKUP AMU

COMMUNICATIONS

- RIEDEL ARTIST 1024 TALKBACK SYSTEM
- 256 PORT
- RSP1232 2RU & RSP1216 1RU SMART PANELS
- 15 X BOLERO BELTPACKS
- PSTN PHONE HYBRIDS
- 4 X HYTERA REMOTE UHF TALKBACK BASE STATIONS

REPLAY

- 8 X EVS XT VIA 12 CHANNEL SERVERS
- 1 X EVS XS VIA 6 CHANNEL SPOTBOX
- EVS XFILE, XHUB VIA, IP DIRECTOR

CAMERAS

- 20 X SONY HDC3500 IP CAMERAS
- 4 X SONY HDC5500 HFR 8X IP CAMERAS
- 4 X SONY BRCX1000 POV CAMERAS
- 2 X SONY PXW-Z450 CAMCORDER/ECLIPSE RADIO CAMERA SYSTEM
- 4 X SPECIALTY NEP POV MINI CAMERAS

ROUTING

- NEP'S TFC COMBINED BROADCAST AND SOFTWARE DEFINED NETWORKING CONTROL
- FULL CISCO RED/BLEU NETWORK ARCHITECTURE
- LAWO V_MATRIX CORE PROCESSING WITH 28 X C100 PROCESSING CARDS (12 OF WHICH ARE DEDICATED DISTRIBUTED MULTI-VIEW CARDS, PROVIDING 44 X DMV OUTPUTS)
- EXTENSIVE RIEDEL EM VIRTU & FUSION ENCAPSULATION/DE-ENCAPSULATION



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PRODUCTION MONITOR WALL

				PGM		PVW					

Templates

16 Way

9 Way

4 Way

