

### **FOR-A HVS-300HS Hanabi HD 12 input 1ME Production switcher**

- 12 - HD-SDI inputs each with upconverters
- 2 HD Still Stores
- 16 channel multi viewer built in
- 5 HD outputs with 1 SD downconvert
- 3 AUX panels
- 2 channel picture-in-picture
- 2 keyers each with 2D DVE and chromakey
- Multi-Format: 1080/60i, 1080/59.94i, 1080/50i, 1080/24PsF, 1080/23.98PsF, 720/60p, 720/59.94p, 720/50p, 525/60 or 625/50 (SD)

### **Miranda Kaleido Multiviewers**

- **ALTO** - 10 input (HD,SD, Composite)
- **X16** - 16 input dual head

### **BlackMagic HD/SD-SDI ROUTERS**

- 40x40, 16x32 and 16x16 SDI Routers
- SmartControl programmable router panels

### **TERMINAL GEAR**

- Evertz 7710DCDA-HD DA and downconverter
- Evertz 7700DA6 (x2)
- Evertz 7721AE-A4-HD embedder
- Evertz 7751SRG-HD sync generator
- Evertz 5010-24 Timecode Generator
- AJA FR1 w/ HD downconverters
- Brainstorm SR-15+ Time Code Distripalyzer
- Link 1x6 analog VDA (x9)
- AJA HD5A HD-SDI DA's (x15)
- AJA HD10MD3 downconverter
- AJA D4CE SDI to NTSC converter (x2)
- AJA D10CE Component/NTSC to SDI converter
- Harris HD-STAR portable test generator / waveform / vectorscope
- AES / Aanalogue Q-Box

### **DISPLAY**

- 1 - 60" LCD LED 1080p displays
- 1 - 52" LCD LED 1080p displays
- 2 - 47" LCD LED 1080p displays
- 4 - 42" LCD LED 1080p displays
- 8 - 20" LCD HD Displays (HDMI)
- 2 - Panasonic LTM1700 17" LCD (HD/SD-SDI)
- 2 - Sony LMD 17" Reference LCD (HD/SD-SDI)
- 2 - Marshall 17" HD LCD's (HD/SD-SDI)
- 2 - Sony 13" PVM14L5 CRT with SDI input card
- 2 - IKAN 7" HD LCD monitors
- 4 - Marshall 7.2" LCD's (composite / battery operated)

### **PRODUCTION AUDIO MONITORING**

- Yamaha, K&H and Mackie reference monitors
- Presonus Monitor Station speaker control and talkback

### **CAMERAS and SUPPORT**

- Sony PMW-EX3 XDCAM EX Cameras
- Sony PMW-F3 Super35 Cameras
- 32GB SxS Cards (2hrs of HD per card at 35Mbit)
- IDX CamWEVI Wireless HD-SDI systems
- Sony PL mount prime lens set (35, 50, 85mm)
- Fujinon ZA22x7.8 2/3" HD Lens
- Fujinon 13x3.3 1/2" HD Lens
- Centruy Optics .75x wide angle adapter
- Fujinon ACM21 2/3" to 1/2" adapter
- Manfrotto 526 and 503 heads/tipods
- Sachtler 20 & 14's

### **VIDEO RECORD/PLAYBACK**

- Sony PMW-EX30 HD-SDI record to SxS Cards
- AJA Ki PRO records directly to any Apple ProRES format
- DVD Recorders
- XDCAM EX Files are immediately backed up onto Glyph QT062 RAID triple interface drives for use with AVID and Final Cut Pro
- Sony DSR-80 DVCAM w/SDI and AES inputs

### **LiveEdit RECORD SYSTEM**

- 8 channel ingest to 64TB high speed SAN
- Media available to multiple editors immediately, as soon as record begins.
- supports up to 24 HD streams over FiberChannel and iSCSI
- record ProRES, DNxHD, DVCPProHD

### **FINAL CUT TAPELESS RECORD SYSTEM**

- 10 - AJA Ki Pro recorders
- Apple ProRes HQ
- Backup to Glyph 4TB RAID drives
- Long-term archive to LTO-5 tape drives

### **COMMUNICATIONS**

- 6 channel dial up RTS systems
- RTS SAP612 source assign panel
- BTR325 beltpacks with headsets
- BTR800 wireless PL base stations
- BTR825 dual channel RF beltpacks
- BTR300 wireless PL base stations
- BTR300 single channel RF beltpacks
- Lectrosonic UHF IFB systems
- RTS, Sennheiser, Beyer & Dave Clark headsets

### **AUDIO CONSOLES and LIVE MIX**

- Yamaha Digital DM2000 (up to 96 inputs)
- Yamaha Digital DM1000 (up to 32 inputs)
- ADAT / AES / ANALOG / MADI in and out cards for Yamaha consoles
- Mackie 1640 (16 inputs analog)
- 48 input Jensen transformer MIC splitter
- Apple MacBook based playback

### **MICROPHONES**

- Audio Technica 5200 Series wireless Handhelds and/or body packs with lavalieres
- Audio Technica 1800 Series ENG wireless dual receivers and butt-plugs and/or body packs with lavalieres
- Complete MUSIC MIC PACKAGE including many specialty microphones (Sennheiser, Neumann, Audio Technica, AKG)
- full assortment of shotgun and audience microphones
- full assortment of MIC stands

### **MULTI-TRACK AUDIO RECORD**

- up to 128 track ProTools HD
- full MADI infrastructure
- 24 track portable/laptop record
- record BWAU (broadcast wav) files with timestamp to external drives
- Brainstorm DCD-8 word clock generator / DA
- APHEX 188 mic pre's
- Presonus DigiMax mic pre's

### **PA SYSTEMS**

- JBL VRX932 line arrays
- JBL VRX918 sub-bass
- JBL VRX915 monitor wedges
- Tannoy i5 under seat speakers (x88)
- Tannoy T12 speakers w/ custom yokes
- EAW fr128z w/ custom yokes (x 16)
- Crown I-T4000 amplifiers
- Crown I-T6000 amplifiers
- Crown XS700 amplifiers
- QUAD digital EQ's w/ analyzer

### **POWER REQUIREMENTS**

- 45AMP - (3, 15AMP 120V circuits) for all audio and video

