

WMVS-DT / WMVT-DT Studio Cband & Ku-Band Uplink Specifications

C BAND Uplink System (RF)

6.1Meter vertex Steerable Dish
MCL 750 Watt Ku-Band VPC System:
MCL VPC RF System (Single Thread Redundant or Dual Thread)
2 – MCL MT4000 750W TWT Amplifiers
2 – Miteq U-9853-6-1K C-Band Upconverters

Ku BAND Uplink System (RF)

6.1Meter vertex Steerable Dish
CPI 750 Watt Ku-Band VPC System:
CPI/MCL VPC RF System (Single Thread Redundant or Dual Thread)
2 - CPI 750W Touch Power TWT Amplifiers
2 – Geo Sync UTR-137148 Ku-Band Upconverters

Digital Encoders / Analog Modulators

2 - Ericsson Voyager II MPEG 2/4 Encoder HD & SD Digital Encoders 4:2:0 / 4:2:2 with BISS encryption Built in modulators to operate at QPSK / 8PSK / DVB-S2 modulation
1 - Tiernan HE4000 Dual HD & SD Digital MPEG 2 Encoders 4:2:0 / 4:2:2 with BISS encryption Built in modulators to operate at QPSK / 8PSK / DVB-S2 modulation
HD & SD multiplexing on a single transponder
2) Scientific Atlanta 7555B Analog Modulators

Receivers

1 –Sencore MRD3187B MPEG 2 & 4 HD & SD Digital Satellite Receivers with DVB-S2 & BISS
1 – Ericsson RX8200 MPEG 2 & 4 HD & SD Digital Satellite Receivers with DVB-S2 & BISS
1-Solomend HD-PVR800 Blind Scan Digital Satellite Receiver
Sencore IRD 3384 ATSC OTA Digital Receiver

Test Equipment

Leader 5700A HD/NTSC Scope,
Tampa Microwave Ku-Band to L-Band Loop Test Translator
2 - Avcom MSA-4570DE Satellite Spectrum Analyzer

Video Switching/Routing

GVG Kayak
GVG Trinx Router

Cameras:

4 - Sony HDCU 900 Camera Control Unit
3 – Sony HDC 900 Studio cameras with prompter
1 - Sony HDC-950 Portable Camera with either Canon 21 x 7.5 ENG Lens or Fujinon 10 x 5.2 ENG Lens, with Zoom and focus extension kit, Sachtler Handheld Tripod

Video Conversion

AJA FS2 HD Cross converter/Frame Sync

Videotape/Server/Editing

Sony HDW-2000 Multi-Format HD-Cam Recorder
Sony PMW-1000 XDCAM deck
Sony DVCAM DSR-2000
Panasonic DVCPRO HD AJ-1200A
Avid Media Composer
AJA-KiPro Rack
Omneon Server

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Audio

Live Shot Audio
Mackie 1602

Studio Euphonix Max Air Digital Audio Console

24 Fader/Control strips 76 Processing channels
32 mic inputs 30 line inputs 30 extra AES inputs
16 Mix/Subgroup buses Mono, Stereo, LCRS, 5.1 & 7.1 Surround Outs
8 Group buses/Clean feed outputs 8 Auxiliary buses
(1) Digicart E (1) CD player (1) Wavelab PC rec/player
(4) Sony WRR-840 wireless Mic systems (Option)
Microphones and additional audio equipment are available on request.

Communications

RTS Adam Matrix system (48 Ports)
KP12's for Director, Producer, Asst Director (12 channels) 8 Channel IFB System (Stereo Capable)
(6) RTS Wired (model 325) Belt Packs Wireless intercom w/ 4 beltpacks
(2) Single channel wireless IFB w/ 2 receivers (10) Beyer DT108 Single Muff Headsets
(10) Beyer DT109 Dual Muff Headsets (4) Lightweight Single Muff Headsets

Video Monitoring

TVLogic 172W
Marshall Four 4" LCD Panel unit
Sony 14" Broadcast Monitor with HD-SDI and NTSC inputs.

Satellite Time Bookings Available

Contact Information:

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