

Address: 2091 Arlingate Lane
Columbus, OH 43228
Phone (614) 297-0001
Fax (614) 297-0002
Contact email: chad@lyonvideo.com



Mobile Unit Equipment Compliment

LYON VIDEO Mobile Unit 9HD

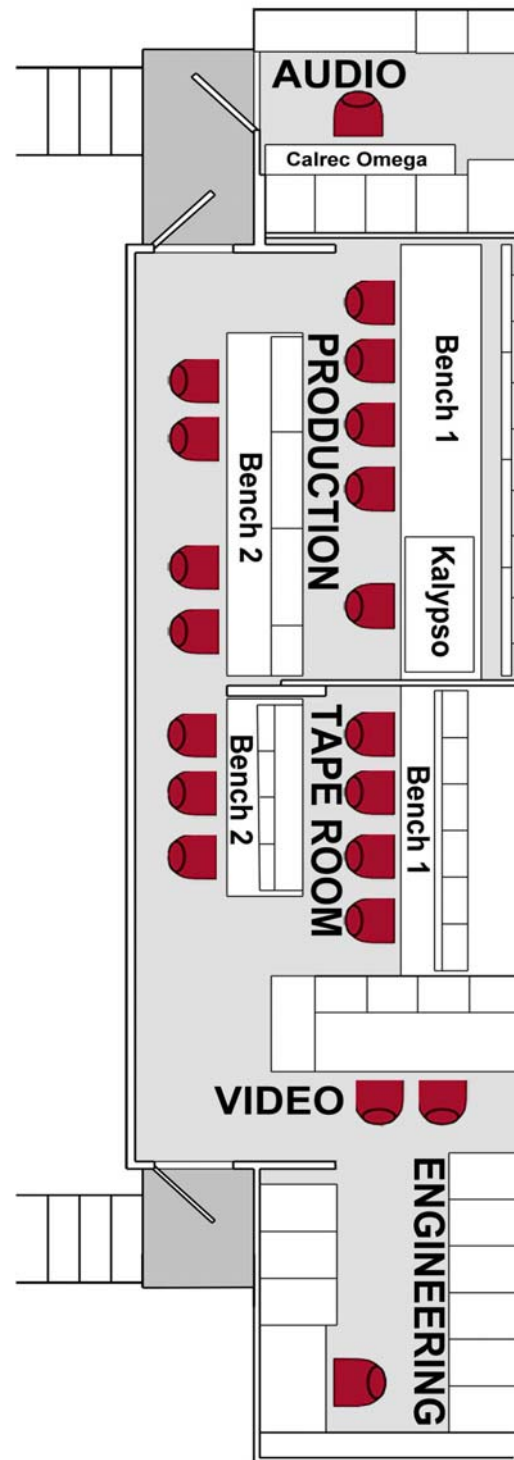
Tractor and trailer GVW is 80,000 lbs
Trailer only GVW is 64,000 lbs
Tractor and trailer length is 77'
Expanding section is 36' L x 4' W
Trailer, unexpanded, is 50' L x 8'6" W x 13'6" H
Trailer, expanded w/stairs, is 54' L x 17'6" W x 13'6" H
Ohio trailer license # TNN 7538

Video I/O front of mobile unit

- 16 Triax connectors
- 360 Video patchable connectors
 - 96 Tie lines
 - 16 Hum trunks
- 16 RJ 45 connectors
- 12 BNC AES transmission paths
- 12 Male XLR analog transmission
- 4 Male XLR ties
- 4 Female XLR ties
- 1 GFIC AC power
- 1 RTS MKP4/MCS325 4 ch intercom station

Audio I/O-rear of mobile unit

- 9 Male DT 12 connectors
- 9 Female DT 12 connectors
- 32 Male XLR patchable connectors
- 32 Female XLR patchable connectors
- SAP outs 20 male/female bridged
- IFB outs 16 male/female bridged
- 8 BNC AES connectors
- 12 BNC AES transmission paths
- 12 Male XLR analog transmission
- 4 Male XLR Router outs
- 8 BNC video connectors
- 48 Binding posts
- 4 RJ 11 connectors
- 2 RJ 45 connectors
- 1 GFIC AC power
- 1 RTS MKP4/MCS325 4 CH intercom station
- 32 binding posts (tally's)



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LYON VIDEO Mobile Unit 9HD 1080i, 720p

Video Equipment

Switching & Effects

GVG Kalypso HD Digital production center
4 ME, 75 inputs, 48 outputs
Dual Chroma keyers, Double take
6 Internal DVE, Kurl effects
Internal animation still store
Image Video TSI 1000 tally system
EVS HD XT Spot Box 4 CH configurable
Lance TDC-100 DDR controller

Graphics Facilities

Chyron Duet Hyper X3
MS Word and Excel, Photoshop installed
500gb Boot DR, 4 x 500gb SATA Raid Drives
DVDR, WFTP

Terminal Equipment

Evertz VIP 12 monitoring system, 20 units
256 x 448 GVG Trinix HD SDI router
3 Harris TVM 950 rasterizer
1 Textronix WVR720 rasterizer
2 Evertz Video PassPort multi-path
video converter and frame synchronizer
28 Fortel SDI to HD SDI up converter/
HD cross converter/frame sync/downconverter
16 w/Color Correction, 8 w/Active Pillars
20 Fortel NTSC to SDI Up/Frame Sync
4 Hotronic AR-31 TBC/framesync
2 AJA D4E-R analog component to SDI
40 Fortel VDA617 HD to SDI & NTSC DC
4 Fortel DVA6115 1x 7 HD SDI ds's
23 Ross UDA7005A NTSC VDA 1 x 8
18 Ross UEA7007A NTSC VDA 1 x 8 w/EQ
2 Evertz master sync gen w/auto change

Data Infrastructure

Data Patching thru out mobile unit
Wireless internet access point
Wired Internet hub

Power Requirements

Input 190-280 volts stepped w/regulated isolated
3 phase, 200 amps per leg, 200' 3 phase cable

Camera Equipment

9 GVG LDK 8000 Elite
capable of 1080i, 720p, - 16 vector color correction
9 GVG LDK Triax basestations, LDK OCP
6 GVG LDK SuperXPander large lens adaptor/7" viewfinder
1 GVG LDK 4607 master control panel
1 Fujinon 101 x 8.9mm HD lens w/2x extender and stabilizer
2 Fujinon 87 x 9.3mm HD lens w/2x extender and stabilizer
3 Fujinon 72 x 9.3mm HD lens w/2x semi-servo & manual controls
4 Fujinon 22 x 7.8mm HD lens w/2x extender for hand held's
6 Vinten Vector 70h pan heads/Shikoto tripods
4 Cartoni Gamma, sticks
3 TV Logic 24" HDTV color monitors in video
2 LPS cameras
wired for 14 cameras

External Monitors

6 15" LCD color monitors
4 9" color monitors
1 Leitch HD Star 9" monitor

Additional Camera Equipment Available (upon request)

Fujinon 4.5mm HH HD wide angle lens
Panasonic HDX-900 1080i/720p DVCproHD Camcorder
Base station repeaters, Low Boys, High Hats, Dollies, HH Build-ups

Recording Facilities

2 HD EVS LSM-XT2 6CH Live slo-motion system
1 HD EVS LSM-XT2 4CH Live slo-motion system
1 HD EVS XT2 replay only 4CH system
1 EVS XFile2 digital archiving - removeable media, net guard hub
2 Panasonic HD1800 DVCpro HD VTR
1 Sony HDW1800 HD Cam VTR
2 Sony DVW-500 Digital Betacam VTR
1 Sony BVW-75 Beta SP VTR
2 DNF ST300-T Slow-Motion controller
2 VHS recorder-player/DVD recorder-player
wired for 3 - 6ch, 4 - 4-channel DDR's and 6 VTR's

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Audio Equipment

Audio Facilities

Calrec Omega Digital Audio Console w/Bluefin
56 Faders w/wild assigns, 64 AES inputs/outputs
128 Mic-line inputs/line outputs, 48 Multi track outs
160 Channels of Digital Signal Processing
1 - 5.1 surround sound mixes = 2 stereo mains
20 mono aux or 10 stereo aux outputs
32 GPI interface ports, 8 Str Grp out
GVG Concerto 512 x 512 converting router
256 x 256 analog, 256 x 256 AES digital
2 DBX 166A stereo compressor/limiters
4 DBX 160A comperssor/limiters
2 360 Systems Digicart/E w/zip
1 Denon Dual CD player
1 DK audio phase monitor
3 Genelec 8040A front monitors in audio
2 Genelec 8032A rear monitors in audio
1 Genelec 7050A sub in audio
3 Genelec 8030A monitors in production
1 Genelec 7050A sub in production
1 Blue Sky bass management in production
1 SRS CSE07-D Circle Surround processor/encoder
1 SRS CSD07-D Circle Surround decoder
12 Ross audio DA
Wholler audio monitors 7-4CH, 11-6CH, 1-2CH
Dolby 571 E endcoder/Dolby 572 E decoder
6 Leitch INT-EX 1 x 8 AES DA
6 Fostex powered speakers

Telephone

Avaya Partner II 18 line telephone system, 22 fixtures

Cable

5000' Audio cable, 1000' 6 pair audio cable
3000' Audio DT-12 pair mult, 500' 2 pair
5000' Video cable, 125' 4-10 wire video mult
250' 3-5 wire video mult
7000' Triax cable, 3 - 4 wire 150' 1/2" Triax mult's

Microphones

6 HMD-25 Sennheiser Talent Headsets w/Daltec boxes
8 Sony ECM-77b lav microphones
7 Shure VP64 microphones
4 Sennheiser MD46 microphones
6 Audio Technica AT835st stereo shotgun microphones
4 Sennheiser MHK816 shotgun microphones
4 Sennheiser MHK416 shotgun microphones
4 Sennheiser ME66 shotgun microphones
4 Sound Device mic to line amp
6 Sound Device headphone/mic pre, line amp

Communications

88 x 88 RTS + 8 CH RVON IP KRONAS intercom
12 RTS KP 32 stations
4 RTS MKP4/MCS-325 4 channel stations/speakers
8 RTS KP12LK 12 channel intercom stations
6 RTS SSA 424 converters, 12-2 wire powered CH's
16 CH 2 wire IFB, RTS 828 Hi power supplies
1 RTS TIF2000 dual telephone interfaces
2 Telos Link telephone interfaces
4 phone coupler/QKT phones
1 Telos One hybrid telephone interface
23 RTS BP325 belt packs
10 RTS 4030 IFB belt packs
28 RTS PH88 light weight headset
25 Beyer DT108 single muff headset
15 Beyer DT109 double muff headset
6 Motorola two way portable radios
2 Motorola base stations interfaced to RTS
Additional equipment available by request
Telex 4 drop wireless PL
Wireless UHF microphones/Wireless IFB
2 way radios
Codi Telestrater
HMI Light Packages
ENG packages, Cable

Lyon Video 1201 Olentangy River Road Columbus, OH 43212





MU # 9 HD PRODUCTION MONITOR WALL, 7-46" LCD displays w/talley-labeling

DATE: _____ PRODUCTION: _____

TD: _____ DIRECTOR: _____ PRODUCER: _____

1				2				3				4			
DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4	DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4	DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4	DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4
				CLOCK				CLOCK							
DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8	PROGRAM	DISPLAY 5	DISPLAY 6		PROGRAM	PRESET			DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8
DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12	DISPLAY 7	DISPLAY 8	DISPLAY 9		DISPLAY 5	DISPLAY 6			DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12

5				6				7				8			
DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4	DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4	DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4	DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4
DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8	DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8	DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8	DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8
DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12	DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12	DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12	DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12

SWITCHER INPUTS:

1	CAM 1
2	CAM 2
3	CAM 3
4	CAM 4
5	CAM 5
6	CAM 6
7	CAM 7
8	CAM 8
9	CAM 9
10	CAM 10
11	CAM 11
12	CAM 12
13	CAM 13
14	CAM 14
15	CAM 15
16	CAM 16
17	VT-A
18	VT-B
19	VT-C
20	VT-D
21	VT-E
22	VT-F
23	DDR 1A
24	DDR 1B
25	DDR 2A

26	DDR 2B
27	DDR 3A
28	DDR 3B
29	DDR 4A
30	DDR 4B
31	DDR 5A
32	DDR 5B
33	DDR 5C
34	DDR 5D
35	DDR 6A
36	DDR 6B
37	DDR 7A
38	DDR 7B
39	DDR 8A
40	DDR 8B
41	FS-1
42	FS-2
43	FS-3
44	FS-4
45	FS-5
46	FS-6
47	FS-7
48	FS-8
49	FS-9
50	FS-10

51	FS-11
52	FS-12
53	FS-13
54	FS-14
55	FS-15
56	FS-16
57	CG 1A FILL
58	CG 1A KEY
59	CG 1B FILL
60	CG 1B KEY
61	CG 2A FILL
62	CG 2A KEY
63	CG 2B FILL
64	CG 2B KEY
65	DVE FILL
66	DVE KEY
67	BUG 1 FILL
68	BUG 1 KEY
69	VHS 1
70	VHS 2
71	DEMOD 1
72	DEMOD 2
73	
74	
75	BARS



MU 9 HD VIDEOTAPE MONITOR WALL, Front 4-28" LCD + 3-9", Rear 2-28" LCD + 2-17"

DATE: _____

PRODUCTION: _____

FRONT:

1				2				3				4			
DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4	DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4	DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4	DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 4
DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8	DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8	DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8	DISPLAY 5	DISPLAY 6	DISPLAY 7	DISPLAY 8
DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12	DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12	DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12	DISPLAY 9	DISPLAY 10	DISPLAY 11	DISPLAY 12
DISPLAY 13	DISPLAY 14	DISPLAY 15	DISPLAY 16	DISPLAY 13	DISPLAY 14	DISPLAY 15	DISPLAY 16	DISPLAY 13	DISPLAY 14	DISPLAY 15	DISPLAY 16	DISPLAY 13	DISPLAY 14	DISPLAY 15	DISPLAY 16

EVS OPERATOR

TAPE OPERATOR

EVS OPERATOR

EVS OPERATOR / TAPE OPERATOR

REAR:

5			6		
DISPLAY 1	DISPLAY 2	DISPLAY 3	DISPLAY 1	DISPLAY 2	DISPLAY 3
DISPLAY 4	DISPLAY 5	DISPLAY 6	DISPLAY 4	DISPLAY 5	DISPLAY 6
DISPLAY 7	DISPLAY 8	DISPLAY 9	DISPLAY 7	DISPLAY 8	DISPLAY 9

EVS OPERATOR

EVS OPERATOR