

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



Mobile Unit Equipment Compliment

LYON VIDEO Mobile Unit 10 HD

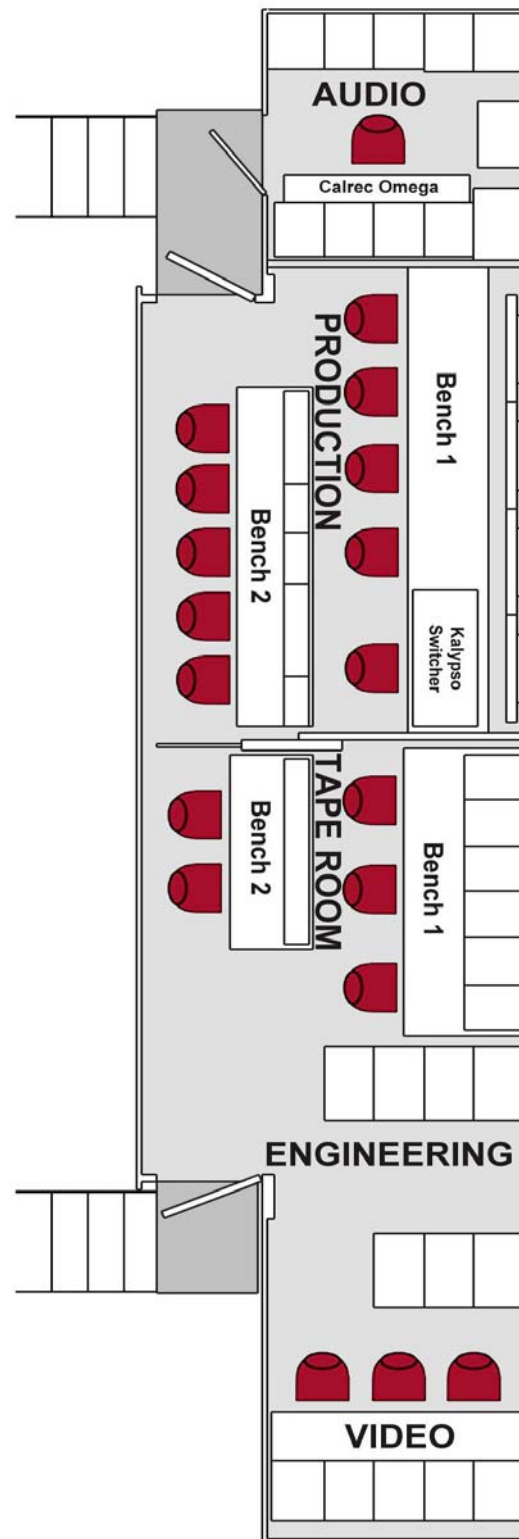
Tractor and trailer GVW is 80,000 lbs
Trailer only GVW is 64,000 lbs
Tractor and trailer length is 79'
Expanding section is 32' L x 4' W
Trailer, unexpanded, is 54' L x 8'6" W x 13'6" H
Trailer, expanded w/stairs, is 57' L x 17'6" W x 13'6" H
Ohio trailer license # TDP 4342

Video I/O front of mobile unit

16 Triax connectors
36 RTR outs, 32 RTR inputs
90 Tie Lines, 16 Hum Trunks
20 Utility DA out each has 2 HD, 2 SD, 2 Analog
3 Analog, 1 HD - DIR, Prod, AD1, AD2, AD3, AD4 outs
16 DA outs 1 SDI, 1 Analog
7 Analog, 2 SDI, 2 HD PGM
9 Analog, 2 SDI, 2 HD Clean PGM
Frame Sync DA 1-16 outputs
TX 1,2,3 - 2 analog, 2 SDI, 2 HD
Analog and AES TX outs for 4 CH
2 VBS, 2 Tri LVL Ref, 2 tuner, SAT
SAP 19, 20 out
8 Analog RTR audio ties
6 AES 75 ohm Tie lines
16 Cat 5 tie lines

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 10 HD 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
DVEous MXHD dual twin DVE 12 inputs
EVS HD XT2 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, Winzip

Terminal Equipment

Evertz VIP 12 monitoring system, 20 units
256 x 448 GVG Trinix HD SDI router
3 Harris TVM 950, 2 Tektronix WVR7020
2 Evertz Video PassPort multi-path
video converter and frame synchronizer
28 Evertz 7712 SDI to HD SDI up converter/
HD cross converter/frame sync/downconvert
28 w/Color Correction, 8 w/Active Pillars
16 Evertz 7736 NTSC to SDI Up/FS
38 Evertz 510 DCDA-HD Down Converters
2 AJA D4E-R analog component to SDI
14 Evertz 500 DA2 Dual HD-SDI DA 1x4
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, 200' 3 phase cable

Camera Equipment

10 GVG LDK 8000 Elite Cameras
capable of 1080i@59.94, 720p@59.94Hz
10 GVG LDK Triax basestations, LDK OCP
7 GVG LDK SuperXPander large lens adaptor/7" viewfinder
1 GVG LDK 4607 master control panel
1 Fujinon XA101 x 8.9mm HD lens w/2x extender and stabilizer
3 Fujinon XA88 x 8.8mm HD lens w/2x extender and stabilizer
3 Fujinon XA72 x 9.3mm HD lens w/2x semi-servo & manual ctls
4 Fujinon ZA22 x 7.6mm HD lens w/2x extender for hand held's
7 Vinten Vector 750h pan heads/Shikoto tripods
4 Cartoni Gamma, sticks
3 Ikegami 20" Ikegami HDTV color monitors in video
2 LPS cameras
wired for 16 cameras

External Monitors

6 15" LCD color monitors
6 9" color monitors
1 Leitch HD Star 3" monitor

Router Control Panels

14 GVG S50, 21 GVG S100, 4 GVG LD16

Additional Camera Equipment Available (upon request)

Fujinon ZA12x 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 6 CH Live slo-motion system
2 HD EVS XT2 4 CH system replay only
1 HD EVS XT2 Spot Box 4 CH 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, 128 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

Telephone

Avaya Partner II 18 line telephone system, 22 fixtures

Cable

5000' Audio cable, 1800' 6 pair audio cable
3000' Audio DT-12 pair mult, 500' 2 pair
5000' Video cable, 4-10 wire 150' 3-250' 5 wire mult

7000' Triax cable, 2 - 6 wire 150' 3/8" Triax mult's

Microphones

6 HMD-25 Sennheiser Talent Headsets w/Daltec boxes
5 Sony ECM-77b lav microphones
5 Sony ECM-55b lav microphones
4 Shure VP64 microphones
4 Sennheiser MD46 microphones
1 Audio Technica AT835st stereo shotgun microphones
3 Audio Technica BP4029 stereo shotgun microphones
6 Sennheiser MHK70 shotgun microphones
6 Sennheiser MHK416 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
1 RTS MKP4/MCS-325 4 channel stations/speakers
10 RTS KP12LK 12 channel intercom stations
6 RTS DSI 2000 converters, 12-2 wire powered CH's
16 CH 2 wire IFB, RTS 828 Hi power supplies
2 RTS TIF2000a 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
20 Beyer DT108 single muff headset
8 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 # 10 HD PRODUCTION MONITOR WALL, 8-46" 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 (spot1)
32		DDR 5B (spot2)
33		DDR 5C (spot3)
34		DDR 5D (spot4)
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		RO 161
66		RO 162
67		BUG 1 FILL
68		BUG 1 KEY
69		RO 165
70		RO 166
71		RO 167
72		RO 168
73		RO 169
74		RO 170
75		BARS



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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 (spot1)
32		DDR 5B (spot2)
33		DDR 5C (spot3)
34		DDR 5D (spot4)
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		RO 161
66		RO 162
67		BUG 1 FILL
68		BUG 1 KEY
69		RO 165
70		RO 166
71		RO 167
72		RO 168
73		RO 169
74		RO 170
75		BARS