



MU-3

45' 3G SINGLE EXPANDO OVERVIEW

Production

- Grass Valley K-Frame 3G Switcher
- Kayenne 4 Stripe 35 Button Panel
- 5 M/E, 64 Inputs, 36 Outputs
- FlexiKey, Double Take and Chroma Key
- 12- IDPM, 4- EDPM and 2D DPM
- Image Store w/movies

Record & Playback

- (1) EVS XT3 12ch LSM Dual User Server
- (2) EVS XT3 8ch LSM Server
- (1) EVS XT3 6 Channel RO/Spotbox w/ Lance Controller
- (1) EVS X-file3 w/ 10G File Network
- (1) EVS X-hub3

****Wired for 34 channels of EVS****

Camera Equipment

- (10) Grass Valley LDX 86 3G Triax Worldcam Cameras
- (6) Grass Valley Super XPanders w/7" Viewfinders
- (6) Grass Valley LDK4426 Fiber SMPTE Converters
- (2) Fujinon 107x8.4 HD Lens
- (1) Fujinon 101x8.9 HD Lenses
- (2) Fujinon 80x8.9 HD Lenses
- (1) Fujinon 72x9.3 HD Lenses
- (1) Fujinon 18x5.5 Servo Zoom Lens
- (1) Fujinon 17x7.6 Servo Zoom Lens
- (2) Fujinon 13x4.5 Wide Angle Lens
- (6) Vinten Vector 70 Pan Heads w/Tripods
- (4) Cartoni Gamma ENG Pan Heads w/Tripods

****Wired for 12 CCU's****

****Other Camera and Lens configurations available****

Audio

- Calrec Artemis Light Bluefin 2
- 56 Fader Digital Audio Console
- 64x64 Analog
- 64x64 AES
- 256x256 Mono Madi Channels

Hydra 2 - 24 x 8 Fiber Audio Field Boxes
Dante Fiber Audio Booth system available upon request

Communications

- 208 x 208 RTS Adam Matrix Intercom Including
- 16 Rvon CHs, 32 MADi CHs, 64 Omneo
- 8 Powered PL Channels
- 6 Powered IFB Channels
- (15) Dual Listen BP325 Boxes
- (9) IFB 4030 Boxes
- (15) Single Muff Headsets
- (5) Dual Muff Headsets
- (4) RTS Telephone Interfaces
- (4) QKT Audio Couplers

Routing & Terminal

- Evertz EQX 3G Video Router (280x474)
- Includes:
- 96x64 Embedding, Dis-embedding
- 16x16 Fiber to External I/O
- 18 Internal Frame Syncs
- Evertz EMR Audio Router
- 1024x1024 Madi
- 96x96 Mono AES
- 192x384 Mono Analog
- 246x32 Multiview Capacity
- (34) Framesyncs
- 30 For-A FA505 U/D/C Frame Syncs w/CC
- 1 FS4 Frame Sync w/CC
- (8) TX Processors w-U/D/C

A/V Support

- (5) HMD26 Annc Headsets
- (5) Studio Tech Annc Boxes
- (5) MD46 Stick Mics
- (6) MKH416 Shotgun Mics
- (6) MKH870 Long Shotgun Mics
- (4) MKH418 Stereo Shotgun Mics
- (4) 15" SDI Monitors
- (4) 21" SDI Monitors
- (2) LED Light Kits

Cable Inventory

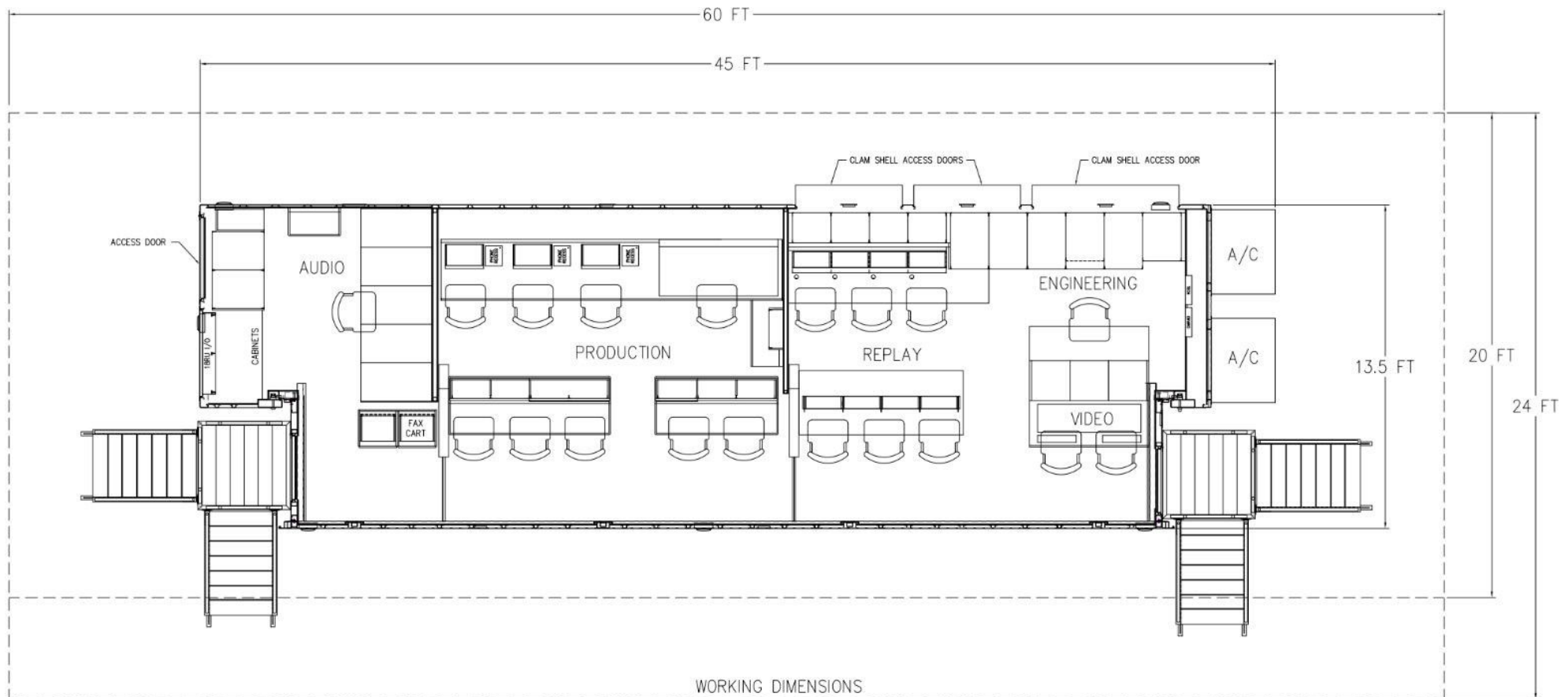
- 7000' Triax Cable
- (2) 6x Triax Mults
- 2450' DT12 Audio Mult
- 600' 6 Pair Audio Snake
- 3125' Audio Cable
- 3125' Single Coax
- (3) 100' 10 Wire Coax Loom
- (1) 1000' (1) 500', (5) 250', (3) 100' TAC 12 Cable

Power Requirements

- Three Phase, 190-280 Volts, 200A Service
- 200' Feeder Cable

Truck Dimensions

- 43'L x 8.5'W with 36'L x 5'W Expansion
- 78' Overall Length, 80,000# GVW





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45' 3G SINGLE EXPANDO
MONITOR WALL LAYOUT

MONITOR 1A				MONITOR 2A				MONITOR 3A				MONITOR 4A				MONITOR 9A (P2-CG)		
										12:00PM					12:00PM		12:00PM	
1	2	3	4	1	2	3	4	1	2		3	4	1	2	3	4	1	2
				12:00PM				5	6	7	8	9	5	6	7	8		
5	6	7	8	PROGRAM			5	6	PROGRAM		PREVIEW					10	11	12
9	10	11	12		7	8	9		10		11		13		14	15	16	6
MONITOR 5A				MONITOR 6A				MONITOR 7A				MONITOR 8A				MONITOR 9B (P3-BUG)		
																	12:00PM	
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	5	1	2
												6	7	8	9	10		
5	6	7	8	5	6	7	8	5	6	7	8	11	12	13	14	15	3	4
													12:00PM					5
9	10	11	12	9	10	11	12	9	10	11	12	16					6	7

SWITCHER INPUTS

SWITCHER OUTPUTS

SWITCHER GPO's

IN	Default	Show Name	Operator	Source	IN	Default	Show Name	Operator	Source	OUT	Default	OUT	Default
1	CAM 1				25	EVS 2B				1	SS-1	25	AUX-7
2	CAM 2				26	EVS 3A				2	SS-2	26	AUX-8
3	CAM 3				27	EVS 3B				3	SS-3	27	AUX-9
4	CAM 4				28	EVS 4A				4	SS-4	28	AUX-10
5	CAM 5				29	EVS 4B				5	SS-5	29	AUX-11
6	CAM 6				30	EVS 5A				6	SS-6	30	AUX-12
7	CAM 7				31	EVS 5B				7	SS-7	31	AUX-13
8	CAM 8				32	CG 1 F				8	SS-8	32	AUX-14
9	CAM 9				33	CG 1 K				9	ME 1 PGM	33	AUX-15
10	CAM 10				34	CG 2 F				10	ME 1 PVW	34	AUX-16
11	CAM 11				35	CG 2 K				11	ME 2 PGM	35	AUX-17
12	CAM 12				36	CG 3 F				12	ME 2 PVW	36	AUX-18
13	CAM 13				37	CG 3 K				13	ME 3 PGM	37	AUX-19
14	CAM 14				38	BUG 1 F				14	ME 3 PVW	38	AUX-20
15	CAM 15				39	BUG 1 K				15	PROGRAM	39	AUX-21
16	CAM 16				40	BUG 2 F				16	CLEAN	40	AUX-22
17	VTR A				41	BUG 2 K				17	PREVIEW	41	AUX-23
18	VTR B				42	TELE F				18	PRESET	42	AUX-24
19	VTR C				43	TELE K				19	AUX-1	43	AUX-25
20	VTR D				44	RTR FEED				20	AUX-2	44	AUX-26
21	VTR E				45	RTR FEED				21	AUX-3	45	AUX-27
22	EVS 1A				46	LHN4			LHN4	22	AUX-4	46	ME 1 CLN
23	EVS 1B				47	BLACK				23	AUX-5	47	ME 2 CLN
24	EVS 2A				48	BARS				24	AUX-6	48	ME 3 CLN

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>PGM 2 IS USED FOR TX
>SWITCHER OUT 16 IS CLEAN