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Unit 6

High Definition

Outside Broadcast Production Vehicle



Unit 6 - Specification

Vehicle Details

Registration mark	GN56 AGO
Travelling dimensions	8.5m long x 2.5m wide x 3.8m high
Working dimensions	9.3m long x 4.3m wide x 3.8m high
Weight	10 Tonnes
Power Input	125A, 1 phase. (220/250V) EN60309 1P+N+E connector. Average load, 40A
HVAC	Separate air conditioning or heating for production, sound and vision/VTR

Technical details – Production

Monitor stack	2 x 17" CRT HD/SD transmission and preview monitors 22 x 10" CRT preview monitors 1 x 14" CRT preview monitor
Main vision mixer panel	Thomson GrassValley XTenDD 2S 2M/E mixer panel 28 crosspoint buttons per row. Can control HD and/or SD mixers.
Secondary vision mixer panel	Thomson GrassValley RSat2. 1 M/E panel 12 crosspoint buttons per row. Can control HD and/or SD mixers. This panel can be located anywhere within the truck, or situated at a remote position.
Additional features	Matrix panels inset into desk for iso switching etc. HHB Circle 3A audio monitoring 2 x 17" LCD monitors with quad splits on rear bench Matrix panels in rear production desk for iso switching etc

Technical details – Sound

Sound mixer	Soundcraft B800 mixer; 6 stereo channels 30 mono channels 8 stereo groups 4 VCA groups 2 stereo masters
Grams playback/record	360 Systems shortcut; Denon CD player; Sony MiniDisc player/recorders
Audio matrix	Leitch Via 32 ² stereo audio matrix
Communications	Trilogy Orator 36 ² digital matrix
Radio comms	2 x Key duplex base stations, GP300 handsets
Hard wired comms	RTS dual 2–4 wire converter & PSU
Outboard processing	4 x BSS DPR404 compressors, 1 x Drawmer DS201 Dual Gate, 1 x Klark Technic DN726 Digital Delay, 1 x SPX 1000 reverb, 2 Sonifex Digital TBU's

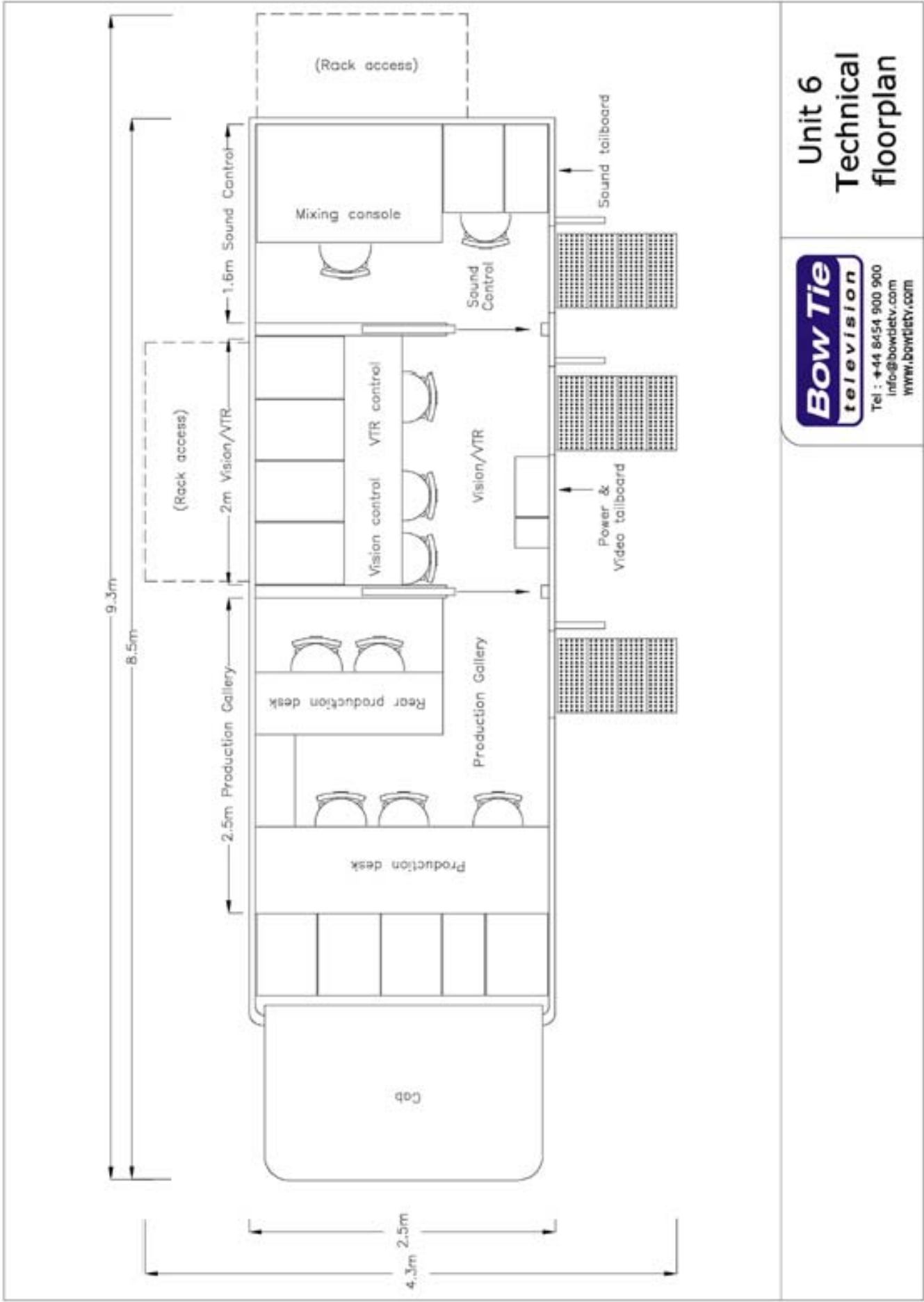
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Technical details – Vision

Cameras	6 x Sony BVP-E30 SD cameras
Monitoring	8 preview monitors 2 x Sony 14" CRT monitor
SD vision mixer	Thomson GrassValley XtenDD SD switcher 36 SD-SDI inputs 2 M/E, 10 Aux busses 4 keyers per M/E 4 channel integrated video effects processor 4 channel frame/clip store
HD vision mixer	Thomson GrassValley XtenHD switcher 18 HD-SDI inputs 2 M/E, 10 Aux busses 4 keyers per M/E
Video matrix	Leitch Panacea 16 ² HD-SDI Leitch Via 32 ² SD-SDI Leitch Via 32 ² Composite video
Synchronisers	5 x Leitch DPS-575 SD video processor/synchroniser
Additional features	TSL UMD and tally controller Embedded transmission line output

Technical details – VTR

Capacity	5 x HD or SD VTR of which, up to 2 x HD or SD EVS LSM
Monitoring	7 preview monitors 1 x Audionics VTR audio monitoring unit
DVD/VHS	4 x DVD recorders 2 x VHS recorders



Unit 6 Technical floorplan



Tel : +44 8454 900 900
 info@bowdtelevision.com
 www.bowdtelevision.com



Unit 6 monitor stack information

Speaker	88888888				Speaker		
	"Prod 14"	"Prod 15"	"Prod 16"	"Prod 17"	"Prod 18"	"Prod 19"	"Prod 20"
Aston Frame							
	"Prod 11"	24		25		"Prod 12"	"Prod 13"
Aston Monitor C			P/W monitor JF 3B, 21		TX monitor JF 3B, 19		
	"Prod 8"					"Prod 9"	"Prod 10"
Aston Monitor A	"Prod 1"	"Prod 2"	"Prod 3"	"Prod 4"	"Prod 5"	"Prod 6"	"Prod 7"
Aston Monitor B							
LCP	LCP	LCP					
PA/Graphics Talkback		Director Talkback					

Unit 6 - Layout

