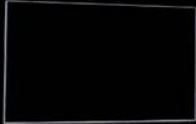




db VIDEO

MEDIA SOLUTIONS & FACILITIES



DB VIDEO

FLIGHTPACKS & OB VANS



YOUR
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MEDIA PARTNER

Customer Confidential

INTRODUCTION

We are excited to present **our guide** on **flightpacks and OB vans**, designed to meet all your mobile production needs. In this brochure, you will find **detailed explanations and technical specifications** of our cutting-edge solutions, ensuring you have all the information necessary to make informed decisions for your broadcasting and production requirements.

Our range includes versatile flightpacks such as the **'XS', 'S', 'M' and 'L'** units, each tailored for specific production environments. Whether you need a compact solution for tight spaces or a robust setup for larger productions, our flightpacks provide high-end broadcast quality without compromising on efficiency and ease of use.

In addition to our flightpacks, we offer advanced **OB vans** like **Unit 10, Unit 11 and Unit 12**, designed to provide comprehensive mobile production capabilities. These OB vans are equipped with **state-of-the-art** technology to handle a wide range of broadcasting needs, ensuring high-quality, professional results. With features like **4K and HDR** compatibility, advanced audio mixing, and robust power supply, our OB vans offer unparalleled reliability and versatility, making them an ideal choice for any production environment.

Explore the detailed specifications in this brochure to discover how our flightpacks and OB vans can elevate your production capabilities.

For more information or to discuss your specific needs, **please contact us**.

We look forward to helping you achieve the highest standards in your production projects.

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FLIGHTPACK **XS**_{MALL}

Our mobile production unit 'XS' provides the perfect solution for locations with limited space. Designed with efficiency in mind, we require only **1 square meter** to set up a complete production facility. This versatile unit can be quickly and easily assembled. Despite its compact size, our flightback 'XS' delivers high-end broadcast quality, making it ideal for a variety of settings, from live events to on-location shoots. Our units ensure you have the production capabilities you need without compromising on quality.

XS SPECIFICATIONS



PRODUCTION

- BM ATEM - Television studio - HD
- 1 external HDMI input
- PGM and AUX mixing with red and green tally on remote camera



CAMERAS

- Up to 4 PoE remote cameras SDI



COMMUNICATION

- Not included (optional)



RECORDING AND STREAMING

- Hyperdeck mini (only recording H264)
- Webpresenter HD



AUDIO

- L/R XLR (line level)



DIMENSIONS, WEIGHT AND POWER

- 25cm high
- 60cm wide
- 30cm depth

- 230V 16A

Weight: 28 kg

Minimum setup space 1m²



FLIGHTPACK

Small & Medium

Our mobile production unit 'S' offers the perfect solution for locations with limited space. We only require a compact area of 6m² to set up a full production environment. These units are designed for rapid deployment and provide high-end broadcast quality, ensuring professional results every time.

Moreover, our setup is highly flexible and can be upgraded from S to M to meet higher production needs. By adding **extra options**, we can enhance the capabilities of this production unit. For instance, we can include an additional **play-out module** based on a Vmix computer, an audio mixer for situations where more **complex audio** management is required beyond just inserting the PA system for recording. We also offer additional **XCU's** to expand the number of cameras, an **EVS** for slow-motion replays, a streaming extension for live broadcasts, and **wireless intercom systems** for extensive communication requirements. This adaptability ensures that we can cater to a wide range of production demands, delivering superior quality and efficiency at every level.

S & M SPECIFICATIONS



PRODUCTION

- BM ATEM HD 2ME mixer with 1ME mixpanel
 - 4 fixed cam inputs
 - 12 additional mixer inputs (SDI)
- external laptop integration (PowerPoint, Teams, Zoom etc on SDI.)
- BM matrix 20x20
 - 6 ext in
 - 10 ext out



CAMERAS

- 4 dedicated broadcast cameras



RECORDING AND PLAYBACK

- Up to 10 simultaneous USB recordings (h264)



COMMUNICATION

- Riedel PunQtum
- 2 stations & 2 belt packs



DIMENSIONS, WEIGHT AND POWER

TECHRACK

- 156cm high
- 60cm wide
- 85cm depth (transport)
- 125cm depth (production)

MIXERRACK

- 128cm high
- 60cm wide
- 85cm depth (transport)
- 125cm depth (production)

- Power: 230V – 16A

- Weight: 2 x 170 kg

Minimum setup space 6m²



AUDIO

- L/R XLR (line)
 - extendable with soundmixer



FLIGHTPACK

LARGE

Our mobile production unit 'L' provides an excellent solution for locations where accommodating large OB (Outside Broadcast) vans is not feasible. Designed for efficiency and flexibility, these mobile units can be quickly set up and offer the same superior broadcast quality as traditional OB vans. Despite their smaller footprint, our mobile production units deliver **high-end broadcast quality**, ensuring professional results in any environment. With a minimum of **24m²** of production space required, these units are suitable for locations with limited room.

We offer both **L (HD)** and **L (4K)** setup options to cater to different production needs. We provide the option to upgrade to **4K resolution**, ensuring your production meets the highest standards of modern broadcasting

To upgrade the sets, we offer various add-ons to enhance the production capabilities. These add-ons include an extra play-out module based on a Vmix computer, extra XTUs to expand the number of cameras to 12, an EVS for slow-motion replays, a streaming extension for live broadcasts, and wireless intercom systems for extensive communication requirements. This flexibility allows us to offer a compact, adaptable, and high-quality solution for any production scenario.

L SPECIFICATIONS (4K)



PRODUCTION

- BM 4-ME constellation 8K with 2ME mixpanel
- BM 4K matrix 40x40
 - 16 ext in
 - 11 ext out
- 4 x quad split multiviewer
- LAWO vpro 8 embedder with color corrector
- Possible to work standalone without sound rack (only stereo feed)



AUDIO

- Digico S21 with dante and madi card
 - 24x analog input
 - 12x analog output
- Also available with Lawo mc236
 - 16 mic/line inputs
 - 16 line outputs
 - 8 AES3 inputs and outputs
 - 8 GPIOs plus a local MAD1 port based on SFP
- Lawo A_stage64
 - 32 mic/line inputs
 - 16 line outputs
 - 8 AES3 inputs and outputs
 - 8 GPIOs plus 1 redundant MAD1 pair



RECORDING, PLAYBACK AND STREAMING

- BM mini recorder with SD card
- Web presenter



CAMERAS

- 6 dedicated broadcast cameras up to 12 cameras extendable (Grassvalley LDX)
- also extendable with remote cameras



COMMUNICATION

- Riedel ARTIST 64
- 3x AES67 card see add-on options (Bolero)
- 14x 4-Wire
- 16x RCP/DCP panel connection
- Trunking with other frames is possible



DIMENSIONS, WEIGHT AND POWER

TECHRACK

- 140 cm high
- 60 cm wide
- 100 cm depth

Weight: 227 kg

4 PRODUCTION DESKS*

- 85 cm high
 - 160 cm wide
 - 65 cm depth (transport)
 - 110 cm depth (production)
- Weight: +/- 180 kg (each)

Power: 3 x 16A – 230V or 16A 3phase

L SPECIFICATIONS (HD)



PRODUCTION

- BM 4-ME constellation HD with 2ME mixpanel
- BM HD matrix 72x72
- 20 ext in
- 20 ext out
- 4 x quad split multiviewer
- 2 CH color corrector + scancorrector
- 2 x embedders (16 CH)
- 2 x de - embedders (16 CH)
- Possible to work standalone without sound rack (only stereo feed)



AUDIO

- YAMAHA QL 5 32 CH in 16 out (analog) (MADI + DANTE)
- RIO Dante stagebox 16 CH in 8 CH out



RECORDING, PLAYBACK AND STREAMING

- BM mini recorder with SD card
- Web presenter



CAMERAS

- 6 dedicated broadcast cameras up to 12 cameras extendable (Grassvalley LDX)
- also extendable with remote cameras



COMMUNICATION

- Riedel ARTIST 64
- 1x AES67 card – see add-on options (Bolero)
- 14x 4-Wire
- 16x RCP/DCP panel connection
- Trunking with other frames is possible



DIMENSIONS, WEIGHT AND POWER

TECHRACK

- 150 cm high
- 60 cm wide
- 100 cm depth

Weight: 233 kg

4 PRODUCTION DESKS*

- 85 cm high
- 160 cm wide
- 65 cm depth (transport)
- 110 cm depth (production)

*Weight: +/- 180 kg (each)

Power: 3 x 16A – 230V or 16A 3phase

Desk types:

- 1 mixer desk (director and assist)
- 1 shading desk (shader and video engineer) 1 sound desk (sound engineer)
- 1 extra production desk (2 spaces extra)



SMALL

OB VAN UNIT 12 (MW02)

Our OB Van Unit 12 offers high-quality mobile production technology, specifically designed for use with the Simply Live ViBox. The flexibility of the Simplylive Production Suite enables you to scale personnel for large events or condense operations to a one-operator show if needed. Live switching between cameras and video sources, cueing and scrubbing slow-motion replays, controlling audio, and adding graphics can all be managed via a single touchscreen interface. This compact and efficient unit delivers outstanding broadcast quality for any event. Unit 12 integrates the latest video and audio technologies to ensure your production is handled with precision and reliability. Additionally, this unit has an extra space for material, eliminating the need for a second assist truck to transport the material. Unit 12 features advanced video mixing and routing capabilities, along with high-quality camera systems that ensure exceptional image quality. The versatile production tools are suitable for a wide range of broadcasting needs. The robust power supply ensures uninterrupted operation, even in challenging conditions. Integrated communication and control systems enable seamless and efficient operation. This combination of features makes Unit 12 a versatile and efficient solution for high-quality, professional broadcasts.

UNIT 12 SPECIFICATIONS



PRODUCTION

- Simply Live ViBox 16 A-I-O
 - Picture in picture
 - 3 keyable layers (NDI/CLIP only)
 - External NDI Graphics integration
 - 7 manual transition macros
- Blackmagic Design Smart videohub 12G 40x40
- ATEM constellation 2 HD (multiviewer)
- Blackmagic Design mixerdesk



RECORDING AND PLAYBACK

- Simply Live ViBox 16 A-I-O integrated SloMo, graphics and recording



AUDIO

- Flex audio position for Digico S21
- Fostex audio monitors
- Riedel Artist 32 frame with DANTE connection



CAMERAS

- 6 LDX 86n cameras



COMMUNICATION

- Riedel ARTIST 32
- 1x DANTE card
- 1x 4-Wire
- 4x RCP/DCP panel connection



TRUCK & POWER

- Volvo FE
- Euro6 with silent modus
- Length: 12+2,45 m
- Width: 2,55m
- 3 x 16A / 230V, on 3 x 220V Shuko connector
- UPS emergency back-up: reduced transmission outages in case of external power failure



DIMENSIONS

- Length 12+2,45 m
- Width 2,55 m
- License plate: 2-AWX-253



MEDIUM

OB VAN UNIT 10

Our OB Van Unit 10 represents the pinnacle of mobile production technology, designed to deliver unparalleled broadcast quality for any event. This state-of-the-art unit combines the latest **advancements in video and audio technology** to ensure your production is handled with precision and reliability. Unit 10 features cutting-edge video mixing and routing capabilities, advanced camera systems for exceptional image quality, and comprehensive production tools suitable for a wide range of broadcasting needs. The audio capabilities of Unit 10 are equally impressive, featuring high-end sound mixing and recording technology that guarantees superior sound quality essential for professional broadcasting. The robust power supply ensures uninterrupted operation even in challenging conditions, while integrated communication and control systems enable seamless and efficient operation. This combination of features makes Unit 10 a versatile and efficient solution for high-quality, professional broadcasts.

UNIT 10 SPECIFICATIONS



PRODUCTION

- Grass valley Karrera Mixer 3ME 31IN/12 out
- Riedel Mediornet Decentralized video matrix solution based on MicroN and MetroN frames Riedel multi-viewer
- Lawo Vpro 8 for synchronizing and coloring Sony Oled monitorwall
- Lawo Vpro 8 audio embedder
- Avocent KVM matrix
- 3 OLED vision positions with LEADER metering vector/wave VSM Broadcast solutions control software
- Riedel Mediornet multimedia network for stagebox or remote hub, with 4 extra cameras



AUDIO

- Lawo MC2 56 with 48 faders
- Lawo Nova Compact with Madi and Ravenna slots, 192 channels of DSP Lawo external Dallis stage box with Fiber cabling
- Genelec Digital SAM monitors
- Waves soundgrid server for outboard FX and mastering 64ch multitrack recording up to 128 channels.
- Riedel Artist 64 frame with Madi connection, 1000 series panels
- Glennsound GSM Hybrid for external communication
- AES 67 for Bolero
- Spot-on playback system



CAMERAS

- 12 LDX 86n cameras, 2 x Hi-speed positions upto 150 FPS (Grass valley LDX)
- 2 x Precabled wireless position
- Compatible with Sony cameras



COMMUNICATION

- Riedel ARTIST 64
- 3x AES67 card see add-on options (Bolero)
- 14x 4-Wire
- 16x RCP/DCP panel connection
- Trunking with other frames is possible



RECORDING AND PLAYBACK

- 3 EVS slots with Xfile3 for recording



TRUCK & POWER

- Engine 370 HP Euro 6 with Silent modus
- 40 kVA on 3- phase, 400V, 63A CEE connector
- UPS emergency backup: reduced transmission possibilities in case of external power failure



DIMENSIONS

- Unit 10: DB111
- Length 11,6 m
- Width Expanded 3,9 m
- Assist: A10: 1-WUP-481
- Length 11,6 m
- Width 2,9 m



MEDIUM

OB VAN **Unit 11 (Sirius311)**

Our **Sirius 311** OB Van represents the forefront of mobile production technology, offering unmatched broadcast quality for any event. This cutting-edge unit seamlessly integrates advanced video and audio technologies to ensure your production is executed with precision and reliability. Fully **4K** and **HDR** compatible, Sirius 311 is equipped with state-of-the-art video mixing and routing capabilities, making it ideal for high-definition and high-dynamic-range productions.

The audio capabilities of Sirius 311 are equally impressive, featuring the Lawo MC2 56 and Nova Compact for superior sound mixing and recording. This unit handles complex audio setups with ease, supported by Genelec 5.1 Digital SAM monitors and advanced communication tools from Riedel. With a robust power supply and flexible recording options, Sirius 311 guarantees uninterrupted operation, ensuring high-quality, professional broadcasts even in the most demanding environments.

Designed for versatility and efficiency, Sirius 311 is your ultimate solution for high-quality mobile production.

SIRIUS 311 SPECIFICATIONS



PRODUCTION

- 4K – HDR compatible IP Ready
- Kahuna 6400, 3 ME with 48 3G/HD SDI or 12 4K inputs, 24 3Gb/HD SDI outputs or 6 4K Outputs including format fusion 3 on all inputs, 16 format fusion outputs. Modular Maverick 3-ME Panel operation panel for Kahuna 6400.
- Riedel Mediornet Decentralized video matrix solution based on MicroN and MetroN frames (204 x 204 in-outs). 24 Riedel Multiviewer outputs possible with a total of 108 PIPS possible.
- Sony OLED Monitorwall



AUDIO

- Lawo MC2 56 with 48 faders
- Lawo Nova Compact router with 16 MADi ports and 192 channels of DSP External Lawo DALLIS stageboxes with fibre cabling
- Genelec 5.1 Digital SAM monitors 64 channel multitrack recording
- Lexicon PCM 96 Surround fx processor
- Spot-on playback system



CAMERAS

- 8 Camera slots Grassvalley and Sony Compatible both provided with fiber and triax cabled. 2 Util slots for wireless cam or highspeed camera.



COMMUNICATION

- Riedel Artist 64 frame with MADi connection, 1100 series panels
- Riedel connect Trio and Glennsound GSM Hybrid for external communication Riedel RiFace and Motorola radios DP series for wireless communication.



RECORD AND PLAYBACK

- Two EVS Slots 6RU each with 16 HD/SDI inputs or 4 4K inputs with 10 Gig lan connection.
- 6 flexible slots for GFX, Recordings PC's, or any equipment needed today in the broadcast field. 24-ports - 10 Gbit mediaswitch compatible with RJ 45 and SFP/ AOC.



TRUCK & POWER

- Engine 370 HP Euro 6 with Silent modus
- UPS emergency backup: reduced transmission possibilities in case of external power failure



DIMENSIONS

- Sirius 311: 1SPZ568
- Length 11,15 m
- Width Expanded 4,2 m
- Required free workspace: 12,5m x 5m
- Sirius assist 311: 1BYZ896
- Length 11,15 m
- Width 2,9 m

ADD-ON

	Mobile sets					OB Vans		
	XS	S	M	L (HD) Desk types: 1 mixer desk (director and assist) 1 shading desk (shader and video engineer) 1 sound desk (sound engineer) 1 extra production desk (2 spaces extra)	L (4K) Desk types: 1 mixer desk (director and assist) 1 shading desk (shader and video engineer) 1 sound desk (sound engineer) 1 extra production desk (2 spaces extra)	S (U12)	M (HD) (U11)	M (4K) (U11)
Play-out system (Vmix)	x	x	x	x	x	x	x	x
Recording – High-Res (Ki-Pro)	x	x	x	x	x	x	x	x
Presentation (PowerPoint with cue-lite)	x	x	x	x	x	x	x	
Graphics (Vmix)	x	x	x	x	x	x	x	x
Graphics (Titler pro)	x	x	x	x	x	x	x	
Audio mixer (Digico S21)	x		x			x		
Extra XCU's (Grassvalley)			x	x	x	x	x	x
Slomo system (EVS)				x	x	x	x	x
Streaming incl. Back-up stream (social stream, multi-language)	x	x	x	x	x	x	x	x
Extra wired belt packs (3 pieces) (autum 2024)			x	x	x			
PunQtum connection (autum 2024)		x	x					
Wireless intercom (5 belt packs) (PunQtum)			x	x	x			
Wireless camera system	x	x	x	x	x	x	x	x
POV/mini cameras (Marshall)	x	x	x	x	x	x	x	x
Live drone feed (DJI)	x	x	x	x	x	x	x	x



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