

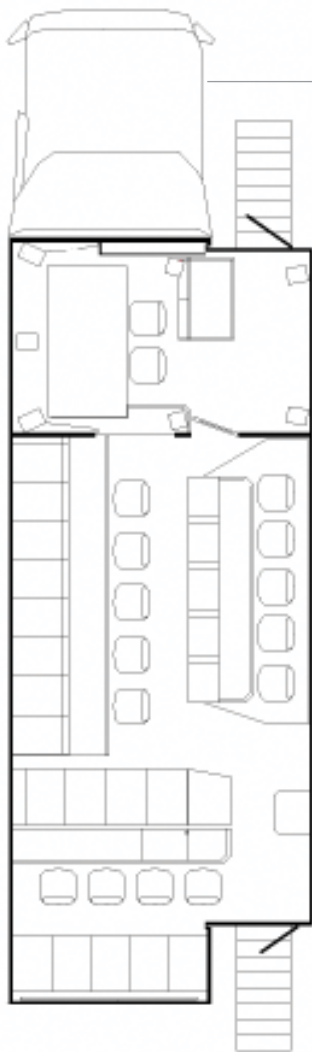
## GENERAL INFO:

HD-4 is an OB bus with a large expanding section along the length of one side. Emphasis has been placed on comfort and user-friendliness for both the technicians and other production personnel.



The vehicle is scalable, and it has a large router with advanced router control. It can be configured for most needs, and it is equipped with a large video mixer.

HD-4 has its own, custom-built trailer that functions as a storage and transport vehicle for all of the peripheral equipment that is used for a major production.



## HIGHLIGHTS - HD-4

- 16:9/4:3
- 8 cameras (ready for 16 cameras)
- Accommodates dual camera control (two operators)
- Audio control with a large digital audio mixer
- Own slow-motion/VB section with space for five operators
- Infrastructure that covers the need for most productions



**VEHICLE:**

- Volvo FH 12
- Total length: 12 metres
- Total width: 2.5 metres
- Total width: (in production) 3.8 metres
- Total weight: 23 tonnes

**Space required to park the OB bus and tender vehicle**

- Approximately 40 metres x 5 metres

**Power requirements:**

- 1 x 63A, 3-phase, 230V / 400V

**Accompanying power cable:**

- 40 metres

**VIDEO MIXER:**

- Philips DD-35
- 2 M/E + Advanced program/Presets
- 32 inputs
- 15 outputs (Aux)
- 2 Chromakey
- 9 keyers in total

**DVE:**

- Sony DME-7000
- 1.5 channel

**GRAPHICS/TEXT:**

- VizRT with the following software:
- Engine
- Trio
- Artist

**MONITORING:**

- 32 configurable monitors for production with Tally/UMD for all
- 14 configurable monitors for camera control with Tally/UMD for all

**SCRIPT TIMER:**

- Leitch timer panel

**MATRIX / ROUTER:**

- SDI digital video:
  - o Philips Venus
  - o 64 x 128 SDI for routing and monitoring
- AES/EBU Digital Audio:
  - o Network Electronics
  - o 32 x 32 Stereo AES/EBU
- Philips router panels

**EVS/TAPE MACHINES:**

- Up to 5 6-channel EVSs
- Up to 6 tape machines
- Digibeta/BetaSP/DVCam/XDCam
- Other formats on request

**CAMERAS:**

- 8 Sony BVP E-10
- Up to 16 cameras as required
- Accessories for all cameras:
  - o Headsets for various needs (studio/noisy environments/handheld)
  - o Large and small viewfinders with sun shield for outdoor use
  - o Electronic zoom/focus demand

**TRIPODS:**

- Vinten 2-stage ENG tripods (Vinten 100/250)

**CAMERA CABLE:**

- 11 mm Triax
- 180 metre per camera chain on fixed drums
- 8 x 100 metres on loose drums

**OPTICS:**

- Canon 22 x 7.6 / 21 x 7.8 / 20 x 8

**AUDIO:**

- Yamaha PM1 D
- 96 Mic/line analogue input
- Support for multitrack: ProTools 64 ch
- Sound modes: Lexicon 960L
- CD: Tascam RW2000 (burner)
- Listening: Genelec 1030 + Sub

**MICROPHONES:**

- 2 Sennheiser MKH 70, full shotgun
- 2 Sennheiser MKH 60, half shotgun
- 4 Sennheiser MKH 416, half shotgun
- 2 Audio-Technica AT4073a, half shotgun
- 2 Neumann KM184, kidney

**SOUND CABLE:**

- 2 x 100 metre 24 pair mic. cable
- 2 x 100 m 12 pair on loose drums with LK 37

**COMMUNICATION:**

- Drake 4200 digital matrix (16 panels/32 4-W)
- 12 panels internally within the vehicle
- 2 external panels (for hook-up where they are required)
- ISDN codecs for communication/sound transmission with programme quality
- 2 duplex base stations for wireless communication (normally one for production and one for technical)
- Handheld devices
  - o 1 duplex (Wood & Douglas)
  - o 6 simplex (Motorola GP300)