

HD SIGNS

see the difference

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HD SIGNS OB Van MPC 34 HD
Mobile Production Center
Technical Specifications

MPC 34 HD – Mobile Production Center

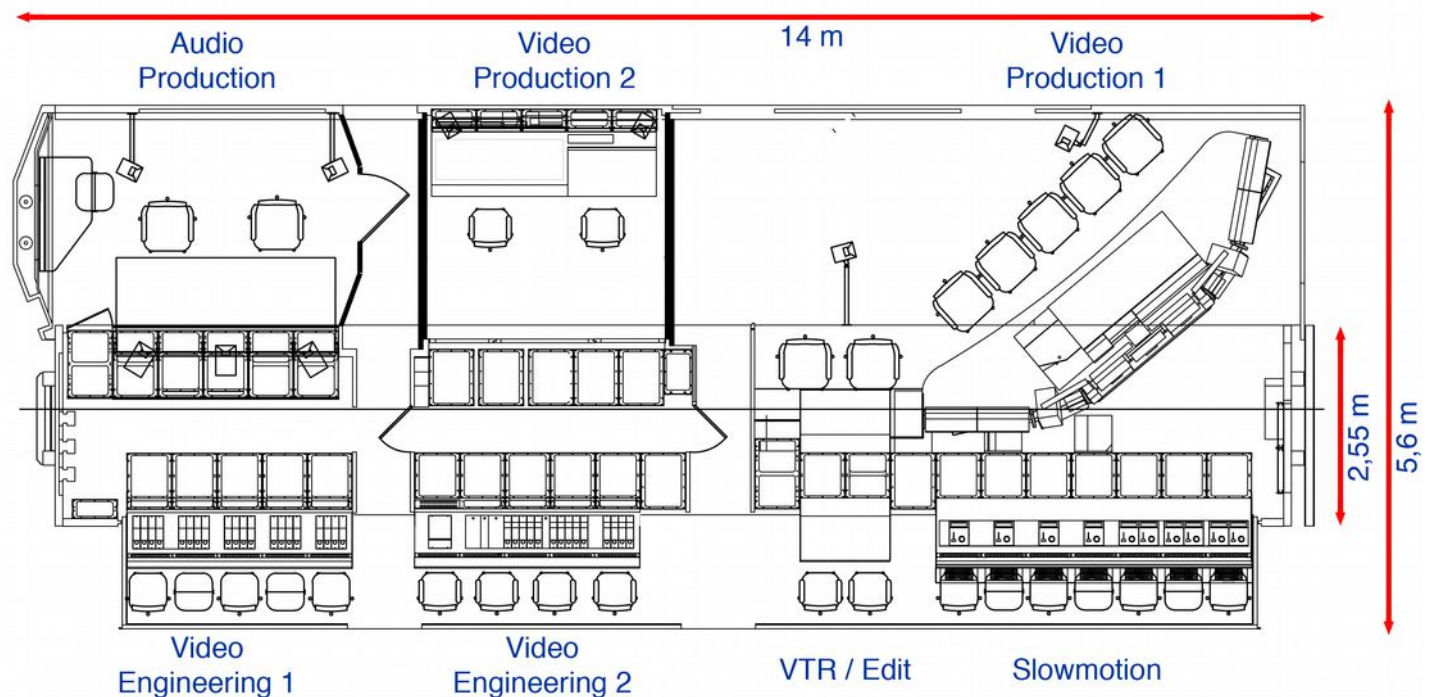
The most advanced HD OB Van system ever built, equipped for multi-format high-definition production, 3D and 3G production has been launched with the initials MPC 34 HD (Mobile Production Center 34 High Definition) where the number represents its capacity to handle up to 34 high-definition cameras.

The Van is built on a semi-trailer expandable right along both sides and able to support 30 GV LDK 8000 HD multi-format cameras and 4 LDK 8300 HD Super Slow Motion cameras. Four HD wireless cameras are available for cable-free operation.

It has three completely independent production control rooms each fitted out with Thomson Grass Valley Kayak HD vision mixer. The primary room has four mixing/effect benches while the second one is fitted with three. The audio control room is equipped with a Stagetec Aurus, 48-channels sound mixer ready for multi-channel productions in Dolby 7.1 as well Dolby E coding for distribution.

In addition to other HD equipment the van boasts a Thomson Grass Valley Trinx 256 x 512 video router. Within the same van is also available an engineering area with 9 control positions equipped either with OCP or Master Setup panels for camera controls complemented by LCD monitors as well as dedicated Tektronix HD/SD instrumentation. Alongside the same room a VTR's area with multiformat HD/SD recorders is made available hosting also one AVID Media Composer and one Final Cut post-production suites and 7 EVS / K2 superslomo positions controlling EVS XT2 and Grass Valley K2 servers.

At the centre of the van an equipment room is available and where all cabling are easily accessible as well as main distribution frames are fitted for patching, interconnection and monitoring of all signal types (audio, video, data, fibers, remote controls etc.).





VTR

HD VTRs

- 10 VTR HDCAM Sony HDW-M2000P
- 3 VTR XD Cam PDW HD 1500/1600
- 4 Combo Recorder/HDD/DVD and BluRay

Working area equipped with Video Router and Riedel Intercom Control panels

POST-PRODUCTION

- 1 Edit position equipped with AVID Media Composer Interplay Streaming Solution
- 1 Edit position equipped with Final Cut Streaming Solution

SLOMOTION AREA

- 7 EVS XT2 Server (equipped with 6 channels full option HD/SD, SMM, 3D)
- 1EVS XFile

Ethernet Gigabit network

- 4 Grass Valley K2 Videoserver with Channel Flex an Dyno Controller
- 7 control positions each one equipped with 17" video monitor (VGA, HD) with Quad spli

Each control position equipped with Video Router and Riedel Intercom Control panels

CAMERA CONTROL

Eight camera control positions equipped each with:

- 4 OCP
- 1 x 17" LCD monitor
- 1 x 17 with Quad Split

Each control position equipped with Video Router and Riedel Intercom Control panels

ENGINEERING AND VIDEO CONTROL

One video control position equipped with

- 1 workstation Omnitek Lab
- 2 SAT receivers
- 2 analog TV receivers
- 6 WFM700 and 2 WFM7100

PRIMARY VIDEO CONTROL ROOM

- Video switcher: Grass Valley KAYAK HD with 90 inputs and 4 MEs,DVE,RAM

Operational positions:

- Graphics
- Coordinator
- Video switcher
- Director
- Assistant Director

All positions equipped with Riedel Intercom Panels and VOIP Phones



Video wall:

- 3 x 17" LCD monitors
- 4 x 6" LCD monitors
- 21 x 24" LCD monitors equipped with Zandar Predator HD Quadsplit

Monitored video sources: 88 plus PGM, PVW,ON AIR

Audio Monitoring:

- Dolby® Digital 5.1; 5 loudspeakers
- 4 x AUX loudspeakers



Producers positions:

- 2 x 17" monitors
- 2 x 17' monitor with quadsplit
- Zandar Predator HD
- 2 speakers
- 2 intercom panels
- 3 video router control panels
- 2 voip phone



SECONDARY VIDEO CONTROL ROOM

-Video switcher Grass Valley Kayak HD with 54 Inputs and 3 MEs,DVE, RAM

Operational positions :

- Director
- Video switcher Operator
- Assistant Director

All positions equipped with Intercom Panels

Video Wall:

- 10 X 17" LCD Monitors with Zandar Predator
- 3 X 17" LCD Monitors , 3D Sony 42"
- 45 Video Sources
- plus PGM,PVW,ON Air



Audio Monitoring: 2x Stereo LSP, 2x AUX LSP

AUDIO CONTROL ROOM

Mixer audio:

STAGETEC AURUS 48 faders
Audio router STAGETEC NEXUS Star
up to 4500 x 4300

Video wall

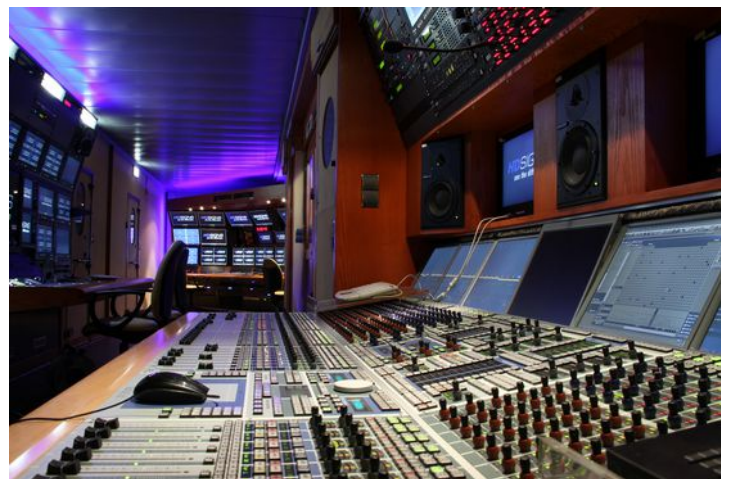
2 x 17' LCD monitor with quad-split Zandar Predator HD
2 x 17' LCD monitors
1 x 17" LCD monitor KVM
8 x Riedel RiFace

All positions equipped with Riedel Intercom Panels and VOIP Phones

Audio monitoring:
Up to Dolby® Digital 7.1
5 loudspeakers

Others

4 x Magic AC1
2 x Riedel Connect Duo
Multitrack Pyramix up to 128 channels
2 XTA-C2 dual compressor
2 Tascam DVD/CD recorders



Miscellaneous

CAMERAS

- 30 HD cameras THOMSON GRASS VALLEY LDK8000/6000
- 4 HD cameras THOMSON GRASS VALLEY LDK 8300 super slow motion
- 1 HD wireless camera BMS

EQUIPMENT ROOM

Video/audio/data fibers distribution frames
CRT 14' monitor
Audio monitoring
Audio de-embedder Wohler Dolby-E
Intercom panel
Video router control panel
Tek 700 waveform monitor REAR SIDE



EXTERNAL SIGNALS PATCHING

-34 triaxial cable connections
-10 multivideo connections
-12 multi fiber cables (each one carrying 8 fibers and power) connected with Riedel Mediornet



COACH BUILT

OB VAN

-Weight 36 tons
-Overall length (with tractor): 16,5 mt
-Height: 4 mt
-Width (stowed): 2,55 mt (expanded max): 8,0 mt
-Tractor: SCANIA R-580

SUPPORT VAN

-Weight 30 tons
-Overall length (with tractor): 16 mt
-Height: 4 mt
-Width: 2,55 mt
-Tractor: SCANIA R-580
Rear side loading bay with lift door