

elvia^{pro}

SYSTEM HOUSE FOR AUDIO AND VIDEO



OB Van

ELV-8C/10M

Purpose and production areas



PURPOSE

large-sized multi-purpose outside broadcast vehicle,
live sports or entertainment production,
multi-camera field production with recording
or multi-channel recording,
production van for subordinate vans in case
of big events,

Video system

SD 625/50 scanning, 16:9/4:3,
serial digital components (SDI)
for main signal paths,
PAL or analog components
for auxiliary purposes

Audio system

widely stereo (dual channel) analog,
selected paths and/or equipment
are 4-channel digital and analog



PRODUCTION AREA

24-monitors monitor-wall
(9 and 14-inch) configured
from 32x24 matrix,
programmable under-monitor
dual-color displays,
production desk with video switcher,
DME and character generator control,
„second row“ movable desk for slo-mo
control and assistants
3 intercom panels, phone sets
many as four seats in front and three
ones at the back
movable side wall for expanding
to part of corridor

AUDIO AREA

32-inputs analog audio mixer,
main (stereo) and PFL listening,
additional PPM meter,
local audio sources – MD, DAT, CD,
CC and HD recorder
audio processor and limiters/expanders
dual channel audio matrix 32x16,
extensive audio patch panel,
four 9-inch switchable monitors
analog and digital DA and other
plug-in modules
intercom matrix and one intercom panel
equipment rack with movable middle
part
slide door, raised floor, wide window
to production area





Engineering areas



VISION AND VTR's AREA

- 8 or 10 camera chains with control panels and master set-up unit
- 14-inch and 9-inch monitors for cameras and set-up character generator frame
- four Digital Betacam/Betacam SX/IMIX videorecorders
- dual channel digital disk recorder
- 9-inch and 14-inch monitors for VTRs and video disk
- 2,5 M/E digital video switcher and dual channel DVE frames
- digital video matrix 32x32
- PAL and tally auxiliary matrix 40x32
- dual SPG and automatic change-over
- A/D and D/A converters, DA and auxiliary plug-in modules
- video and remote patch panels
- auxiliary VHS recorders, TV receivers
- 4 + 4 equipment racks
- two operational desks with remote control and intercom panels
- space for slo-mo controllers on desk (instead of production area)
- many as eight seats for operators
- power distribution switch-board



Vehicle & Coach-building



VEHICLE AND COACHBUILDING

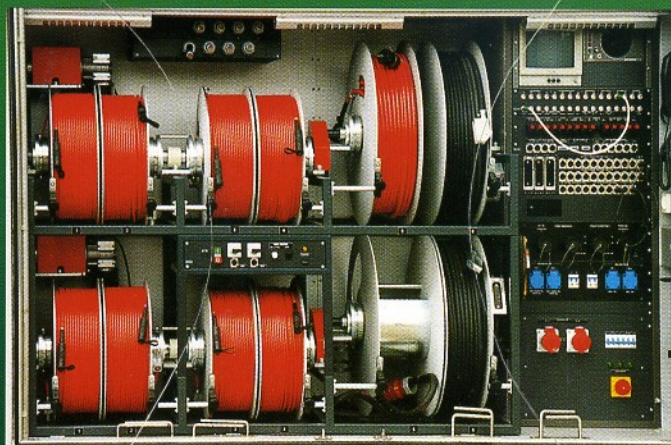
standard 25-ton Mercedes Atego chassis
custom-build coachbuild (steel frame and reinforces)
overall length 11,7 m, width 2,5 m, height 3,7 m,
three mains operational areas
sliding side wall forming internal corridor with push-out steps
back full-size doors
internal and external lighting (for operation, maintenance and loading)
heating and air-conditioning
– 3 independent air-conditioning systems
– electric floor-heating
– auxiliary hot-air oil heating (operated on way too)

Rear connection and stowage area

up to 16 motorized cable drums in 2 rows
triaxial camera cables, multi-pairs audio and monitor cables,
mains cable
large termination panels for external in/out connections
input power switch-board

Roof and bottom Stowage

solid roof for camera and/or aerial (incl. microwave transmitter)
fold-down ladder, telescopic mast for TV aerial
under-floor storage boxes (side access)
isolating power transformers (under floor, side access)
independent vehicle and operational batteries



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