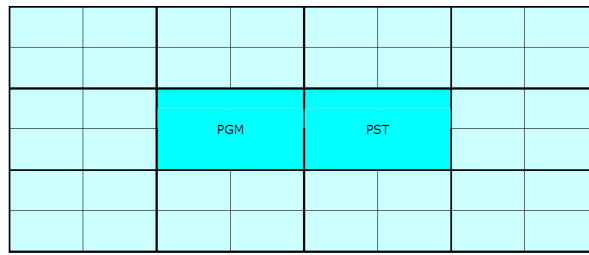
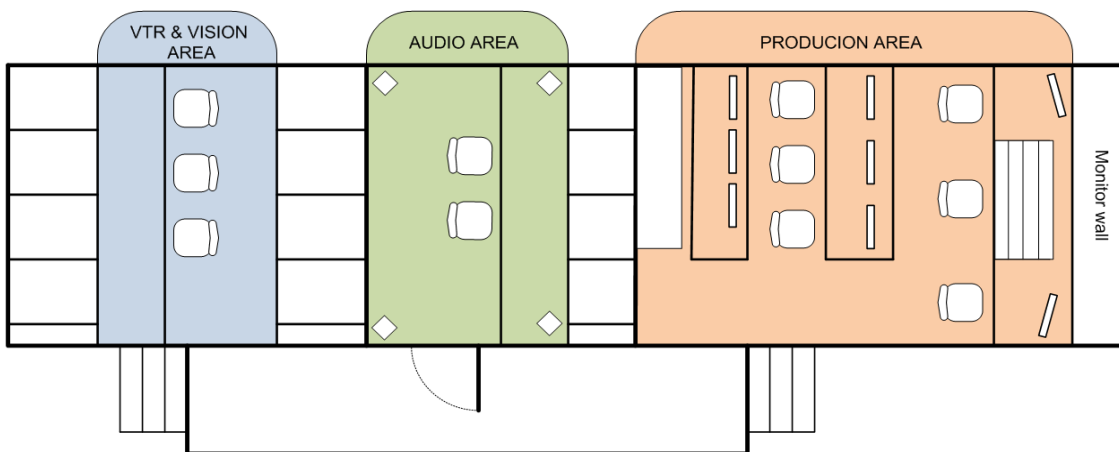


## TECHNICAL SPECIFICATION OUTSIDE BROADCASTING VAN

### HD 01



MONITOR WALL



FLOOR PLAN

## VIDEO

### Cameras

- 12 Cameras - SONY HDC-1500
- 2 Wireless Camera Adapters – LINK
- 2 Remote Control Pan-Tilt – SONY BRC-H700P
- 2 Minicams – ICONIX HD-RH1

### LENSES

- 3 Lenses – FUJINON XA 101 x 8.9 BESM
- 2 Lenses – FUJINON HA 27 x 6.5 BESM
- 2 Lenses – FUJINON HA 13 x 4,5 BRD
- 3 Lenses – FUJINON HA 13 x 4,5 PF BERD
- 2 Lenses – FUJINON HA 18 x 7.6 BERM
- 3 Lenses – FUJINON f: 2,8mm / 4mm / 8 mm, for minicams

### GRAPHIC SYSTEM

- 2 Graphics Systems – ORAD HDVG with software 3D Play

### VISIN MIXER

- Vision Mixer – SONY MVS-8000A 68 I/P 24O/P 3,5 ME, 4 channel DVE

### RECORDING

- 3 Video Tape Recorders HDCAM – SONY HDW 2000P
- 2 6-channels Hard Disc Recorders EVS model LSM XT[2]
- IP DIRECTOR
- X-FILE
- 2 DVD players/recorders – SONY

### ROUTER

- Router SONY IXS-6700 128x136
- 2 Router Panels for installing on Shutting Place BKS-R3219

### MONITORS

- 4 Monitors 20" LCD SONY LMD 2020 analogue/digital (SD)
- 4 Monitors 14" LCD SONY LMD1410 analogue
- 1 Reference Monitor HD CRT SONY BVM-A14F5U (PAL/SDI/HD-SDI)
- 1 Reference Monitor HD LCD (PAL/SDI/HD-SDI)
- 2 Portable Monitors LCD 9" (PAL/SDI/HD-SDI)

### OTHERS

- 10 Synchronous External HD/SD Signals Inputs.
- 6 Asynchronous External HD/SD Signals with Embedded Audio and SD-HD conversion Inputs
- 2 Analogue Signal Inputs
- 8 Assignable (HD/SD/analogue) Outputs
- Two Independent Program Output (PGM1/PGM 2) – 5 outputs HD, 5 outputs SD and 5 analogue Outputs

## AUDIO

### AUDIO CONSOLLE

- Digital Audio Mixer type Studer Vista 8
- 2 x StageBox, each 40 analogue microphone - line inputs, 8 line inputs and 8 line outputs
- Audio Console is equipped with 50 Faders (40 – Fader Bay and 10 – Control Bay) working on 6 layers

### Configuration

- **STEREO** - 110 Mono Faders, 30 Stereo Faders, 8 Stereo Groups, 16 Mono Auxes, 8 Stereo Auxes
- **SURROUND** - warstwa pulpitu miksera zawiera 50 tłumików (40 / Fader Bay, 10 / Control Bay).

### SPEAKERS

- Monitoring Genelec 8030/7050 (5.1 Setup)

### WIRELESS MICROPHONES

- Set of 20 Channels Sennheiser Wireless Microphones consist:
- 10 double Sennheiser Diversity Receivers EM 550 G2
- 20 Sennheiser Transmitters SK 500 G2
- 10 Sennheiser Hand Held Microphones SKM 935 G2
- 20 Miniature Microphones MKE2-EW-GOLD (10–black, 10–flesh coloured)
- 10 Head Set Microphones Countryman WCE6iT
- 10 Head Set Microphones Sennheiser Ear Set 4-EW (equivalent to HSP)
- Set of 8 Channels Sennheiser Wireless Microphones consist:
  - 8 Sennheiser Receivers 5000 Series
  - 8 Sennheiser Receivers SK 5212-U
  - 8 Sennheiser Hand Held microphones SKM SKM 5200
  - 8 Miniature Microphones MKE 2 Platinum

### STAGE MICROPHONES

- 6 Dynamic Microphones Shure BETA 58A
- 2 Electret Supercardioid microphones Shure BETA 87A
- 6 Dynamic Microphones Shure BETA 57A
- 1 Dynamic Microphone Shure BETA 52A
- 4 Dynamic Supercardioid Microphones Shure BETA 56A
- 2 Mini Condenser Supercardioid Microphones Shure BETA 98/S
- 1 Sennheiser Microphone E901
- 1 Sennheiser Microphone E902
- 4 Sennheiser Microphone E904
- 1 Sennheiser Microphone E905
- 4 Sennheiser Microphones E914
- 1 Sennheiser Microphone E614
- 4 Sennheiser Microphones E908B
- 2 Sennheiser Microphones E935
- 2 Sennheiser Microphones E945
- 4 Sennheiser Microphones E906
- 2 Neumann Microphones KMS 105

### EFFECTS MICROPHONES

- 2 Cardioid Condenser Microphones Sennheiser MKH 40
- 10 „Short Gun” Microphones Sennheiser MKH 60
- 2 „Long Gun” Microphones Sennheiser MKH 70

- 2 MS Stereo Microphones Sennheiser MKH 418 S
- 2 Omnidirectional Microphones Neumann KM 130
- 2 Cardioid Microphones Neumann KM 140
- 1 MS Stereo Directional Microphone AudioTechnica AT815ST
- 1 MS Stereo Directional Microphone AudioTechnica AT835ST

**SURROUND MICROPHONES**

- 1 5.1 Holophone Microphone H2 PRO
- 3 Schoeps Microphones CCM4UG
- 2 Schoeps Microphones CCM4VUG

**COMENARY BOX**

- Double Commentary Box Glensound Electronic

**AUDIO MONITORS**

- 2 Active Audio Monitors JBL EON 10 G2
- 2 Active Audio Monitors JBL EON 15 G2

**DIGITAL EFFECTS PROCESORS**

- 1 Digital Reverberator TC Electronic REVERB 6000
- 1 Lexicon 960L
- 1 TC Electronic M-ONE
- 1 TC Electronic D-TWO
- 4 TC Electronic D22

**RECORDS REPLAYS**

- 1 CD Player - Recorder MP3 Tascam CD-RW 901
- 1 Player - Recorder MD Tascam MD 350
- 1 Instant Replay 360 Systems
- 1 Hard Disk Workstation Tascam X48

**OTHERS**

- 1 Dual Telephonic Hybrid ATV TH2
- 1 GSM Hybrid Robert Leacroft GSM-UNIT-MAINS

**INTERCOMS**

- Cronus Matrix System 64x64 Telex
- Wireless Intercom Station
  - 2 Wireless Base Stations (2-channels) Telex BTR-800
  - 10 Wireless Beltpacks Telex TR-800 (2-channels)
- Two-Way Wired Beltpack Intercom
  - 4 modules 2-channels Beltpack for Two-Wire Intercom System Telex BP-325
- Monitoring Systems
  - 4 Twi Stereo Transmitters Sennheiser SR-3256
  - 12 Stereo „Bodypack” Receivers for Sennheiser Monitoring Systems eW 300
- Radio RX/TX
  - 1 Base Station TAIT TB 7100
  - 8 Two-Way Radios Motorola GP340 (walkie - talkie)

## DIMENSIONS

### POWER REQUIREMENTS

- Power requirements 20 KW 3 x 400V
- connector CCE 3p+Z+N 63A/400V

### DIMENSIONS

- OB Van
  - Total weight 26,5T
  - Length 12m
  - Height 3,95m
  - Width 2,55m
  - Width when expanded 3,65m
- Assistant Van
  - Total weight 12T
  - Length 10m
  - Height 3,40m
  - Width 2,55m