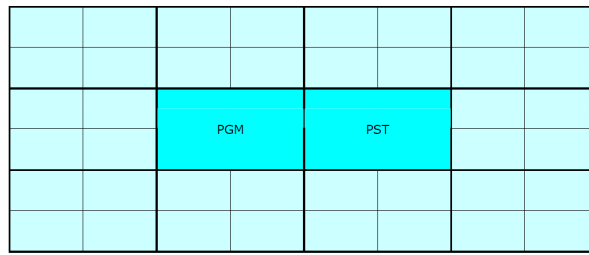
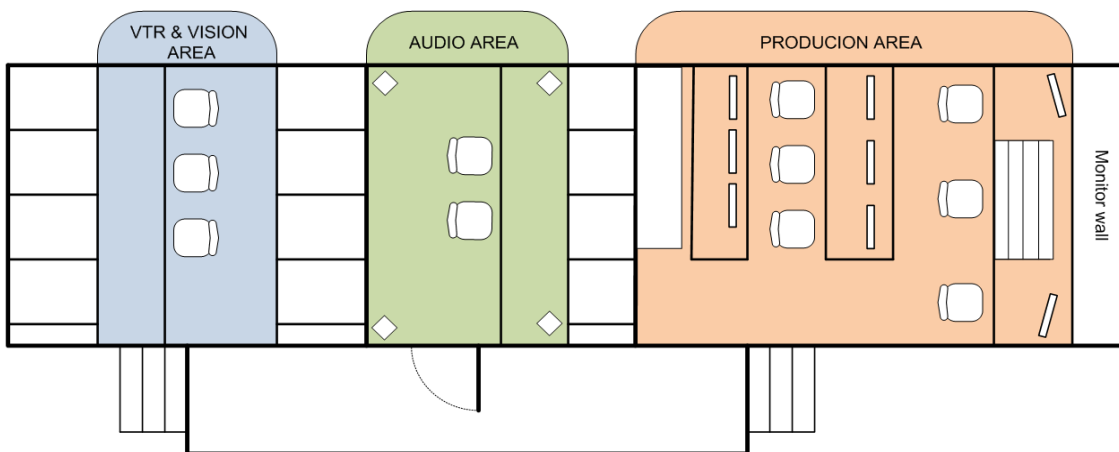


TECHNICAL SPECIFICATION OUTSIDE BROADCASTING VAN

HD 02



MONITOR WALL



FLOOR PLAN

VIDEO

Cameras

- 8 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
- 3 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 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)
- 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
 - A- 28 analogue microphone - line inputs, 32 line inputs and 16 line outputs
 - B- 12 analogue microphone - line inputs, 16 line inputs and 16 line outputs
- Audio Console is equipped with 40 Faders (30 – 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 40 tłumików (30 / Fader Bay, 10 / Control Bay).

SPEAKERS

- Monitoring Genelec 8030/7050 (5.1 Setup)

WIRELESS MICROPHONES

- Set of 16 Channels Sennheiser Wireless Microphones consist:
- 8 double Sennheiser Diversity Receivers EM 550 G2
- 16 Sennheiser Transmitters SK 500 G2
- 9 Sennheiser Hand Held Microphones SKM 935 G2
- 15 Miniature Microphones MKE2-EW-GOLD (10–black, 10–flesh coloured)
- 8 Head Set microphones AudioTechnica CAi E610W5TSR
- 10 Head Set Microphones Sennheiser Ear Set 4-EW (equivalent to HSP)

STAGE MICROPHONES

- 6 Dynamic Microphones Shure BETA 58A
- 2 Electret Supercardioid microphones Shure BETA 87A
- 4 Dynamic Microphones Shure BETA 57A
- 1 Dynamic Microphone Shure BETA 52A
- 3 Dynamic Supercardioid Microphones Shure BETA 56A
- 2 Mini Condenser Supercardioid Microphones Shure BETA 98/S

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 MS AudioTechnica BT 4029
- 1 MS Stereo Directional Microphone MS AudioTechnica BT 4027

SURROUND MICROPHONES

- 1 5.1 Holophone Microphone H2 PRO

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
- 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 DR-554-E 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
 - 6 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
 - 3 Sennheiser Two-channel Stereo Transmitters SR-3256
 - 7 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