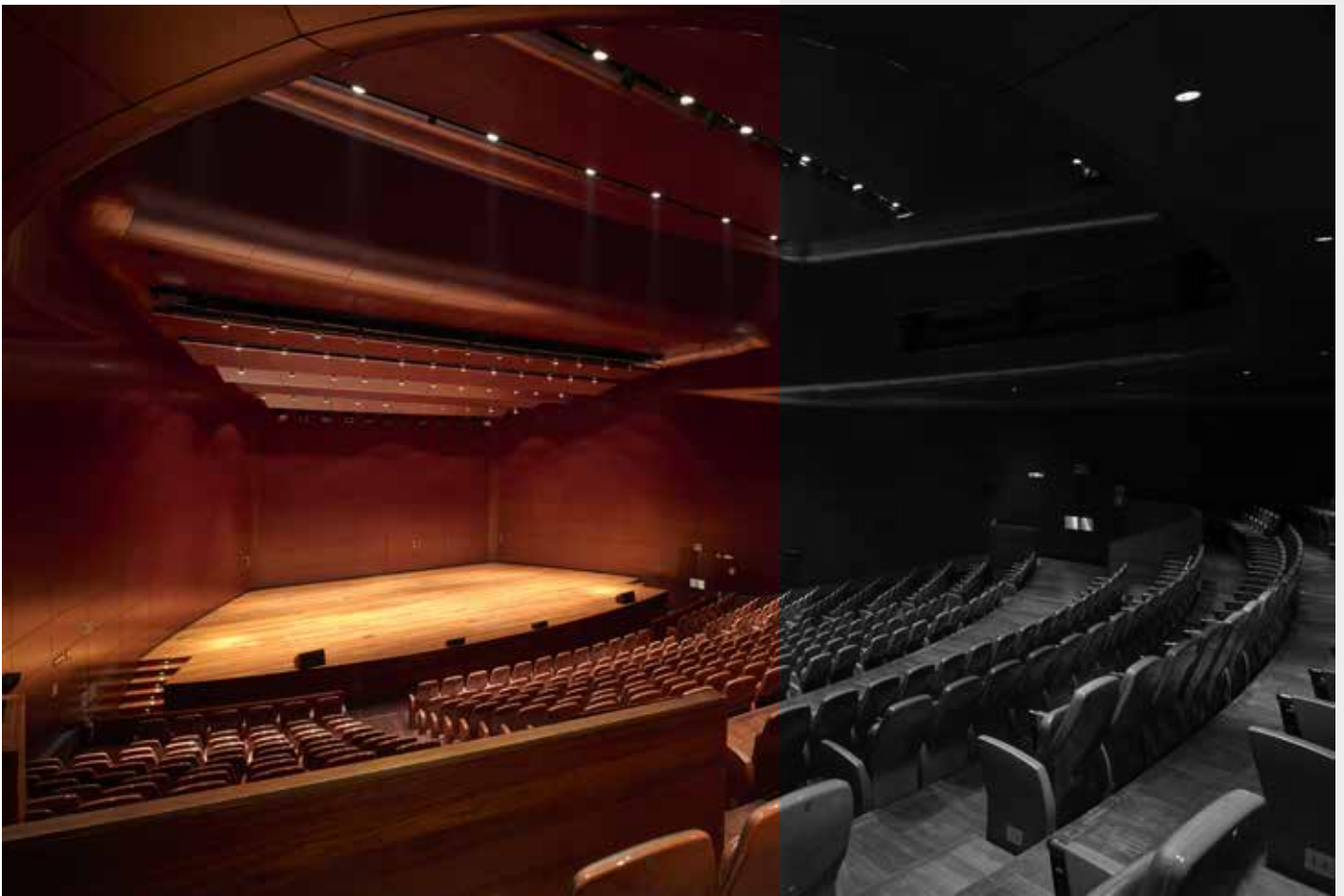


N O U V E L

AUDITORIUM 400

Datasheet



CAPACITY

425 

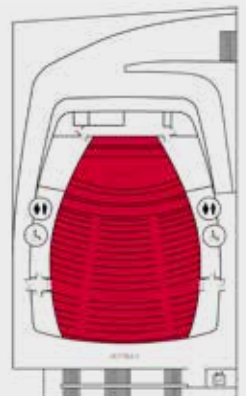
STAGE AREA

115 m²

AVAILABILITY

Monday to Sunday all day
(Bank holidays included)

*Capacity can be limited
to 283 ppl.



Auditorium 400

Technical Rider

The venue's fee includes technical assistance (2 technicians max.) and the use of audiovisual equipment and infrastructure.

All Museum adiotechnical equipment is maneged exclusively by the Museum's technicians.

If, due to the circumstances of the assembly, it is necessary to climb the catwalks on the stage, *prior authorization will be required from the Museum, being essential to use the PPE (personal protective equipment) for work at height.

* The use of stage poles is currently out of service due to a change in safety regulations. The material of the poles may not be manipulated.

- Capacity of 425 seats, with provision for reserved spaces for 6 people with reduced mobility in a wheelchair.
- Maximum stage dimensions:
 - 16,5 m x 9,4 m.
 - 115,6 m².
 - 8,7 m. high at the mouth.
- Two 42 " TFT screens availables in the Nouvel Lobby allowing the display of a general shot of the auditorium stage or any other signal sent from the technical booths through video / audio and VGA outputs.
- The Image format for the Nouvel Lobby screens can be: BMP, GIF, JPG-JPEG, PNG AND PDF, If it was a video: (preferably .mov or .mp4).

Film AVI	.avi
Film MPEG-4	.mp4, mpg4
Film MPEG-4 of Apple	.m4v
Film MPEG	.mpg, .mpeg
Film QuickTime	.mov or .qt

- There are 27 audio, video and electricity connection boxes spread across the stage and central seat aisle, which have a direct connection to the technical booths. There are also external boxes (UEX Rack) in the material unloading area, for mobile units, with direct connection to the technical booths in the auditorium, containing connectors for microphones, returns, auxiliaries, video, RGB, data, (cat . 6 ftp), telephone and triax.
- Intercom between operators and room through 4 Walkie Talkies, connection to Backstage through wired intercom and scene monitoring screen.

Audio

Audio recording and reproduction systems

- Yamaha PM5D mixing desk located in the technical sound booth. Mix audio from microphone and video or computer audio signals.
- Meyer Sound self-powered PA system consisting of frontfill (2 center UPM-1P and 2 side UPA-1P) and 8 side speaker ring (UPM-1P), 2 USW-1P self-powered subwoofer, all processed with Tc-Electronic eq station .
- The entire installation of audio cabling in the auditoriums is analog and there is a 1: 1 insulated ground electrical network (Clean Network) with clean sound and no parasitic noise.
- 2 hooks on the stage ceiling, above the mouth, which can be lowered to install an audio line array, bearing a maximum weight of 500 Kg each.
- AUTOPATCH CP-10 audio matrix control.
- DINACORD DSP-244 audio equalizer.
- YAMAHA SPX-2000 Audio Effects Generator.
- TASCAM CD-RW 2000 Audio CD Recorder.
- TASCAM MD350 minidisc player.
- MARANTZ PMD 351Pro audio cassette deck.
- TASCAM CD 450 CD audio player.
- The supported audio formats are Mp3, Mp4, Wav and CD audio.
- Recorder MP3 Marantz PMD 620 MKII . The recording can be made in mp3 and wav audio.
- Press Rack. Forwarding signals to RGB and composite video media. It consists of:
 - 5 PINANSON patch panels with 16 plug connections XLRs each (80 plug XLR connections in total).
 - "Cofre de Albalá" with 5 card AAD300 (1 * 6 audio outputs dual audio distributor).

Shared with
Auditorium 200

Conference system, videoconference and simultaneous translation

- 9 microphones maximum from the DCN conference system. There are 2 units of President LBB 3547/00 and 9 units of delegate LBB 3545/00.
- 9 headphones (induction hoses) for the hearing impaired.
- 3 simultaneous translation booths with three reference monitors in Auditorium 400 with 5 BOSCH TYPE LBB 3520/50 simultaneous translation desks for three languages plus room language (original).
- 400 BOSCH LBB 4540/04 infrared receivers with their respective rechargeable batteries and with charging suitcases.
- BOSCH INTEGRUS simultaneous translation system with infrared transmission through 3 IR 25 BOSCH LBB 4512/00 radiators.
- There is possibility of record the translated audio + the original.

Microphones

- 1 XLR connection condenser microphone (AKG C900).
- 2 AKG HT 450 wireless handheld microphones.
- 2 AKG PT 400 wireless lavalier microphones.
- 4 AKG SR 400 wireless microphone receivers located in the audio control.
- 2 pencil microphones with stand connection XLR (AKG C747).
- 2 table microphone stands.
- 8 AKG WMS 470 headset microphones.
- 4 Shure SM 58 microphones.
- 4 Shure SM 57 microphones.
- 4 PGA 81 microphones.
- 6 microphone feet Straight Round Base.
- 5 articulated microphone feet.
- 2 bass jointed microphone feet.
- 2 BSS AR-133 direct Injection Boxes.

Shared with
Auditorium 200

Video

Projections systems

- SANYO PLC HF15000 15,000 lumens projector located in the video booth:
 - Format in 16:9 & 16:10.
 - 2K native resolution (2048 x 1080).
 - It has VGA sub-D15HD and 5 BNC, HDMI and DVI input. (does not support SDI HD).
- SDI HD (1080i) system consisting of two Panasonic smart home cameras operated from the AW-RP50 control unit.
- Switcher / scaler Kramer MV-5 to perform dynamic background and up to 4 PiP. Supports HDMI, DVI, PAL, SDI, SDIHD, and VGA inputs. Realization by cut, not Cast.
- Extron 8X8 hdmi matrix.
- HS-50 mixer (cam1, cam2, Auditorium 400, mtx. Out). (HD interconnection between auditoriums).
- 1 Extron DTP (hdmi signals) from the stage to the matrix of the technical booth through structured cabling (cat6 FTP), matrix return signal to the stage with two HDMI distribution points for placing the TV monitor on the ground. (with wedge support).
- AW-HS50 mixer and SDI distribution, one part of the signal is directed to the input of the MV-5, A.200 (HD interconnection between auditoriums), patch and the other to the datavideo DAT-50 converter (to take advantage of the monitors and distribution of PAL signal in the monitoring bridges, stage boxes, room, translation booths and backstage).
- It has professional connections for composite video, RGBHV, DVI and includes HDMI technology suitable for viewing HD video.
- Perforated PVC motorized electric screen for projection. Dimensions: 6 meters high and 10 meters wide.
 - The screen lowered to its maximum point remains 1.5 meters from the ground.
 - DThe projection distance from the technical booths to the screen is 24 meters approximately.
- Supported formats for projection:
 - From a computer on stage (handled by the leasing company) or in the booth (Museum computers operated by its own technicians or external landlord computers managed by its technicians): Power Point, video + audio, mpeg2 and mpeg4, mp4, .mov.
 - (H.264 y Prores 422).
 - From equipment located in the control cabin: DVD and Betacam, Blu-Ray, direct HDMI / DVI input.
 - Microcue2 wireless controller to pass images or videos.

Sistemas de reproducción y grabación de imágenes

- 1 SONY J30 multi-format player VTR (betacam SP, betacam SX, betacam MPEG, betacam DIGITAL).
- 1 VHS multi-format DVD and JVC DR-MX1 DVD.
- 1 multi-format DVD mini DV and HDD with recorder hard disk model JVC SR- DVM700.
- BLU-RAY SONY BDP S370

Shared with
Auditorium 200

Illumination

- Stage:
 - 4 motorized lanes with 46 90-watt ERCO Eclipse Flood lights, distributed from the back of the stage to the public, in a row of 10 lights, another of 11, another of 12 and the mouthpiece of 13.
 - Each truss or tod supports a maximum weight of 150 Kg.- 12 Par 64 with lamp CP62 (N°5).
 - 12 Barras de Led Stairville 252.
 - 4 par 64 Leds.
- The stalls:
 - 2 practicable walkways with bar for hanging spotlights and dimmer circuits.
 - 10 cuts of 750 watts ETC Source Four 15/30° on the second gateway.
- LT-Light HYDRA SPACE 48 table. 2048 DMX directions, 48 submasters.
- Network of DMX 512 lines distributed on each footbridge over the stall and on the lanes of the stage. The connection of the DMX lines is through RJ45, Canon XLR5 connectors.
- Dimmers.
 - ETC SENSOR system.
 - 108 circuits of 16 A (3 Kw) are installed with the following distribution of them (54 interchangeable 2-channel modules) 36 modules (72 channels) are dimmers.
 - Room: bridge 2 over the seating area, circuits from 1 to 18; bridge 1 over the seating area.
 - Stage: circuits 49 to 108 on stage. Entry to Dimmers only through Harting of 8 circuits being used only 6 (no hoses or busbar or distribution boxes are available).



Shared with
Auditorium 200

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Power

- Three-phase electrical panel of clean power in the Backstage:
 - Maximum consumption 380 V, 3F + N T, 250 Amp.
- Existing sockets on the electrical panel:
 - 1 three-phase power lock type 250 Amp. maximum.
 - 1 cetac 63 A 3F + N + T socket.
 - 3 single phase schuko 16 Amp. sockets.
 - 1 cetac socket 32 A 3F + N + T.
 - 2 80 A 3F + N + T harting jacks.
 - Two 80 A maximum mobile electrical panels to connect to the 80 A Harting sockets, with 5m extension cords with 2 harting connectors, a 32 Amp. cetac base and 4 single-phase sockets 16 Amp. schuko.
 - Maximum simultaneous consumption for lighting of 250 Kw.
 - There is no emergency UPS (Uninterruptible Power Supply).
 - 2 Cetac 32 A socket in Stage Galleries.

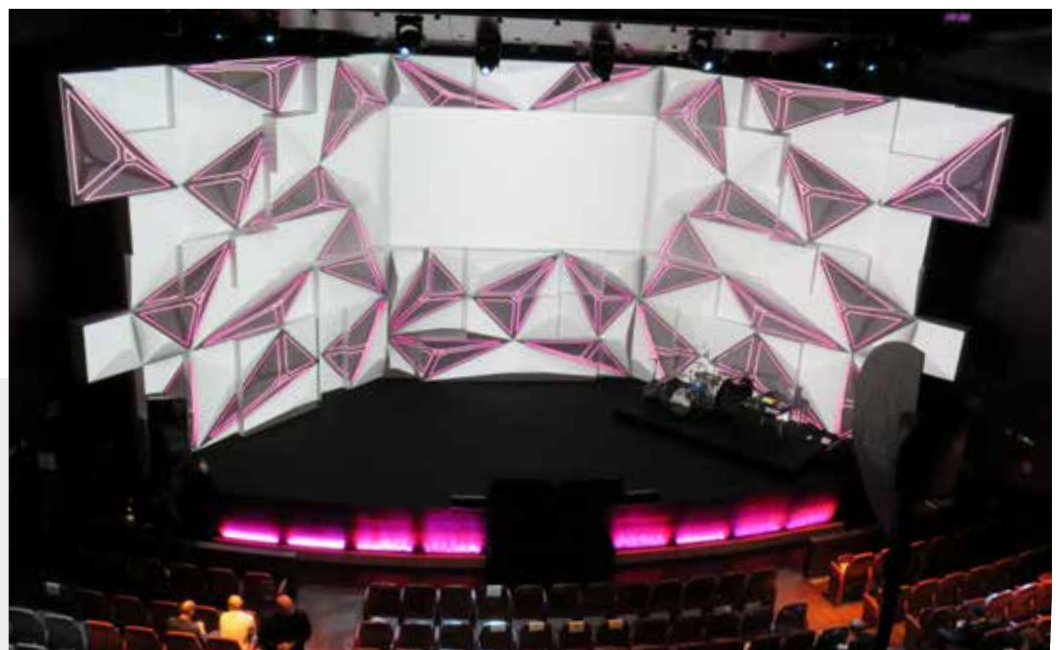
Equipment for broadcast abroad

- Blackmagic ATEM Mini Pro. Streaming mixer for live broadcasting, using up to 4 HDMI inputs for cameras or computers with automatic conversion of 720p, 1080p and 1080i formats, 1 HDMI output, 1 USB-C output and Ethernet connection. Possibility of making any type of presentation (ppt, video clip, graphics, logos, etc.), with integrated digital effects that allow you to use PiPs, make transitions with fades, dissolves, curtains, etc. It has 2 direct microphone / line inputs that can be connected to an audio table auxiliary (n-1) or independent embedded, all with adjustable delay. Possibility of recording content directly to USB drives or any external device (main program signal with H.264 codec).
- Conversor SDI-HDMI Blackmagic.
- 1 Mini camara 4K: VICTURE AC 800 whit tripod.
- 1 Mini camara 4K: ZOOM Q2n-4K/IF whit tripod.
- There are some external boxes (UEX Rack) in the Museum dock where the mobile units can be connected, these boxes have direct connection to the technical booths of Auditorium 400 and the Auditorium 200. These boxes contain micros, returns, auxiliaries, video, rgb, data, telephone and Triax both of a Auditorium like another.

Shared with
Auditorium 200

Internet connections

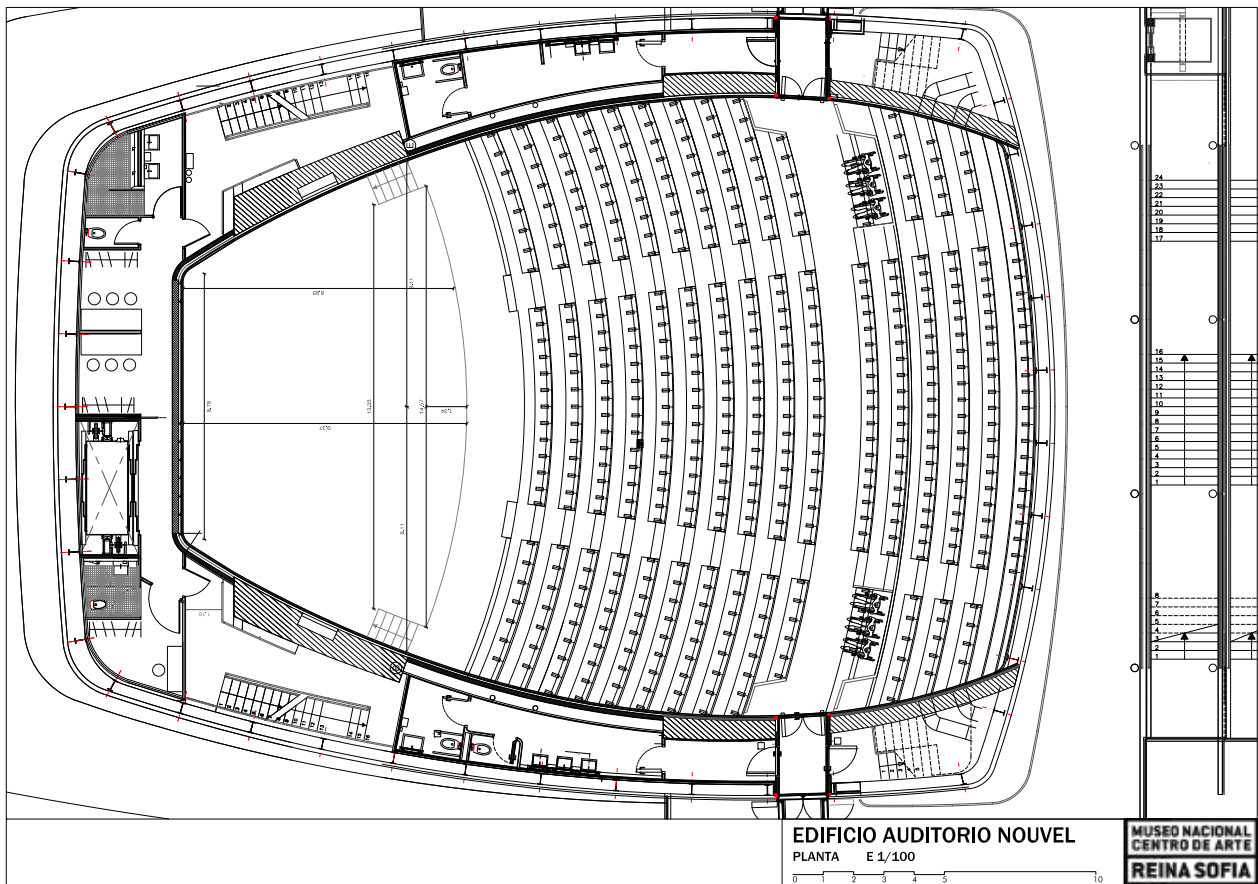
- ARUBA-215-RW wireless antenna designed to provide Wi-Fi connectivity inside the auditorium. It is connected to a 1GB line shared with the entire museum. SSID – MNCARS-Museo
- A Symmetrical 1GB FFTH Fiber Router (in the booth) intended to provide Wi-Fi connectivity inside the auditorium, as well as having the possibility of patching different Ethernet points in the seating area and on the stage. SSID – Auditorio400C y Auditorio400CPlus
- A FFTH Fiber Router of 1GB (on stage) intended to provide Wi-Fi connectivity inside the auditorium. It is locate don the stage, so gives the possibility of direct connection by Ethernet cable for possible presentations from PC. SSID – Auditorio400E y Auditorio400EPlus



Auditorium 400



Auditorium 400 plan



Electric panel plan

