THÉÂTRE DU PASSAGE

Technical Rider

Main Auditorium

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Théâtre du Passage
Passage Maximilien-de-Meuron 4
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General information

Team

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Venue Maintenance	Frédéric Flückiger	frederic.fluckiger@ne.ch	+41 79 925 38 14
Restaurant	Brasserie du PasSage	info@brasseriedupassage.ch	+41 32 717 82 24

Working hours – Technical Crew

1st Shift 09h00 – 13h00
2nd Shift 14h00 – 18h00
3rd Shift 19h00 – 23h00

Nota: This schedule can be modified if necessary depending on previous agreement.

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Access - Artists - Technicians - Trucks - Admin office

Faubourg de l'Hôpital 19b, 2000 Neuchâtel, Switzerland

Transport

The Swiss law forbids any truck of more than 3.5 tons from driving between 22h00 (10 p.m.) to 05h00 (5 a.m.), as well as on Sundays and on public holidays. If you need to drive with such a vehicle during this timeframe **an authorization is mandatory**.
If you are driving such vehicles, please make sure to communicate your arrival and departure dates and times.
This will ensure that the street is clear of any car that could prevent you from accessing or leaving the theater.
We advise you to enter backwards through the gate, as the courtyard space isn't sufficient for this manoeuver.

Parking

Trucks can usually stay parked next to the theater's loading dock for the whole working time (set up, performance and get out/strike).
The loading dock has direct access to the main stage. It has a goods lift (from the floor's level to the loading dock's level) with a weight loading limit (WLL) of 2000kg.
The dressing rooms and the trap room are accessible from the loading dock with an elevator/lift.

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Venue Information

Seating Capacity

First rows: 84 seats
Stalls: 437 seats + 20 folding seats
Total capacity: 521 seats + 20 folding seats : 541 numbered seats

Stage Dimensions

Proscenium Width: 13.8 m
Proscenium Height: 0.8 m
Width of stage (wall to wall): 23 m
Orchestra pit (lifted to stage level) to Backwall : 19 m
Depth from front proscenium to Backwall : 15,5m
Back of Fire Curtain to Backwall: 13,4m
Back of Red Curtain to Backwall: 12,2m

*NB : ! The front of the proscenium is in a curved shape (see plan) !

Stage Floor

Our stage floor is made out of Oregon pine, painted in matte black. There are 17 x 9 traps of 1m x 1.1m
Stage load limit (WLL): 800 kg/m2 (evenly distributed).
The backstage, upstage and wing parts of the stage floor don't have traps.

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Crossover

This area is mainly used as storage and to bring the set from the loading dock to the stage, it has a sliding metallic door to the back of the stage.

Access bay : L 6m × W 4,5m x H 3.5m, with metallic sliding doors leading to the loading dock.
Storage space: L 12m x W 6m x H 3.5m

Trap Room (Understage)

Height from Trap Room Floor to metal beams : 2,5m
Height from Trap Room Floor to bottom of traps : 3,0m

Please contact us if you need to use the Trap Room/Understage.!

Fly Loft

Stage to Bottom of grid: 17,7m
Battens Maximum height : 17,2m
Height under 1st catwalk: 7,8m
Height under 2nd catwalk: 11,8m
Height under 3rd catwalk (counterweight loading platform): 15,4m

Upstage Catwalk Depth : 1 m (WWL: 500kg/m^2)
Stage right Catwalk Width : 1,8 m (WWL: 500kg/m^2)
Stage left Catwalk Width: 1,3 m (WWL: 800kg/m^2)

Width between the SL Catwalk and the SR Catwalk: 19,9 m
Depth from Back of Fire Curtain to 2nd Catwalk 12,5m

Grid

The loft is walkable and accessible via the catwalks. Grid traps can be dismantled if necessary.

Heavy equipment can be brought up through a grid trap upstage right using an electric chain hoist. (WLL: 500kg)

A number of rigging setups are possible as we are equipped with sliding rails to maneuver the electric chain hoists from upstage to downstage. Weight load limit (WLL): 200 kg

Fly Lines

38x battens (counterweights)
Maximal length: 19,6m
weight loading limit (WLL: 300kg)

1x batten (n°14) is equipped with an electrical hoist, which cannot be used for live movements during a show, as it can't be programmed and is noisy. (WWL: 300kg)
Maximal length: 19,6m

4x lateral battens (counterweights) (vertical to the proscenium line) (2x Stage Right + 2x Stage Left) (WWL: 200kg)
Maximal Length: 10,8m

All of the counterweight cages are Stage Left. All of the battens can be operated directly from the stage level (Stage Left).

Red Velvet Curtain
Clivia 600 gr/m^2
Both motorized and manual opening possible. The curtain can fly out.

Orchestra Pit

The orchestra pit has 3 possible levels:
Trap room level (understage level)
Stalls level
Stage level

Area : 50 m2
Capacity : 50 musicians

It can be equipped with enough chairs and music stands necessary for 50 musicians.
The orchestra pit (on trap room/understage level) can be accessed on both sides. Toilets and green room nearby.
The orchestra pit is equipped with a dedicated ventilation, heating, and AC system.
A video monitor for the conductor is available.

Dressing Rooms

All the dressing rooms are one floor higher than the stage floor, and are upstage. Accessibility by taking the elevator (stage right) or up the stairs (stage right and stage left).

1x big dressing room for 10 people (with showers)
2x dressing room for 2 people (with shower and toilets)
2x dressing room for 3 people (with shower and toilets)
4x dressing room for 4 people (with shower and toilets)

Wardrobe/laundry room
Green room with free WiFi
1 quick dressing room adjacent to the stage (upstage right)

Control Booth

The control booth includes 3 spaces for Lighting, Video and Sound (see drawing for their usual positions).

The booths are located at the back of the house. Its windows can be opened or closed. The stage can be accessed directly and anytime using the stairs to left and right wings.

CONTROL BOOTH		
LX	VIDEO	SOUND
PUBLIC		
SL	STAGE	SR

Intercommunication

8x Beltpack Green Go HF
3x Beltpack Green Go « wired » (in control booth)
1x Station Green Go (stage operator)
1x Clearcom Station base (linked to the Green Go HF network)
8x Clearcom Beltpack (wired) (1 ch.)

Prompt Corner

Can be placed stage right or stage left
Selective calls system
Stage and conductor monitors

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Equipment – Stage and Machinery

Risers:
20x risers 2mx1m Prolight
6x risers 1mx1m Prolight

Riser legs:
80x 20cm
80x 40cm
80x 60cm
80x 80cm
80x 100cm
24x 120cm

Riser accessories:
30x riser assembling pieces
12x feet assembling pieces

8x riser wheels

3x 2m safety railing
2x sliding safety railing
6x 1m safety railing

17x chair safety stops 185cm
1x chair safety stops 85cm
10x adhesion pieces for black cloth 200cm

Stage Drapery

4x borders velvet black Clivia 18m × 5m
6x borders velvet black Clivia 18m × 3m
1x border velvet black Clivia 18m x 1.5m
12x legs velvet black Clivia 7m × 9m
2x velvet black Clivia backdrop 9m × 9m (both equipped on a track system with overlap and handline)
3x velvet black Clivia backdrop 18mx9m
1x cyclorama white polyester 18m × 9,5m

Vinyl Marley Dance Floors

Gerriets black/white
thickness: 1,2 mm
8x rolls of 20 m × 1,6 m
1x roll of 13,50 m × 1,6 m (for the proscenium)

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Rigging Equipment - Grid

Please note that, although different electric chain hoist positions are possible on our grid, multiple areas are structurally not equipped to rig hoists. A layout plan detailing those areas is available.

Because of that, it is mandatory to draw your hoist positioning needs on our plans (to scale) and to send them to us for approval at the latest 2 weeks before your arrival. This will allow us to approve of the hoist positions or contact you to find a compromise if needed.

For safety measures, any task done on the grid must be done once the stage has been cleared from all staff members. Please take that into consideration in your set-up and strike schedule. If no time can be dedicated to this on set-up day, we must receive the necessary information on plans (to scale) to do a pre-rig before your arrival.

Any rigging equipment used must get maintenance and safety checks every 12 months and respect the swiss rigging norms. **The hoists' chains must be minimum 18m long, ideally 20m.**

Our rigger has the right to refuse using any equipment he judges as inadequate.

4 Chainmaster SB4.2/13M C1 1 ton, 4m/s (can be operated from stage)
8 Beam Clamp Eller 3 tons with shackle
4 Beam Clamp First stage 1 ton
Various round steelflex slings, steel slings and shackles are available.

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Equipment – Sound

Our FOH and stage sound system's inputs are in DANTE. If your sound mixer doesn't work via DANTE, it will be necessary to take your mix through our mixer so we can use our amps. If your sound mixer can work in DANTE, we will be able to plug your console directly into our sound network, using our IP address system and redundancy.

Diffusion | FOH
1x Line-Array D&B (position can't be changed), each side has:
4x Y8
2x Y12
1x YSUB

2x D&B 10S (clusters on FOH apron truss, LR sommation, position can't be changed)
4x D&B E4 Front-Fills (Spread out on stage's apron border, LR sommation, position can't be changed)
2x D&B 5S (Control booth monitors)
2x Ampli D&B D40 (Line Array + Subs)
1x Ampli D&B D20 (Clusters + Front-Fills)
1x Ampli D&B 10D (Control booth)

Diffusion | Stage
4x D&B E8 (with 4x hanging accessories)
8x D&B E12 (with 6x hanging accessories)
2x D&B B6 SUB
2x L-Acoustic 108P with hanging accessories
4x AD system MI-15
3x Ampli D&B D20 (2x racks, 1x movable, 12x amplification channels)
3x Ampli T.Amp TSA1400 (1x racks, 2x movable, 6x amplification channels)

Sound Mixers
1x Yamaha CL3 (IP address can't be changed) with ADAT MY16 AT card
1x Yamaha QL1 (IP address can't be changed)

Sources I Sound cards
1x IMac with QLab and DVS
2x CD Tascam SS-CDR200
2x MD Sony MDS-E11
1x AVIO USB
1x AVIO USB C
1x AVIO Bluetooth

DSP | EQ | Delay I Converters
1x D&B DS10 (converter DANTE-AES for D&B FOH and stage amps)
1x laptop used for DSP control over the FOH amps.

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FX | Dynamics

1x multi-effects TC Electronic M2000
1x quad compressor BSS DPR 404

Mics

2x AKG 414 B-ULS 2x AKG C1000
6x AKG C 547BL
4x Neumann KM184 (black)
1x Superlux S502 (couple ORTF)
2x Shure KSM137
2x Shure SM57
4x Shure SM58
1x Shure SM58 switch
1x Shure Beta58a
2x Shure Beta57a
1x Shure Beta 87a
1x Shure Beta52
2x Shure Beta91a
1x Shure Beta98 H/C
1x Beyerdynamic M88
1x Sennheiser MD421 II
1x Sennheiser e609
3x Sennheiser e604
4x Sennheiser K6 with ME 66 capsule
4x Sennheiser ME 36 (conference mics)
2x DPA 4099 with clamp set
4x DPA 4066 headset beige with Microdot/mini-XLR adapter
2x DPA 4466 headset beige with Microdot/mini-XLR adapter
2x DPA 4466 headset brown with Microdot/mini-XLR adapter
2x DPA 4060 lavaliers black with Microdot/mini-XLR adapter
1x DPA 4061 lavaliers black with Microdot/mini-XLR adapter
4x DPA 4061 lavaliers beige with Microdot/mini-XLR adapter
4x Preamp. Microdot/XLR for DPA
4x Receiver Shure UR4D+ J5-E (dual receiver / 578-638 MHz) with distributed and amplified antennas
8x Shure UR2 J5-E (mains) with capsules :6x SM58, 3x B58, 3x KSM9, 1x B87
8x Beltpack Shure UR1 J5-E
(On demand and if available : 1x Set of 4 HF channels (mobile), with 2x receiver Shure UR4D J5-E, 1x splitter antenna, 4x UR2 / SM58, 4x UR1, 2x antennas.)

DI-boxes

2x Radial J48 active
2x Radial PRO48 active
2x Behringer Ultra-DI 100 active

Mic stands

16x Tall mic stand
2x Tall mic stand with round base
4x small-medium mic stand
3x small mic stand
6x table mic stand
2x claw latin perc
4x speaker stand with round base
4x speaker stand (tripod)

Patch

Multiple patching bays with bantam and Speakon(1+/1-) are available throughout the venue and centralized to the main patchbay.

1x Yamaha RIO1608-D2 rack in main patchbay (DANTE 16 in / 8 out, IP address can't be changed)
1x Yamaha RIO3224-D mobile (DANTE   32 in / 16 out + 4 out AES, IP address can't be changed)
1x Yamaha RIO1608-D mobile (DANTE 16 in / 8 out, IP address can't be changed)
1x Multicore XLR 32 in / 8 out, 50m
1x Multicore XLR 12in / 4out, 10m

Dressing room monitors

Dressing rooms and backstage areas are equipped with monitors via stage control board.
Ambient sound mics are available and patchable.

Other

1x IPad for remote control of CL3 and/or QL1.
1x dedicated Wifi

Equipment – Lighting

Control boards and dimmers

1 ETC EOS Apex 10
1 ETC EOS Gio@5 (used as backup)
1 ETC EOS motorized fader wing 10
1 COMPULITE Vector ultra-violet
154x 3 KW dimmer circuits (mobile) + 6x 5KW dimmer circuits (mobile).
2x Luminex LumiNode 12
4x Luminex LumiSplit 2.10

Fixtures

12x profile spot Juliat 713 SX 2 KW 29/50°
20x profile spots Juliat 714 SX 2 KW 15/40°
18x profile spots Juliat 614 SX 1KW 16/35°
12x profile spots Juliat 613 SX 1 KW 28/54°
1x profile spot Juliat 934 2.5 KW HMI
2x profile spots Juliat 933 2.5 KW HMI
24x Dalis 860 Juliat
10x fluorescents quadri Juliat
15x fluorescents solo Juliat
16x profile spots RVE 2 KW 8/32
20x profile spots RVE 1 ou 1,2 KW 8/30
30x profile spots RVE 1 ou 1,2 KW 18/40
6x 5 KW Fresnel STRAND studio
20x CP LDR 2 KW 9/70
10x Fresnel LDR 2 KW 16/70
60x CP LDR 1 or 1,2 KW 8/60
34x cycliodes ADB ACP 1001 1000W (asymmetrical)
90x PARCAN 64 1 KW CP 61 / CP62 / CP60 / CP95
2x HMI Fresnel 2,5 KW Arri
8x Sunstrip active Showtec
6x DMX blinders (double) (unmovable, see plans)
37x Nandobeam S6 AYRTON
12x LED RUSH PAR 2 MARTIN
4x Sinfonya 600 CLAY PAKY
10x Mini B CLAY PAKY
4x Rivale AYRTON

MDG	1x ATMe
	1x Me3
	1x theFAN
Look	2x Viper NT

Other	10x lighting ladder, height: 2m-4m
	Socapex and extension cables
	Various DMX splitters

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Equipment – Video

VP

1x Panasonic PT-RZ 120 with ET-DLE035, 055, 080, 100, 150, standard, 250, 350 lenses
1x Panasonic PT-D10000E with ET-DLE1 lense (ET-DLE5 lense available on demand)
1x Panasonic PT-6700 with standard lense
3x DMX internal Shutter control.
Hanging/rigging system available.

Screens

1x Screen for front projection 13m × 7m
1x Screen for back projection 13m × 7m
1x Screen for front or back projection 7,5m × 4,3m (can be hung or on legs)

Video Monitors

2x screen TV Samsung LED 82 cm with HDMI, component,
RGB inputs and SDI-HDMI converter.

Control board

1x Macbook pro M1
1x Blackmagic ATEM 4 M/E Broadcast Studio 4K
1x Blackmagic ATEM 2 M/E Advanced Panel 20
1x Blackmagic Web Presenter HD
1x Blackmagic Smart Videohub CleanSwitch 12x12
1x Blackmagic Smartview Duo 2
Blackmagic HDMI to SDI and SDI to HDMI converters
2x Decimator HDMI to SDI//SDI to HDMI
1x video scaler Analog Way Pulse2-3G with control board
RK350
2x DVD players
1x monitoring screen DELL (VGA/DVI)
various converters available

Patch

BNC patchbays (compatible with SDI) are available throughout the whole venue with a centralized patchbay and SDI
re-clocker.

1x DVI-D optical cable 100m

Video Monitors

Video images of the stage and the conductor arrive directly in the control board backstage and are then patchable
to any video monitor. The cameras' settings cannot be modified.

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