



TECHNICAL RIDER

LES QUINCONCES GRAND THÉÂTRE



TECHNICAL CREW



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INTRODUCTION



BUILDING

The building (« ERP de type L 1^{ère} catégorie ») offers two Theatres :

- **The Grand Theatre** is isolable by an iron curtain and has an audience capacity of 825 seats shared between third areas : orchestra, parterre and balcony.

- **The Small Theatre** (without iron curtain) has an audience capacity of 134 seats.

SCHEDULE

Classical schedule :

9h00–12h30 / 14h00–18h30 / 19h30–23h30

This schedule can be modified if necessary but only with the agreement of the technical director.

LAW

The Theatre Les Quinconces complies with the local laws regarding fire security, working conditions and sound level.

ACCESS

The Theatre is located in the city center of Le Mans. We invite you to check on the Internet to know further about the road access.

GRAND THEATRE



GRAND THEATRE

The Grand Theatre has a moving pit with a spiralift system.
Overload = 500 daN/m²

- Stage floor Level = 0,00 m
- Audience level = -0,79 m
- Orchestra pit level = -3,00 m

AUDIENCE CAPACITY

- full audience = 825 (815 SEATS + 10 PMR)
- opera setting = 725 (715 SEATS + 10 PRM)
- without balcony = 664 (654 SEATS + 10 PRM)
- amplified music show with FOH desk inside the tier = 811 (801 SEATS + 10 PRM)

BE CAREFUL ! The Grand Theatre is numbered. Deleting seats for artistic reasons or visibility issues is possible but must be asked quickly. Regarding this kind of request, please contact the technical director as soon as possible.

- Orchestra = 100 seats
- Parterre = 554 seats
- Balcony = 161 seats

DESKS

- open room desk (light & sound), located up of the parterre : distance between edge of stage = 20.50 m. Space : 3m
- video desk : closed room above the FOH desk
- stage desk : down stage prompt side

DRESSING ROOMS AND COSTUMER SET

- 3 single rooms stage level
- 5 double rooms level R+3
- 1 collective room for 24 persons level R+3
- the costumer room is located level R+3
- 2 washing machines + 2 dryers located level R+2

STAGE



ISOLABLE STAGE BY IRON CURTAIN WITH A BELOW STAGE

SET ACCESS

The set access is direct to the stage (upstage) by a safe courtyard available for big trucks
Set access size : Height = 6,35 m / Width = 3,30 m

DIMENSIONS

Opening at the frame : 16,00 m maxi
Opening wall to wall : 25,00 m
Opening rear upstage : 16,00 m

Height at the frame : 9,00 m maxi
Height under the grid : 18,00 m
Height under the rear upstage grid : 14,00 m

Depth from iron curtain to upstage wall : 18,00 m
Depth from edge of stage to upstage wall : 19,50 m
Depth of the rear upstage : 4,00 m

STAGE FLOOR

Stage rake = 0 %
The stage floor is a black colored wooden one.

Overload = 800 daN/m²

Backstage travel : by a corridor from prompt side to opposite prompt side.

Catwalks :

- Electricians catwalk : two sides and upstage : height = 9,10 m
- Operating gallery : two sides : height = 12,74 m

SCENOGRAPHY EQUIPMENTS



RIGGING

SCENIC EQUIPMENTS IN THE THEATRE

- 4 electrical pipes above the proscenium Length = 16,00 m Course = 14,00 m
Charge = 500 kg fixed speed = 0,12 m/sec.
- 2 house catwalks
- 6 technical platforms each side of the proscenium arch : 3 prompt side and 3 opposite prompt side

SCENIC EQUIPMENTS ON STAGE

- 52 counter weight pipes : Length = 20,50 m Charge = 350 kg
- 5 electrical pipes adjustable speed (0,01 m à 0,60 m/sec.)
Length = 20,50m Charge = 500 kg
- 4 electrical side pipes fixed speed (2 prompt side and 2 opposite prompt side)
Length = 11,00 m Charge = 350kg
- Operating levels : stage prompt side and operating gallery prompt side
- 18 electrical blocks and tackles adjustable speed (operating by computer)
(0,01 m à 0,08 m/sec.) Course = 18,00 m / Charge = 300 kg
- Manuel curtain track for black drop

REAR UPSTAGE RIGGING

- 15 counter weight pipes : Length = 13,00 m / Charge = 350 kg
 - 3 electrical mobile truss : Length = 13,00 m / Charge = 300 kg
- Operating levels : stage prompt side and operating galler prompt side

SCENOGRAPHY EQUIPMENTS



BLACKS

DOWN STAGE CURTAIN

Length = 2 x 11,00 m Height = 9,05 m
Draw curtain : de 0,02 m à 1,20 m/sec
Lift curtain : de 0,02 m à 1,00 m/sec

LEGS

4 Width = 3,00 m / Height = 10.50 m
3 Width = 2,00 m / Height = 10.50 m
1 Width = 2,80 m / Height = 10.50 m

BORDERS

8 Length = 20,50 m / Height = 4,00 m
1 Length = 20,50 m / Height = 5,00 m

BLACK DROPS

2 x ½ drops, Width = 11,20 m / Height = 10,50 m each
4 x ½ drops, Width = 11,20 m / Height = 9.00 m each

CYCLORAMA

1 White/White Rear projection Width = 18 m / Height = 9 m
2 White Front projection Width = 9,00m / Height = 10,50m

GAUZE

Width : 16 m - Height : 10 m. Black Gobelin M1 85 g/m²

DANCING FLOOR

10 : 20,00 m x 1,50 m Black/White

PARALLELS

20 : 2,00m / 1,00 m adjustable height : 0,20 m à 0,80 m

SCENOGRAPHY EQUIPMENTS



LIGHTS

DESK

Avab Congo Junior

DIMMERS

- ADB Dimswitch
- 162 Dimmers = 3 kw
- 18 Dimmers = 5 kw
- Operating by Ethernet or DMX 512

MOVING DIMMERS

- 7 Dimmers (6 x 3 kw) whose 5 with fluo light exit on Harting 24 points
- Operating by Ethernet or DMX 512

TOUR ELECTRICAL BOXES

4 Boxes (125 A TRI) located :

- Stage : prompt side and opposite prompt side
- Electrician catwalks : prompt side and opposite prompt side

PC ROBERT JULIAT 1KW 310H	80
PC ROBERT JULIAT 2 KW 329H	40
PC FRESNEL 5 KW ST5 ARRI	4
PAR CANS 64 ROBERT JULIAT (CP60-61-62)	80
ZOOM PROFILES JULIAT 1 KW 613 SX (28-54°)	19
ZOOM PROFILES ROBERT JULIAT 1 KW 614 SX (16-35°)	40
ZOOM PROFILES ROBERT JULIAT 2 KW 713 SXII (29-54°)	10
ZOOM PROFILES ROBERT JULIAT 2 KW 714 SXII (15-40°)	20
CYC LIGHTS ADB ACP 1001	48
MOVING HEAD ROGUE R2XWASH CHAUVET (RGBW)	10
FOOTLIGHTS DIMABLE FLUO LIGHTS 1.20 m	15
FOOTLIGHTS BLINDER FUNSTRIP OXO 10x75 W 25°	8
FOLLOW SPOTS HMI 2500 W	2
TREES - HEIGHTS 1.45 M TO 3.04 M	8
BOOMS - HEIGHTS (cm) : 73/139/203/268/330/395	10

SCENOGRAPHY EQUIPMENTS



SOUND / VIDEO

FOH DESK

Yamaha CL1

STAGE DESK

Yamaha CL3

SPEAKERS AMADEUS

Front Opera Hall : Line array 24 DIVA XS
6 Sub bass ML15
2 Infra Bass ML28
Front fill : 4 PMX8
Central Cluster : 2PMX15

Stage monitors : 12 PMX15

Amplifiers - Processing : Lab gruppen – xilica XD4080

MICROPHONES

		WIRELESS SENNHEISER	
SM57 Shure	3		
SM58 Shure	6	• Hand-held Mic e965-ew 500	2
C414 XLII Akg	2	• Pocket SK100 G3	3
KM184 Neuman	6	• Plugs SKP 100 G3	2
KM185 Neuman	1	• Receivers EW 500 G3	6
D12 AKG	1		
MK4/CMC6 Schoeps	1	DPA 4099 (with clips for instrument)	2
e604 Sennheiser	3	DPA Lavalier beige 4060	2
Béta 58A Shure	1	DPA Headset 4066	2
Béta 91 Shure	1		
KSM9 Shure	2		
GN30+CK80 Akg	2		

INTERCOM

Sound, light and stage desks + 5 wireless system

VIDÉO

1 BARCO HDX W12 fixed in the video desk

The video desk is a closed room above the control room.

2 VP Opotma 5000lm EH470

WARNING ! it is not possible to hang a video projector in the Theatre.