

## Technical Specifications Palace St.Gallen



### General

Fabian / Johannes  
kontakt@palace.sg  
+41 71 222 21 23

### Sound

Jan Lüthi  
Jan.luethi@me.com

### Light

Elio Ricca  
elioricca@gmx.ch

# Sound



## Front of House

### Mixing Console

- 1 Yamaha CL5, Digital Mixing Console with 72 CH + 8 St, 24 Mix, 8 Matrix, DANTE
- 1 Yamaha RIO3224D Stagebox with 32 In/16 Out Analog, 4 AES/EBU Outs

### PA System

- 12 L-ACOUSTICS KIVA, Line Source Element 2 x 6.5" / 1.5" WST 4 L-ACOUSTICS KILO, LF Extension Element for KIVA System 12" 4 L-ACOUSTICS SB118, Sublow 1 x 18"
- 5 L-ACOUSTICS LA4, Amplified Controller 4 x 1 kW

## Monitoring

- 6 L-ACOUSTICS 12XT, FOH/Wedge 12"/3"
  - 1 L-ACOUSTICS MTD112, Wedge/FOH 12"/1.4"
  - 1 L-ACOUSTICS SB15P, Sublow 1 x 15"
  - 1 L-ACOUSTICS LA4, Amplified Controller 4 x 1 kW 1 L-ACOUSTICS LA24a, Amplifier 3 kW
  - 1 L-ACOUSTICS MTD112LLCa
- note: we can provide 5 mixes in total

## DJ Equipment

- 1 Pioneer DJM 800 DJ Mixing Console 2 Pioneer CDJ-2000, CD-Player
- 4 Technics SL 1210 Mk II, Turntables

## Microphones / D.I.'s

- |                                       |  |
|---------------------------------------|--|
| 4 Shure SM 58, dynamic cardioid       | 3 Sennheiser e614, cond super cardioid               |
| 4 Shure Beta 58A, dyn super cardioid  | 4 Sennheiser BF 504, dyn cardioid, clip              |
| 4 Shure SM 57, dynamic cardioid       | 1 EV PL 20, dynamic cardioid                         |
| 2 Shure SM 27, dynamic cardioid       | 4 Radial Engineering Pro 48, 1 Channel DI-Box Active |
| 1 Shure Beta 52, dyn super cardioid   | 2 Radial Engineering AV 2, 2 Channel, DI-Box Passive |
| 1 Shure Beta 91, condenser boundary   | 1 BSS AR133, 1 Channel DI-Box Active                 |
| 2 Sennheiser MD 421, dynamic cardioid | 3 Audio Precision, 1 Channel, DI-Box Passive         |
| 2 Sennheiser e606, dyn super cardioid | 1 Set of CymPad (cympad.com)                         |
| 2 Sennheiser e905, dynamic cardioid   |  |

## Power Converter

- 1 2000W Converter 230/220V to 110V step-down & step-up

## Sound Regulation, URGENTLY REQUIRED BY SWISS LAW

Maximum permissible sound level over one hour ( $L_{Aeq1h}$ ) is 100 dB(A) Maximum permissible sound level peak ( $L_{AFmax}$ ) is 125 dB(A)

# Lights

## Desk

1 MA 24 Lightcommander 24-6

## Dimmer

3 MA Dimmer 2.3kW 12 Channel

## Stage

18 Par 64  
 4 4-Lamp Bar ACL Par 36  
 8 Par 64 (Floorspot)  
 2 Fresnel Quartett Strand 650W (Side)  
 2 Atomic 3000 Strobe (Floor)  
 1 Tour Hazer

## Front

6 Robert Julia Profiler  
 4 Fresnel Cantata Strand 1200W  
 4 Fresnel Quartett Strand 650W  
 6 Par 64

## Visuals

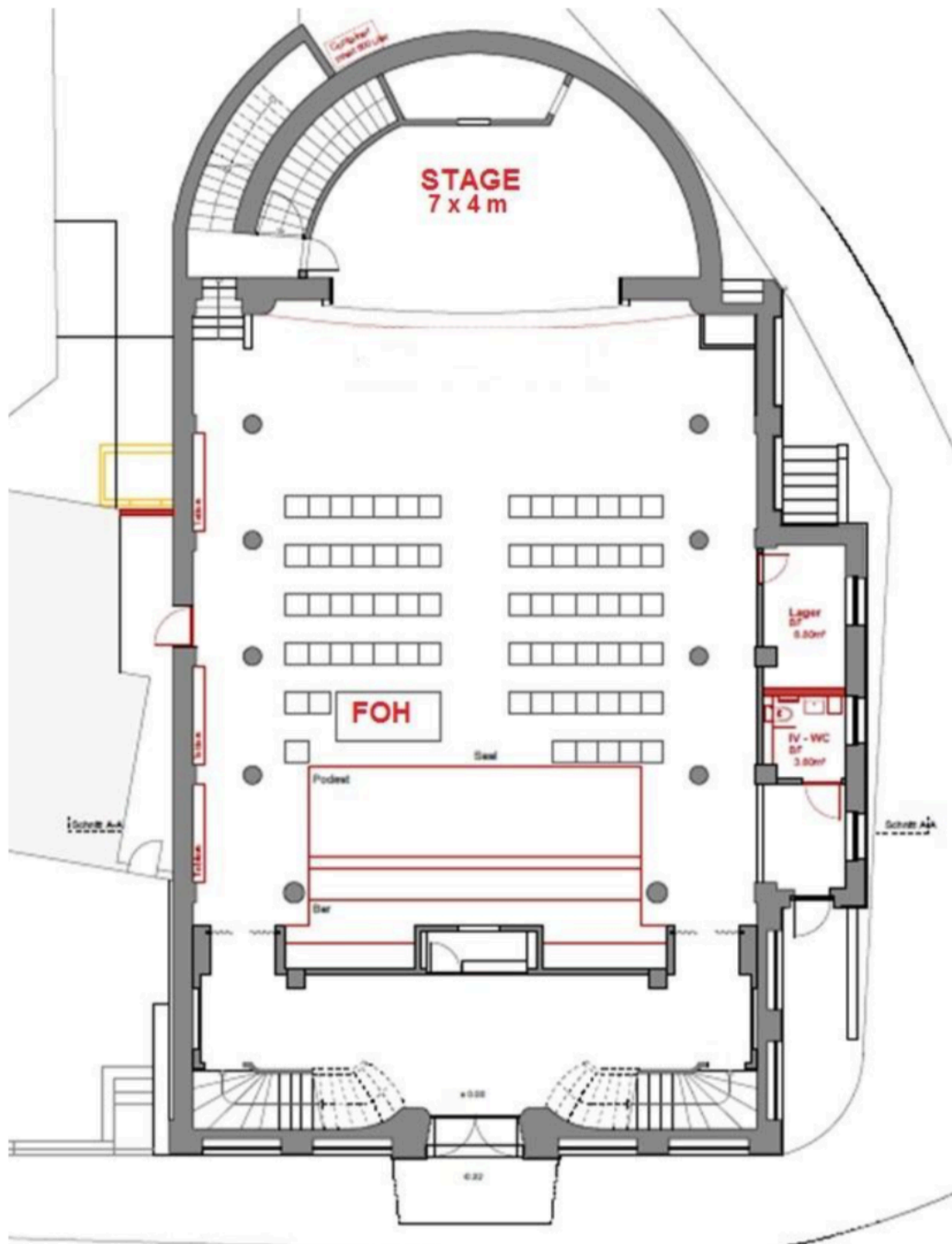
1 Video Projector, Panasonic PT-RZ570, 5400 Lumen LED  
 1 Screen, 390x290m

## Misc

Mirrorball 1m (Audience)  
 LEE Filters  
 Molton

DMX Patch								
DMX	Fixture	Position	DMX	Fixture	Position	DMX	Fixture	Position
<b>DIM A</b>			<b>DIM B</b>			<b>DIM C</b>		
1	Par 64 CP61	Stage	13	Par 64 CP60	Floor	25	Profiler Left	Front
2	Par 64 CP61	Stage	14	Par 64 CP60	Floor	26	Profiler Left	Front
3	Par 64 CP61	Stage	15	Par 64 CP60	Floor	27	Profiler Left	Front
4	Par 64 CP61	Stage	16	Par 64 CP60	Floor	28	Par 64 CP62	Front
5	Par 64 CP61	Stage	17	Par 64 CP60	Floor	29	Fresnel 1kW	Front
6	Par 64 CP61	Stage	18	Par 64 CP60	Floor	30	Fresnel 1kW	Front
7	Par 64 CP61	Stage	19	Par 64 CP60	Floor	31	Fresnel 1kW	Front
8	Par 64 CP61	Stage	20	Par 64 CP60	Floor	32	Fresnel 1kW	Front
9	Par 64 CP61	Stage	21	Dim Floor Spare	Floor	33	Par 64 CP62	Front
10	ACL	Stage	22	Dim Floor Spare	Floor	34	Profiler Right	Front
11	ACL	Stage	23	Spare	Gallery	35	Profiler Right	Front
12	Fresnel 650W	Side	24	Par 64 CP62	Front	36	Profiler	Stage
65	Atomic 3000	Floor	65	Atomic 3000	Floor	201	Tourhazer	Floor

Room:



Stage: 4 x 7 meters (semi-circle)

Stage height: 6.2m

Stage – FOH: 8.5m

Room length: 13.5m

Room width: 13.7m

Capacity: 400

**Pictures**

<http://www.palace.sg/index/pictures/width/1278>