

Main hall Mahen Theater Sound Equipment

1. PA system

- 16x JBL VRX 932LA + 8x JBL VRX 915 divided to 4 floors. (can be used as 4x independent stereos)
- Sub bass 4x NEXO S 118 in parter loges.
- Delay fill in 4th floor 2x Dynacord.

2. FX speakers

- 100V speakers Yamaha around whole audience (32pcs) on 4 outputs.
- FX speaker in chandelier.

3. Stage speakers

- Main back system NEXO Alpha E
- 4x Nexo PS8 on side of the forbine L/R
- 2x Nexo PS10 behind the main portal L/R
- 2x Nexo PS10 on the back stage L/R
- 2x Nexo PS10 over the stage on the light “battery“
- 2x NEXO PS10 on the side bridges L/R
- Portable monitors 4xNEXO PS8 + 4x NEXO PS15

Whole speakers are on the independent outputs.

4. Audio network

Whole system of the theatre is connected via the Dante protocol.

Dante connection points in at all corners of the stage.

Yamaha Twinline with connection point for fibre optic cables on the left side of the stage.

5. Mixing console

- Yamaha PM10 Rivage

1x Stagebox Yamaha RPiO 622 64 IN 32 OUT Twinline

1x Stagebox Yamaha Rio 3224 Dante

1x Stagebox Yamaha Rio 1608 Dante

- Yamaha CL3 (can be used as monitor mix)

6. Wireless system

- 20 channels Sennheiser Series 3000

20x Beltpack SK5212 with MKE2 Gold or HSP4 microphones

4x Handheld SKM 5200

6x XLR transmitter SKP3000 supports 48V phantom power

7. Microphones

- 20x AKG C1000
- 2x AKG C214
- 2x AKG C4000
- 10x DPA 4099
- 2x Sennheiser E901
- 2x Sennheiser E902
- 1x AKG D112
- 2x AudioTechnica ATND 971 (Dante) for orchestra

8. Microphone stands

- 20x K&M boom 21080 a 25905
- 4x K&M 259 (small)
- 2x K&M with gooseneck straight
- 1x speaker's desk with gooseneck

9. D.I. Boxes

3x Radial Trim two
2x Radial PRO 48
2x Radial USB Pro

10. Players

- Figure 53 Qlab_4 (Yamaha AIC 128-D card 128 IN 128 OUT) Possibility Midi and LTC timecode for light sync.
- Disk Multimedia Scene Flow pro in redundancy.



