

**Kulttuuritalo / Helsinki House of Culture****Technical****info**

1

Sturenkatu 4  
00510 Helsinki

Update 14.8.2013

**FOH**

Mixing console	1	DiGiCo SD8
CD player	1	Tascam CD-200i

**PA system Electro-Voice line array system**

Main arrays left / right	2+1+6	2x XLC215 subs + 1x XLC907 DVX long throw + 6x XLC127 DVX
Center fill	1+1	XLD281 + XLD 291 flying
Additional subs	8	Xsub movable, on stage or floor
Cross-/outfill	2+2	XLE181/191 movable, on stage
Front fills	6	Fri-2082 movable, on stage (alternative for cross fills)
Auditorium back fills	3	EVU-2082 flying
Amplifiers	16	P3000RL

Inputs and user settings via Yamaha DME64

- MADI
- AES/EBU
- analog left/right

**Monitors**

Mixing console	1	DiGiCo SD9
Wedge cabinets	10	Radian Apex-1200XD
Side fills left / right	1+1	1x EV Qrx212 + 1x EV Xsub
Amplifiers	7	P1200RL

**Mics & DI-boxes**

1	Shure Beta 52 A
3	Shure Beta 56 A
3	Shure Beta 87 C
6	Shure SM 57
6	Shure SM 58
2	Shure SM 81
3	Shure SM 98 H/C
2	Sennheiser e906
2	Sennheiser e602 ii
4	Sennheiser e904
2	Sennheiser e914
2	Sennheiser K6P / ME 64

Conference mics	4	AKG C 747
	4	Sennheiser ME34 with 40 cm gooseneck and table stand

Wireless Shure UHF-R	2	Shure UR4D dual channel receiver + UR845E antenna combiner
	4	UR2 handheld transmitters SM58 or Beta87C
	2	UR1 bodypack transmitters
	2	DPA 4088 directional headband mics, black
	2	Countryman WCE6 directional earset mics

DI-boxes	2	BSS AR-188
	2	LA Audio Di-2
	6	Radial Engineering J48
	2	Radial Engineering JPC

Mic stands K&amp;M

**Lighting**

Lighting console	1	ETC SmartFade 2496, for conventional fixtures
Front lights on bridge	16	Selecon Arena 14°-32° Zoomspot 2000W profile
Ellipsoidals	16	Selecon SPX 15°-35° Zoomspot 800W profile
Fresnels	8	Selecon Arena Theatre Fresnel 2000W + barndoors
	xx	PAR64 short / long
Hazer	1	Smoke Factory Tour Hazer II
Dimmer / power distribution		RVE 3D Concept, interchangeable dimmer and relay modules
		- 146 lines from dimmer room to trusses (24 Socapex with Schuko bars) and 24 lines to bridge (Schuko outs)
		- 108 ch installed dimmer rack
		- 2x 48ch movable dimmer racks (Schuko and Socapex outs)
	72	3kW triac dimmer channels, 400 µs (in 4ch modules)
	56	3kW relay channels for moving lights (in 4ch modules)
	24	schuko AC outs

**Video projection**

	1	Video projector Christie HD 10K-M, 11.000 ANSI lumen, 1920 x 1080
	1	Front projection screen, white, 10 m x 5 m

**Rigging**

## Chain motor hoists

All motors are BGV-D8+ classified with height monitoring and pre-programmed limits. Permanent motor points / positions.

	24	800 kg with weight monitoring	on stage and auditorium
	6	400 kg	at back of auditorium
	3+3	3x 800 kg + 3x 400 kg	house PA line arrays

## Truss

	12	Polyte S36V 250 cm
	10	Polyte S36V 200 cm
	22	Polyte H40V 250 cm
	8	Polyte H40V 200 cm

**Electricity (see also Lighting power distribution)**

Stage left "RK-206" 150 kVA / 3\*250A

3	63A 3-phase CEE 5 pin
2	32A 3-phase CEE 5 pin
2	16A 3-phase CEE 5 pin
6	schuko 16A 1-phase CEE7/4 2pin+PE
1	125A 3-phase CEE 5pin
2	
1	85 kVA installation outlet for Powerlock tails etc
	- Main switch, 3x 125A fuses, installation rails L1,L2,L3,N,PE

Stage right "RK-205" 150 kVA / 3\*250A

3	63A 3-phase CEE 5 pin
2	32A 3-phase CEE 5 pin
2	16A 3-phase CEE 5 pin
6	schuko 16A 1-phase CEE7/4 2 pin+PE
1	110 kVA installation outlet for Powerlock tails etc
	- Main switch, 3x 160A fuses, installation rails L1,L2,L3,N,PE
1	85 kVA installation outlet for Powerlock tails etc
	- Main switch, 3x 125A fuses, installation rails L1,L2,L3,N,PE

Vehicle parking "PRK-207" 100 kVA / 3\*250A

2	63A 3-phase CEE 5 pin
2	32A 3-phase CEE 5 pin
3	16A 3-phase CEE 5 pin
6	schuko 16A 1-phase CEE7/4 2 pin+PE