

PA system Electro-Voice line array

Main arrays L/R	12	XLC127 DVX	(6 each side)
	2	XLC907 DVX	(1 each side)
	4	XLC215 subs	(2 each side)
Center fill	1	XLD291	
	1	XLD281	
Out / cross fills L/R	2	XLE191	(1 each side) on stage
	2	XLE181	(1 each side) on stage
Additional subs	8	Xsub	(4 each side) movable on stage or floor
Additional front fills	6	Fri-2082	movable, on stage
Delay fills	3	EVU-2082	(for back rows of auditorium)
Amplifiers		P3000RL for main speakers, P1200RL for delay and front fills	

Signal routing user processor settings in Yamaha DME64

Digico MaDiRack 48/24, digital multicore FOH - stage.

6 Radial Engineering 8 OX, active splitters (48ch)

Monitors

Wedge / fold back	10	Radian Apex-1200XD (12"+2" coaxial) incl. cue	
Additional side fills L/R	2	EV Qrx212	(1 each side)
	2	EV Xsub	(1 each side)
Amplifiers		P3000RL for side fills, P1200RL for wedges	

Mixing consoles

1 DiGiCo SD8 (FOH)
1 DiGiCo SD9 (MON)

Microphones & DI-boxes

2 AKG C1000 S
2 AKG C414 XLS
2 Sennheiser e906
4 Sennheiser e935
2 Sennheiser e602 II
4 Sennheiser e904
2 Sennheiser e914
2 Sennheiser ME 64 / K6P
1 Shure Beta 52A
3 Shure Beta 56A
3 Shure Beta 87C
3 Shure Beta 98H/C
8 Shure SM57
8 Shure SM58
2 Shure SM58S
4 Shure SM81

Wireless mics Shure UHF-R, frequency set J5E 578 – 638 Mhz

	2	Shure UR4D dual channel receiver + UR845E antenna combiner
	4	SM58 / Beta 87C, UR2 handheld transmitters
	4	DPA 4066-F omni-directional headband mics, UR1 bodypack
Conference mics	4	AKG C 747
	4	Sennheiser ME34 with 40 cm gooseneck, table stand
DI-boxes	2	BSS AR-188
	2	LA Audio Di-2
	6	Radial Engineering J48
	2	Radial Engineering JPC
	2	Radial Engineering ProAV2

Mic stands K&M

Misc audio

Digital recording interface	1	RME MADiface USB
CD player	1	Tascam CD-200i
Active loudspeakers	4	EV ELX112P powered 12" two-way full range (top)
	4	EV ELX118P powered 18" subwoofer (sub)
	2	Fostex 6301B 10W 10cm full range
Passive wedge monitors	6	d&b MAX (15"+2" coaxial)
Amplifiers	4	C-Audio ST1000
Analog mixers	1	Midas Verona 480
	1	Midas Venice 240
	2	Yamaha MG12/4CX (4mon, 4st, 2aux, comp + multi-effects)
	1	Soundcraft EPM-8 (8mon, 2st, 2aux)
	2	Behringer Xenyx 1202
	1	Behringer Xenyx 1202 FX
	1	Behringer Xenyx 1202 USB
	1	Behringer Xenyx 1002
Analog outboard	2	Klark Teknik DN370 (2ch)
	3	XTA GQ600 (2ch)
	2	Symetrix 565e comp./lim./exp. (2ch)
Hearing aid system for audience		Sennheiser Tour Guide 2020-D (864 – 865 MHz), including:
	1	SR-2020-D transmitter (in main auditorium)
	1	SK-2020-D belt pack transmitter
	12	EK-2020-D II receiver, induction neckloop and headphones

Lighting

Lighting console	1	ETC SmartFade 2496 (fader desk 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 + barn doors
Pebble convex	6	Pebble convex 500W + barn doors
LED spot	24	Varytec Typhoon 12x10W RGBWA+UV 25°
LED bar	12	Varytec Led Giga Bar 4 MK II 16x8W RGBW 25°
Atmospheric hazer	1	Concept Smoke ViCount Hazer 1300 (CO2)
Hazer	1	Smoke Factory Tour Hazer II

Dimmers & power distribution RVE 3D Concept, interchangeable dimmer and relay modules, socapex and DMX cables to trusses and stage:

72	Dimmer channels 3kW triac, 400 µs (in 4ch modules)
56	Relay channels 3kW for moving lights direct power (in 4ch modules)

Video projection

Video projector	1	Barco HDX-W20 Flex WUXGA 1920 x 1200, 20.000 ANSI lumen - Lens: TLD+ 2.56 - 4.17:1 WUXGA - Inputs: HDMI, HD SDI, VGA. Fiber-optic line to projector room.
Front projection screen	1	8 m x 5 m white motorized roll-up screen with truss clamps

Rigging

C-Force BGV-D8+ chain hoists in permanent positions. Programmable position and over-/underload limits in controller. Height / weight monitoring for lighting hoists.

	24	800 kg	(on stage and auditorium)
	6	400 kg	(back of auditorium)
	6	800 kg / 400 kg	(PA motors)
Aluminium truss	12	Prolyte S36V 250 cm	
	10	Prolyte S36V 200 cm	
	22	Prolyte H40V 250 cm	
	8	Prolyte H40V 200 cm	
	4	Prolyte H40V 2-way corner 90 deg	
	54	Prolyte H30-V 200 cm	
	4	Prolyte H30-V 100 cm	
	4	Prolyte H30-V 50 cm	

Truss adapters, black softsteel slings 1m / 2m / 3m, 3,25T

Moltens

Black wool serge and molton drapes for stage and auditorium.

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 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

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

1	125A 3-phase CEE 5pin
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	85 kVA installation outlet for Powerlock tails etc

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