

**Stadsschouwburg Amsterdam  
Rabazaal**

**provisional technical rider - september 2009**

<b>measurements</b>	proscenium opening	wide:	min. 13m60 - max 19m	
		high:	min. 0 - max 8m75	<i>fixed lighting bridge</i>
	from centre line	upstage wall		17m24
		lighting bridge at upstage wall		16m35
		centre		0
		proscenium wall <i>in height adjustable</i>		-1m
		house curtain <i>black italian opening</i>		-1m20
		edge of middle apron		-1m86
		edge of proscenium lift 1		-3m40
		edge of proscenium lift 2		4m40
		edge of proscenium lift 3		-5m45
		wall stage left		13m83
		wall stage right		13m83
		lighting bridge stage left		12m95
		lighting bridge stage right		12m95
<b>stage</b>	sprungfloor of Keroewing			
	max. load: 500 kg/m <sup>2</sup>			
	no firecurtain			
	no orchestrapit			
<b>auditorium</b>	520	seats		
	12	minus for sound booth		
	22	minus proscenium lift / row 1		
	26	minus proscenium lift / row 2		
	28	minus proscenium lift / row 3		
	350	extra chairs for use on stage		
		weelchair spaces available on request		

**flysystem**

		Trekwerk	
	2	TNM controlpanels	
auditorium	2	1500 kg flybar	<i>1 in use for FOH sound system</i>
	2	500 kg flybar	
	4	1 ton chainhoist	
on stage	1	flybar	in use for housecurtain
	1	in height adjustable proscenium screen	
	77	500 kg flybar	length 23m40
	4	500 kg flybar	length 15m20
	10	250 kg point hoist	
	7	1 ton chainhoist	
	5	cable reel on technical grid floor	

**light**

computer	1	Compulite Vector Orange			
dimmers	DIM1	60ch	above controlroom	36	ETC Matrix II SCR/Thyristor dimmermodule 3kW
				24	ETC Matrix II SineWave dimmermodule 3kW
	DIM2	72ch	above controlroom	48	ETC Matrix II SCR/Thyristor dimmermodule 3kW
				24	ETC Matrix II SineWave dimmermodule 3kW
	DIM3	40ch	above controlroom	24	ETC Matrix II SCR/Thyristor dimmermodule 3kW
				16	ETC Matrix II SineWave dimmermodule 3kW
	DIM4	46ch	lighting bridge stage right	24	ETC Matrix II SCR/Thyristor dimmermodule 3kW
				16	ETC Matrix II SineWave dimmermodule 3kW
				6	ETC Matrix II SCR/Thyristor dimmermodule 5kW
	DIM5	68ch	on technical grid floor	40	ETC Matrix II SCR/Thyristor dimmermodule 3kW
				28	ETC Matrix II SineWave dimmermodule 3kW
	4x	24ch	mobile dimmerrack	8	ETC Matrix II SCR/Thyristor dimmermodule 3kW
				10	ETC Matrix II SineWave dimmermodule 3kW
				3	ETC Matrix II SCR/Thyristor dimmermodule 5kW
	1x	16ch	mobile cyclo	16	ETC SmartModule SineWave 5kW

lighting instruments	profile 2 kW 15-40°	profile 2 kW 11-27°	profile 2 kW 8-15°	profile 1.2 kW 15-40°	profile 1.2 kW 11-27°	PC 2 kW	PC 1.2 kW	Fresnel 5 kW	Fresnel 2 kW	Fresnel 1.2 kW	Par 64	Cyclo	follow spot
next to control room			6										
3rd lighting bridge			12										
2nd lighting bridge		24											
1st lighting bridge		18				6							
proscenium bridge	12					6							
auditorium booms				6			6						
auditorium galleries				18	18								
lighting boom				6	6		12						
lighting bridge				12		12							
side bridge	24												
extra				30			24	8	24	24	144	16	1

totaal 36 42 18 72 24 24 42 8 24 24 144 16 1

**electrical power** on stage CEE 125A 1 downstage right  
 1 upstage right  
 CEE 63A 1 downstage left  
 1 downstage left - sound only  
 CEE 32A 1 downstage right - sound only  
 CEE 63A 2 side bridge left + right  
 CEE 32A 6 lighting bridge  
 in auditorium CEE 63A 2 prosceniumbridge  
 CEE 63A 2 lighting bridge 1>3 per bridge

**sound** loudspeaker management system  
 1 BSS BLU800 Digital Mixing Engine  
 2 BSS BLU120 AES/EBU  
 1 Apogee Big Ben Masterclock  
 loudspeakers auditorium  
 L/R systeem  
 2 d&b audiotechnik Ci60 Loudspeaker 65°x40° NL4  
 2 d&b audiotechnik Ci90 Loudspeaker 90°x40° NL4

4	d&b audiotechnik	Q-SUB Subwoofer NL4
3	d&b audiotechnik	D12 115/230V NL4 amplifier
	center cluster	
2	d&b audiotechnik	Ci60 Loudspeaker 65°x40° NL4
2	d&b audiotechnik	Ci60/Ci90 Horizontal bracket
1	d&b audiotechnik	D12 115/230V NL4 amplifier
	fill loudspeakers in apron	
14	d&b audiotechnik	E3 Loudspeaker NL4
2	d&b audiotechnik	D6 controller amplifier
	surround system auditorium	
18	d&b audiotechnik	E3 Loudspeaker NL4
4	d&b audiotechnik	D6 controller amplifier
	Surround systeem toneel	
20	d&b audiotechnik	E3 Loudspeaker NL4
4	d&b audiotechnik	D6 controller amplifier
	15" monitors	
3	d&b audiotechnik	MAX Loudspeaker NL4
3	d&b audiotechnik	D12 115/230V NL4 amplifier
	12" monitors	
8	d&b audiotechnik	MAX12 Loudspeaker NL4
4	d&b audiotechnik	D12 115/230V NL4 amplifier
	mixer	
1	Yamaha - PM5D	Digital live console
1	Midas - Verona 240 TP	24 kanaals live mengtafel, incl. Flightcase & lamp
	effect	
1	Tascam - CD-01u PRO	19" 1he cd speler rca uit, rs232, mp3 playback
1	Tascam - MD-CD1	MD/CD combi
1	TLC electronic - M3000	Stereo reverb processor
1	Audient - ASP231	Graphic Equalizer 2x31 bands
1	TL Audio - 5021	2-Channel Tube Compressor

**extra set for live music**

	main system	
4	d&b audiotechnik	C7-TOP Loudspeaker EP5
4	d&b audiotechnik	C4-SUB Subwoofer EP5
2	d&b audiotechnik	J-SUB subwoofer EP5
4	d&b audiotechnik	D12 115/230V EP5 amplifier
	Floormonitors	
7	d&b audiotechnik	MAX EP5 CF4 stud plates
6	d&b audiotechnik	D12 115/230V EP5 amplifier
	Drum & side-fill	
2	d&b audiotechnik	C7-TOP Loudspeaker EP5
3	d&b audiotechnik	C7-SUB Subwoofer EP5
3	d&b audiotechnik	D12 115/230V EP5 amplifier
	Digitale Mengtafel	
1	Yamaha - PM5D	Digital live console

**microphones**

	vocal	
4	Neumann - KMS105mt	vocal mic
4	Shure - BETA 58A	dynamic mic
	instrument	
4	Schoeps MK4 CMC6	cardioide mic
6	AKG CK 91	cardioid capsule + W 90
6	AKG SE 300 B	output powering module inc. SA 40
4	Shure - BETA 57A	
4	Shure - SM 57 LCE	
	boundary	
5	Crown PCC 160	boundery mic
	pulpit / throne	
2	AT ES935ML + 8615A	gooseneck condenser mic
	drum tom	
6	Sennheiser e 604	instrument kidney
	basedrum	
1	AKG D112	drum and bass mic

	DI		
	6	BSS AR 133	active DI box
	wireless		
	4	Shure UR4D	dual wireless receiver
	2	Shure UR1	UHF bodypack transmitter
	2	DPA 4060 + DAD6010	miniature mic, hi-sens
	6	Shure UR2/B87A	wireless handheld transmitter
	2	DPA DAK4060	accessory kit
	1	DPA MHS6005	mic holder for strings, 5 pcs
	1	Shure UA845E	wide band antenna and power distro
	2	Shure UA870WB	UHF wideband act. Directional antenna
<b>DJ set</b>	1	Pioneer DJM 800	clubmixer
	2	CDJ 1000 MK3	cd player
<b>communication</b>	1	Clear-com MS-702	main base station
	4	Clear-com RS-602	dual channel beltpack
	6	Clear-com RS-601	single channel beltpack
	2	Clear-com HS-6	telephone style handset
	wireless		
	1	HME DX200 Base station	
	4	HME wireless beltpacks + headsets	
<b>video / cctv</b>	video	3 camera's	stage image in color stage image infrared mobile camera for conductor setup
		3 monitors	2 on stage 1 in controlroom
	beamer screen	6000 ansilumen 4x6m	

<b>masking</b>	house curtain	1	19m50 x 9m30	in flybar	color: black velvet
	legs	16	4m30 x 9m		
		2	4m30 x 12m		
		4	1m40 x 9m		
		2	1m40 x 12m		
	borders	7	23m40 x 4m50		
		1	23m40 x 6m		
	backdrop	2	each in two parts of 9m high		
	black box masking		left/right and upstage on rails 9m high		
	cyclorama	1	23m40 x 10m		color: white
dancefloor	2	12 rolls 21m x 1m60	black / grey		
		2 rolls 20m x 1m60			
		3 rolls 16m50 x 1m60			

<b>trucklift</b>	length of platform:	13,60 m
	maximum load:	20.000 Kg
<b>stagedoor opening</b>	width	2,80 m
	height	3,40 m

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