STAVANGER KONSERTHUS

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LIGHTS & VIDEO
NN

HEAD OF STAGE
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1488 SEATED | 1234 W/AMPLIFICATION | 1218 W/AMPLIFICATION & DRAPING*
**of which 93 is choir balcony US/ 160 on side balconies behind DSE*

Fartein valen Tech Spec
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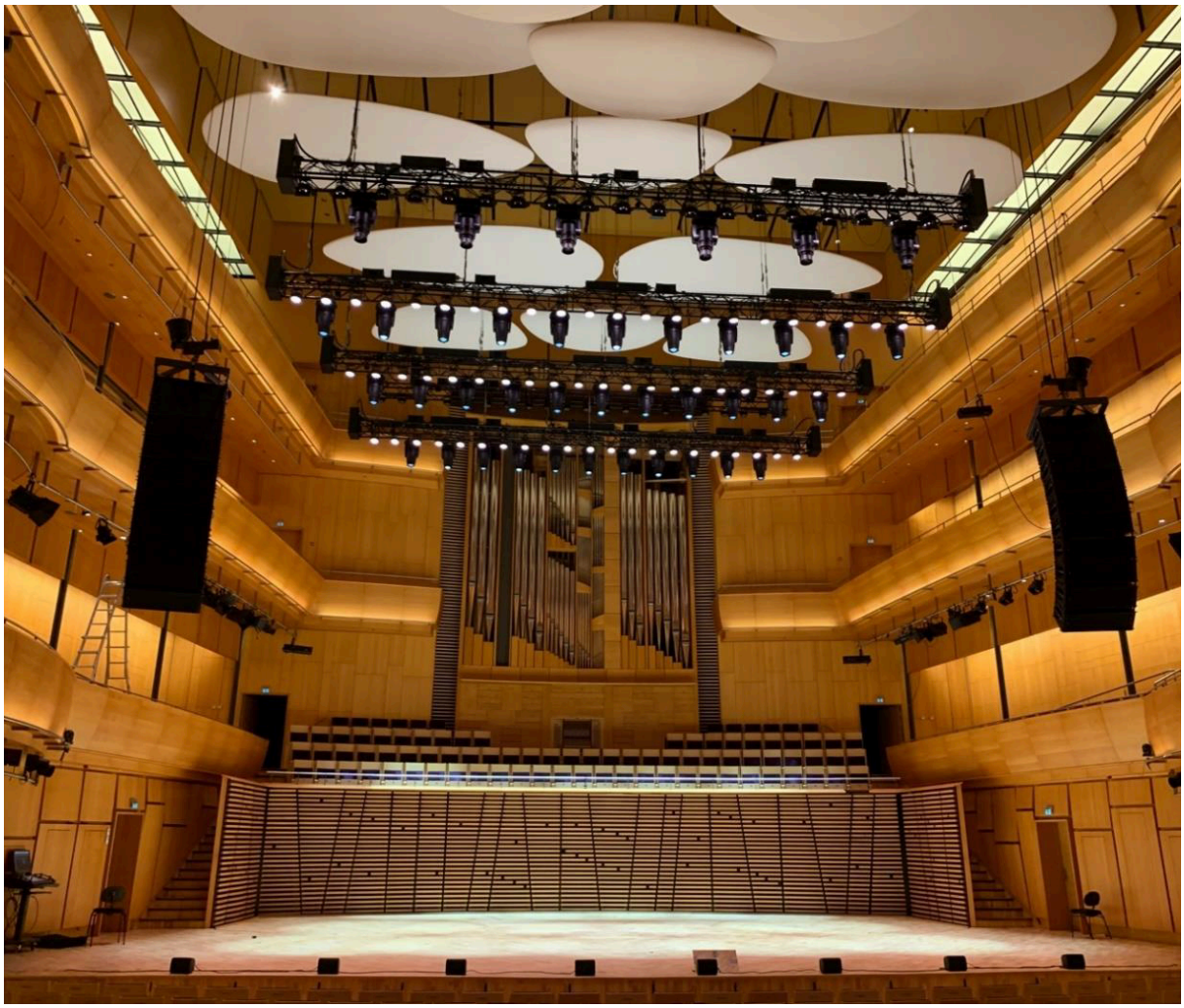


Stage Specs:

Stage Elevation	100cm	
Floor Size W x D DSE	17 x 12	200m2
Clearance to grid	16,2m–20,6m	Variable with acoustic settings
Normal Trim lighting trusses	14m	
Floor sections	20pcs	
Floor capacity	800kg/m2	Fixed floor DS
	500kg/m2	Spirolifts Static load
	250kg/m2	Spirolifts Dynamic load

Stage Mechanics:

Wagner Biro CAT control desks	2pcs	
Wagner Biro CAT Remote control	1pcs	
Number of trusses	5PCS	17 m
Point Hoists SWL 1t	11pcs	(2 in use for in house PA)

Soft goods:
Black back drop, fixed position
Full blackbox draping available upon request
Black floor carpet available
Front curtain and Rehearsal acoustic curtains in fixed positions

Power:

Powerlock 400A	2pcs	Offstage SL + SR
CEE 63A 400V 5pin	1pcs	DSL
CEE 63A 400V 5pin	1pcs	DSR
CEE 32A 400V 5pin	1pcs	DSL
CEE 32A 400V 5pin	1pcs	DSR

Risers:

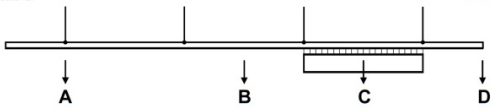
Nivtec Rectangular Platform	36 pcs	200cm x 100cm
Nivtec Rectangular Platform	12 pcs	200cm x 50cm
Nivtec Rectangular Platform	12 pcs	100cm x 50cm
Nivtec Square Platform	6 pcs	100cm x 100cm
Nivtec Standard Legs 20cm, 40cm, 60 cm		50pcs of each
Nivtec Telescopic legs 80cm – 140cm	60pcs	
Nivtec Riser wheels	60pcs	
Nivtec legs for wheels 20cm, 40cm, 60cm		24pcs of each

*the doors leading into Fartein Valen has a maximum opening of 180cm. In case of mid show changeovers all risers must be built as 2 x 1,5m to pass the doorways.

Misc Stage equipment:
A selection of pipes, booms, trusses and other rigging equipment available on request. Nivtec railings and step legs also available on request. Please check with your production manager.

Load Capacity Table
Nytt Konserthus i Stavanger – Orchestra Hall

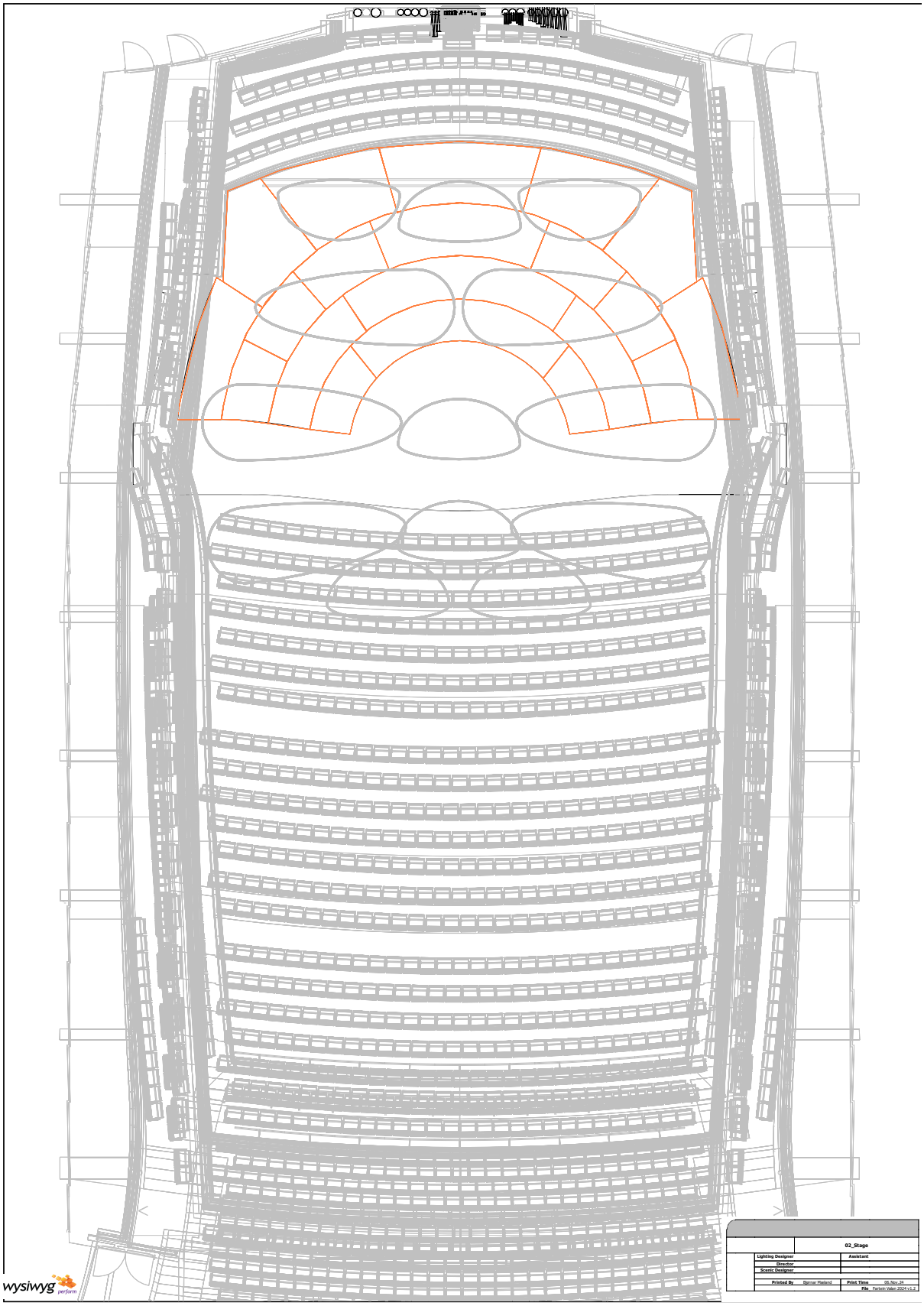
waagner biro stage systems



	CAT Selection No.	SWL - Safe Working Load	A (Concentrated load under one suspension)	B (Concentrated load between two suspensions)	C (Uniformly distributed load between two suspensions)	D (Concentrated load at bar end)
Light truss 1	lx1	800 kg	400 kg	400 kg	400 kg	200 kg
Light trusses 2 … 6	lx2 … 6	1000 kg	400 kg	400 kg	400 kg	200 kg
PA hoist - left / center / right	pal / pac / par	1000 kg	-	-	-	
Point hoists	ph1 … 17	1000 kg	-	-	-	
Moveable Ceilings 1 … 8	mc1 … mc8	Max. 3000 kg total load per suspension				
Flaps 3 / 5 / 8	fl3 / fl5 / fl8	Permanent load only – additional loading forbidden!				
Front curtain	fc					
Back drop curtain	bc					
Rehearsal curtain	rc					
Projection screen winch	psw					
Projection screen	ps					
Reflectors	r1f/r1b/r2/r3/r4					
Reflector R2 (tilting mechanism)	r2t					
Manual Flybar (at Moveable Ceiling 2)	manual	300 kg	100 kg	50 kg	100 kg	25 kg

Moving loads above persons is forbidden! Suspended loads above persons are allowed only in interlocked position.

The sum of the individual loads shall not exceed the Safe Working Load.


wysiwyg perform
02_Stage
Lighting Designer
Assistant
Director
Scenic Designer
Printed By
Bjørnar Haslund
Print Time
06.Nov.24
File
Fartein Valen 2024 v1.2

Audio Spec

FOH and monitor control options:

DiGiCo SD7	2pcs	
DiGiCo SD8	1pcs	
DiGiCo SD ten	1pcs	Reserved for recording
DiGiCo SD11	1pcs	

***A selection of these according to production needs, size and availability. Please check with production**

PA System:

Meyer Mica	20pcs	Left Right Main
Meyer 700HP	4pcs	Left Right Sub
Nexo PS-10R2	4pcs	Delay
RCF M55 Speakers	12pcs	Front fills
Nexo NS 4x4	1pcs	Ampliefers Delay system
RCF HPS 2500	2pcs	Ampliefers Front Fills

Monitors:

Nexo PS-15 R2	28pcs	
Nexo PS-10	17pcs	
Nexo PS-8	3pcs	
Nexo PS15-P	4pcs	Sub
Nexo NX 4x4	10pcs	Mounted in 5 mobile racks
QSC K12	3pcs	(Active loudspeaker)
Yamaha DXS15 MK2		(Active subwoofer)

***A selection of these according to production needs, size and availability. Please check with production**

Communication:

Riedel Artist belpack	8pcs	
Riedel Bolero Wireless Beltpack	10pcs	
Riedel Bolero Base Station	1pcs	

Wireless Mics and IEMs

Sennheiser IEM rack 2 channels	1pcs	Sennheiser IEM receiver	2pcs
Sennheiser SK2000 12 ch rack	2pcs	SK2000 body transmitter	24pcs
		SK2000 handheld transmitter	11pcs
		Neumann KK205 Capsule for SK2000	2pcs
		Sennheiser E965 Capsule for SK2000	11pcs
		Sennheiser E935 Capsule SK2000	13pcs
		Shure Beta 58 capsule for SK2000	4pcs
		Sennheiser HSP2 headworn	19pcs
		DPA 4066	2pcs
Rack of 1pcs Sennheiser EW-D EM 1pcs Sennheiser EW-DX-SK 3-pin 1pcs Sennheiser EW-DX SKM-S 1pcs Sennheiser MME 865-1	2pcs		

Mics and DI´s

Shure SM58	6pcs	**DI**	
Shure Beta 58a	8pcs	BSS AR133 mono active DI	28pcs
Shure PG48 w/switch	1pcs	Radial Mono DI	9pcs
Shure SM57	10pcs	Radial ProAV2 stereo	10pcs
Shure Beta 57a	2pcs	Alphaton SM50	2pcs
Shure Beta 52	1pcs	Pro-Co IT	1pcs
Shure Beta 91a	2pcs	Kissbox Midi	2pcs
Shure Beta 98	6pcs		
Neumann KMS 105	2pcs		
Neumann KM 184	16pcs		
AKG 480B	14pcs		
AKG C414	4pcs		
AKG D112	2pcs		
DPA 4011	3pcs		
DPA 4099 + preamp	8pcs	**Mic STANDS**	
Sennheiser 421	8pcs	K&M Counterweight stand	2pcs
Sennheiser 441	5pcs	K&M High tripod short-legged	12pcs
Sennheiser e904	4pcs	K&M High tripod long-legged	26pcs
Sennheiser e906	7pcs	K&M Low Tripod	2pcs
Sennheiser MKH40 P48	8pcs	K&M High Rig round base	12pcs
Sennheiser Mk1	18pcs	K&M Big round base	3pcs
Sennheiser e935	12pcs	K&M Small round base	41pcs
Sennheiser e965	2pcs		
Audix D6	1pcs		
Audix M1250B Gooseneck	4pcs	**Speaker Stands**	
Audix ADX 12 podium mic	9pcs	Speaker distance rod	4pcs
Audix ADX 12 base for podium mic	10pcs	K&M Tripod speaker stand	9pcs
Beyer Dynamikk M88	2pcs		

Lighting spec

Control and dimming:

Production lighting	MA lighting grandMA 3 Light	2pcs
sACN ip range	10.101.xxx.xxx	
ArtNet ip range	2.0.0.x	
P3 ip range		

Production lighting	IES Sinewave 3kW dimmers	
	ETC Sensor 2 3kW NonDim	
	IES Sinewave 5kW dimmers	
	ETC Sensor 2 5kW NonDim	
	ETC Smartrack 3kW dimmer in 2 mobile racks	48ch

Architectural lighting	ETC Sensor 2 3kW dimmers	
	ETC Sensor 2 3kW NonDim	
	ETC Sensor 2 5kW dimmers	
	ETC Sensor 2 5kW NonDim	
	ETC Sensor 2 0 – 10V	
	LED RGBW	
Architectural control	Paradigm panels at stage manager or sACN	

Lighting instruments:

FOH Moving Profiles	Martin MAC Encore Performance WRM	8pcs
	Martin MAC Encore Wash WRM	4pcs
FOH Convetionals	*ADB DN256 9-22deg*	10pcs
	Robert Juliat 614SX 16-35deg	12 pcs
Follow Spots	Robert Juliat Aramis	2 pcs

Moving Profiles	Robe Esprite Profile	15pcs
Moving Washlites	Robe Esprite PC	18 pcs
Orchestra lighting	*ETC ARC PRO Four-Cell Linear*	40pcs
Orchestra lighting	*ETC ARC PRO Two-Cell*	24pcs
LED pars	Bright XLED HD*	40pcs

Floor lighting package available on request:

Moving Profiles	Martin MAC III Performance*	6pcs
Moving Washlites	Martin MAC Aura*	18pcs

***A selection of these according to production needs, size and availability. Please check with production.**
Lighting plots and patch lists are found HERE

Video spec

Projection:

VideoProjector	*Panasonic PT-RQ22KEJ*	1pcs
Lenses:	*ET-D75LE10 (1.3-1.7:1) ZOOM LENS**	1pcs
	*ET-D75LE20 (1.7-2.4:1) ZOOM LENS**	1pcs
	*ET-D75LE30 (2.4-4.7:1) ZOOM LENS**	1pcs
	*ET-D75LE40 (4.6-7.4:1) ZOOM LENS**	1pcs
	*ET-D3LEW50 (0.7:1) FIXED LENS**	1pcs

Laser projector, 20 000 AL, 4K+, 3-Chip DLP. Fixed position in a silent, dedicated room

Screens:

Projection screen:	*Projection screen, fixed position*	9,4m x 12,8m

*folding screens of most sizes and shapes available on request

Image Processing:

Signal/Switching	Barco Image Pro II	1pcs
Converters:	A wide selection of video converters available	

*a wide selection of video equipment available on request