FESTIVITETEN
HAUGESUND KONSERTHUS

Technical equipment – Hovedscenen (main stage)
Updated NOV 2018

PA:		
FOH Console:	1	Midas Pro2
		Midas DL251 Stagebox 48/16
CD Player:	1	Tascam MD-CD1
Main System:	16	Meyer Sound M1D
	4	Meyer Sound M1D Sub
	4	Meyer Sound USW-1P Sub
	4	Tannoy i8AW (front-fill)
	4	Martin Audio W2 (side-fill)
	1	Klark Teknik DN9848 Digital System Controller
Monitoring:	10	Turbosound TMW 115
	6	Tannoy V12HP
	2	Tannoy T12
	2	Tannoy T40 sub
Amplification:	1	Electro Voice CPS 4.10 (Monitor)
	1	Lab.gruppen C48:4 (Monitor)
	1	Lab.gruppen C16:4 (Front-fill)

MICROPHONES:		
Wireless microphone system:	4	Shure ULXD4Q Quad Digital Wireless Receiver
	16	Shure ULXD1 Wireless Bodypack Transmitter
	4	Shure ULXD2 Wireless Beta58
Dynamic microphones:	4	Audio Technica AE6100
	1	AKG D12
	2	Heil Sound PR20 UT
	1	Shure Beta 52
	2	Shure Beta 56
	4	Shure Beta 57
	6	Shure Beta 58
	2	Shure Modell 565SD
	4	Shure SM 57
	4	Shure SM 58
	4	Sennheiser 504 Spitfire
	2	Sennheiser e906
	2	Sennheiser MD421
	3	Sennheiser MD441
	1	Telefunken M80
Condenser microphones:	4	AKG C3000
	3	AKG C 535 EB
	3	AKG C 452 EB
	1	AKG SE 300B
	2	Audix SCX25A
	1	DPA d:facto
	6	Røde NT5
	2	Shure Beta 27
	1	Shure Beta 87
	2	Shure Beta 91
	2	Shure Beta 181 (w/cardioid & supercardioid capsule)
D.I. boxes	6	BSS AR133
	2	Radial JDI
	1	Radial JPC
	4	Klark Teknik LBB100

Stands:	19	K&M large boom stands
	5	K&M large straight stands w. round base.
	11	K&M small stands w. round base and telescopic arm
	2	K&M overhead stands
	4	Speaker stands

LIGHTS:		
FOH console:	1	Road Hog 4
Fixtures:	10	Martin Mac 700 Profile
	12	Martin Aura XB
	20	Elation Sixpar 100
	4	Elation Sixbar 1000
	12	Par64 Shortnose Floor cans
	5	QuartzColor Pallas 4 flood lights
	15	1K Strand Harmony 15/28 Profile
	15	750W ETC CE Source 4 Zoom 15/30
Follow spots:	2	Robert Juliat Alex 2000/2500W 7-14,5º halogen
FX:	1	MDG ATMe
Towers:	6	Side light towers

PROJECTION:		
Projector:	1	Panasonic PT-EZ770Z - 6500 lm Panasonic ET-ELW22 - LENS
Projection screens:	1	White/perforated, PVC, w:12m h: 5m
	1	AV Stumpfl 460 x 270 cm
	1	AV Stumpfl 650 x 370 cm

STAGE:

Legs, borders, curtains and backdrop:		
Front curtain	1	Motorized traveler curtain
Legs	5	pairs, width 3m, height 7,5m
Masking borders	5	Width 15m, height 2m
Backdrop	2	**Black** (w:15m x h:7,5m) & **Gold** (w:15m x h:8 m)
Cyclorama	1	Width 15m, height 8m

Equipment:		
	3	Orchestra pit elevator
	50	Music stands
	50	Lights for music stands
	40	Stage platforms 1 x 2 meters
	80	Chairs, black
		Dance floor (black)
Hearing aid:		Phonak Roger Mylink

Size:		
	511	Seats in auditorium (incl. 69 seats at balconies)
	11,5m	Stage depth from orchestra pit
	20m	Stage total width
	12m	Stage net width
	7m	Proscenium height
	14m	Proscenium width

Load in:		
From street level		
	2,7m	Gate height
	3m	Gate width
No parking at venue. Bus parking one block away.		

Power:		
	2	230V, 63A, 3 phase
	3	230V, 80A, 3 phase

Intercom systems:		
	6	HME DX200 wireless headsets
	6	Clear-com stationary headsets

FLY BARS:

Flybars:		
	1	Motorized flybar – 200 kg max payload
	30	Counterweight flybars – 450 kg max payload 15 m length, 17,5m travel

Nr	Type	Maks last (kg)	Distance to next bar	Notes
	FOH bar	200		Motorized
1	Free	450	20 cm	
2	Legs	450	25 cm	
3	Border	450	35 cm	
4	LX1	450	30 cm	Lights
5	Free	450	25 cm	
6	Legs	450	25 cm	
7	Free	450	25 cm	
8	Border	450	25 cm	
9	LX2	450	25 cm	Lights
10	Legs	450	25 cm	
11	Acoustic ceiling 1	450	25 cm	
12	Free	450	30 cm	
13	Free	450	30 cm	
14	Legs	450	30 cm	
15	Border	450	40 cm	
16	LX3	450	45 cm	Lights
17	Projection screen	450	45 cm	
18	Legs/Border	450	45 cm	
19	Free	450	45 cm	
20	Acoustic ceiling 2	450	40 cm	
21	Free	450	30 cm	
22	Legs/Border	450	35 cm	
23	Free	450	35 cm	
24	LX4	450	40 cm	Lights
25	Free	450	50 cm	
26	LX5 Floodlights	450	45 cm	Lights
27	Gold backdrop	450	50 cm	
28	Black backdrop	450	50 cm	
29	Cyclorama	450	50 cm	White backcloth
30	Free	450	60 cm	
			rear wall	