

Technical specifications for Bluebox, Grimstad  
April 6, 2018

## SOUND

### FOH

The mixer is placed in the back of the stage-room on a platform, overlooking the stage. This platform can be moved forward if needed to.

Soundcraft	Vi1. 32 in, 27 out locally	1 unit	FOH
Soundcraft	Vi-4/6 stagebox. 48 in, 16 out	1 unit	Side-stage

### PA

We have 2 sets of JBL speakers floating 3,20m above the floor, consisting of VT4886 tops, and VT4883 basses. One VT4883 on each side is turned around to produce a cardioid effect.

We have ASB6125 subs placed under the stage.

JBL	VT4886	2x 8 units
JBL	VT4883	2x 3 units
JBL	ASB6125	4 units
Crown	Macro-Tech 9000i	6 units
BSS	Soundweb BLU-100	
Cisco	SG 100-16	1 units

### Monitors and lines

Soundcraft Vi4/6 stagebox on the sidestage with XLR patches to four ,LK-37 12 pair, audio multicore cables.

Return-signals, electrical power for backline and monitor inputs are found in the same rack.

JBL VP	VP7212MDP	7 units
Klotz	12 ch, 15m	2 pcs
Klotz	12 ch, 20m	2 pcs
Connex	Stagebox 12ch	4 pcs

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**Microphones**

BSS	AR-133	8 pcs	
AKG	D-40	4 pcs	
AKG	C-518	4 pcs	
AKG	D-5	3 pcs	
AKG	C-547 BL	1 pcs	
AKG	C-451 B	4 pcs	
Shure	SM57	5 pcs	
Shure	Beta 58A	4 pcs	
Shure	Beta 52A	1 pcs	
Shure	Beta 91	1 pcs	
Shure	Beta 58 Wireless	2 pcs	Shure GLXD24 vocalsys
Audix	ADX-50	1 pcs	

**Microphone stands**

K&M	233B	12 pcs	Short stand with small disc with boom
K&M	25960	2 pcs	Short stand with big disc with boom
K&M	260	3 pcs	Long stand with big disc with boom
K&M	219/4B	7 pcs	Long stand, 3-pod with boom
K&M		1 pcs	Short stand, 3-pod with boom

**AV**

Denon	DN-C110	1 unit	FOH
Denon	DN-A7100	1 unit	FOH
Sony	BDP-S360	1 unit	FOH
Optoma	EW766	1 unit	Integrated

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**Backline**

Fender guitar amp.	Hot Rod Deluxe	1 unit	
Marshall guitar amp.	MG100HDFX	1 unit	m/MG 4 x 12' angled cabinet
Ampeg Bass amp.	BA115 HTP	1 unit	
Pearl Vision drumkit			
	12" tom		
	13" tom		
	16" tom		
	22" kick		
	14" snare		
Sabian XS-20			
	20" ride		
	14" hihat		
	16" crash		
DJ equipment			
Pioneer	CDJ-400	2 units	
Pioneer	DJM-300	1 unit	
Pioneer	CDJ-2000NXS2	2 units	
Pioneer	DJM-900NXS2	1 unit	

**Lights**

Selecon	Pacific	4 pcs	1000W 15-25 grader
Selecon	Rama fresnel	6 pcs	1200W
DTS	PAR 64	22 pcs	1000W CP62
DTS	PAR 64s	3 pcs	1000W CP62
DTS	FLASH 8000	2 pcs	8x250W blinder
DTS	FAL1500	1 pcs	1.5kW Strobe
Martin	MAC 350 Entour	6 pcs	Moving heads
	Traffic light	1 pcs	Red & green man
MA Lighting	MA on PC command wing	1 pcs	With 23" touchscreen PC
Okero	619-D	4 pcs	Side-stage
Okero	6x13A Suply	2 pcs	Side-stage
Pulsar	Datasplitter 8-way	1 pcs	DMX splitter 1:8
Hazer	Uniqe look 2.1	1 pcs	
Showtec	LED Par 64 Short 18 x RGB	7 pcs	
Showtec	Active sunstrip DMX	2 pcs	
Showtec	Showbar 4 channels	2 pcs	

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**Stage and light rig**

Risers	2x1 meter	3 pcs
Riser legs	35cm	9 pcs
	45cm	9 pcs
	75cm	9 pcs
	100cm	12 pcs

The frontrig is 6m long. Prolyte X30D, motorized with two 250kg chainpulleys fastened in each end. Max WLL is 500kg (NB! For details, please check weight information papers on the frontrig).

Cables	Front rig	1 pcs 6ch multicorecable with extensions.
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The stagerig is 5,5m wide, and 3,5m deep. Litec QX30, motorized with four 250kg chainpulleys fastened in each corner. Max WLL is 1000kg (NB! For details, please check weight information papers on the stagerig).

Cables	Backside	2 pcs 6ch multicorecable with extensions.
	Middle	1 pcs 6ch multicorecable with extensions.
	Front	1 pcs 6ch multicorecable with extensions.

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**Stage dimensions**

Width:	6,50 m	
Depth:	6,00 m	
Depth:	5,80 m	1 m distance from the front-edge of stage to stagecarpets.
Stage height from ground level	0,90m	
Height, from stagefloor to ceiling	6,30 m	
Max lift height, stagerig	5,90 m	
Max lift height, frontrig	6,00 m	
Stagefront– FOH	8,50 m	

**Electrical powere**

Bluebox has a 400V TN-S distribution net. These span over 2 sound racks, and 1 light rack.

The stage has the following distribution:

PH-563-9	Sound		3x40A+N
		- PA	6 units 2x16A
		- Monitor and backline	6 units 2x16A
		- Available for guestproductions	1 unit 3x16+N
PH-563-9	Lights		3x63A+N
		- Dimmers 1-4	3x32A+N each
PH-532-9		Fixed power no.1	3x32A+N
PH-532-9		Fixed power no.2	3x32A+N
PH-532-9		Available for guestproductions	3x63A+N

In addition, there are three 16A channels installed along the walls of the stage.

## **Arrival and parking**

When driving towards Grimstad, you probably come from the highway E39, and you drive off when you see the signs «Grimstad», along with «Universitetet». Keep following the «Universitetet» signs until you reach the Ericsson building and drive along it until you see the university.

It is advised to drive onto the parking lot to the left of Bluebox (yes, the big blue box building), and onto the top floor, so you can easily carry the gear straight from the car(s) into the building on the side. We have doors that lead straight to the parking lot from the stage and FOH.

The building has a loading ramp on the backside, with doors leading into a storage room and then to the stage backend. We have 3 doors that leads straight to the FOH, these are 15cm over ground level. There is also a wheel-chair elevator to the stage, which can be used to move gear onto the stage from the FOH.

There is parking space for buses, semitrailers and trucks, but we need to be notified of eventual needs like these beforehand. We have 16A power on the backside of Bluebox for tourbuses etc.

## **Internet**

There is wireless internet covering the entire university campus. Wired internet can be found by the FOH and on the stage.

## **Contact information**

[www.bluebox.no](http://www.bluebox.no)

[teknisk@bluebox.no](mailto:teknisk@bluebox.no)

## **Building layout**

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