



## Sound Specification

Last updated 19/05/25 by HB

### Microphones & DI Boxes

Shure SM58	4
Shure SM57	3
Shure Beta 57A	2
Shure Beta 91A	1
Beyer M201N(C)	1
AKG C1000S	2
AKG C3000	6
RODE NT5	2
AKG P17	2
AKG P4	4
AKG P2	1
Samson S Convert 2-way Balanced/Unbalanced interface	1
Stereo DI	3
Mono DI	1

### Mic Stands

Tall boom mic stands	13
Short boom mic stands	2
Round bottom mic stands	2

### Radio Mics

Sennheiser EM300 G3 receiver	12
Sennheiser EM300 G4 receiver	4
Sennheiser SK300 G3 beltpack transmitter	12
Sennheiser SK500 G4 beltpack transmitter	4
Senneiser SKM 300-835 G3 handheld transmitter	2

All radio mic receivers are racked as part of the theatre's permanent fixed install. See separate document on radio microphone frequency licensing, alignment and channel use.

The Theatre has both Sennheiser & Wavetool radio mic audio and telemetry monitoring software set-up on a dedicated Mac Mini in the sound box, plus an additional iMac available for use as a Wavetool remote in the Green Room or PS Wing.

### Sources

Mac Mini with QLab 5 Audio+Video and Dante Virtual Soundcard	1
MOTU MIDI AV Timepiece linked to lighting desk and Mac	1
Technics SL-PS740A CD Player	1

### Control & IO

Yamaha CL3	1
Yamaha RIO 3224-D	2

The CL3 can be moved from its normal position in the control box to a rear auditorium mix position. This requires taking seats off sale and *must* be discussed with the Production Manager in advance. See the Sound Patch Details document for further information on the theatre's Dante and analogue patch arrangements.



## **Amplifiers & Speakers**

d&b EPAC single channel	4
QSC PLD4.2	2
d&b Ci90	2
d&b Ci-SUB	2
QSC E10	6
t.Box pro Achat 104	6
QSC K10 (powered)	4
t.Box pro Achat 104 A (powered)	4

The d&b and QSC amplifiers are racked as part of the theatre's permanent fixed install.

The two D&B Ci90 tops and two Ci-SUB subs run through four E-PAC amplifiers and form the main front of house PA. They cannot be moved or unpatched. The QSC amps are each four channels of amplification to give a total of 8 other channels of patchable amplification. Note that the QSC K10 and t.Box pro Achat 104 A speakers are self-powered and so do not need a separate amplifier.

## **Music Stands**

K&M Orchestra Stands with lights	12
K&M Conductors Stand with light	1

## **Additional Equipment**

Mac Mini in sound box running QLab  
Mac Mini in the sound box running Wavetool  
Desktop iMac serving as Wavetool remote  
Roland stage piano in flight case with stand  
Drumkit  
EMO Microphone splitter  
XLR, speakON, instrument leads and a range of various adapters

## **Effects Library**

The Theatre has a very extensive stock of sound effects CDs which are held in the Technical Office and on the file server accessed via the Production Office computers.