

# **Black Box at The Model Arts :: Niland Gallery**

## **Technical Specifications April 2004**

### **Description**

The Black Box space at the Model Arts and Niland Gallery is a renovated room approximately 8.8m wide by 5.8m high by 15m deep. A retractable raked seating bank with a capacity of 127 persons has been installed. An additional row of seats at floor level increases capacity to 138 persons. This seating bank can be pushed back by arrangement with technical staff, to reveal a floor space of 8.8m by 14m. A motorised cinema screen is installed upstage which is used for cinema and multimedia presentations.

- \* The floor of the Black Box is black painted plywood.
- \* Maximum load-in dimensions are 1.2m wide by 2.2m high.
- \* A permanent lighting grid 6m by 6m is suspended over the stage area and is made from 48mm OD steel tube.
- \* There is an 8.8m by 4m control room area behind the audience end of the space, which accommodates a 35mm projector along with sound and lighting control.
- \* No talkback or intercom system is available.
- \* Stage area is approx. 6m deep by 8.8m wide when the seating bank is in use.

### ***P.A. System.***

#### ***Front of House System***

Pair of HK Audio Linear 3 Series 18 inch Sub Bass speakers  
Pair of HK Audio Linear 3 Series 12 inch Mid Top Speakers  
2 x Crown CE1000 Power Amps

#### **Monitor System**

4 x KME active floor monitors, full range 300w RMS, can be used as stand alone full range speakers for events in other areas of the building.

#### **Mixing Desk**

Behringer 3242 Rack mountable mixing desk with 16 mono inputs, 4 band EQ, 6 Aux, 4 Sub, built in Virtualiser digital effects.

#### **Processing**

3 x Behringer Ultragraph 31 band graphic equalisers, giving equalisation for stereo L/R and four monitors.

2 x Behringer Autocom stereo compressor units c/w insert cables.

1 x TC Electronic M300 digital effects unit.

#### **Cables**

1 x 16 input, 4 output Stage box with 25m multicore cable.

1 x 8 input sub stage box with 15m multicore cable.

16 x 10m XLR cables.

## **Input Devices**

5 x Shure SM 58LCE dynamic microphones  
1 x Shure Beta 57 dynamic vocal microphone  
4 x Behringer UltraDI direct injection boxes

## ***Lighting System***

8 ways of Botex digital dimming, 10 amps per channel

## **Control**

1 x Zero 88 Alcora 24 channel DMX lighting console

## **Lanterns**

12 x Par 64 CP62 par cans 1000w

## **Cabling**

8 x hard wired 16 Amp circuits adjacent to permanent Steel lighting grid over stage area.

## ***Cinema System***

1 x Westrex 35mm film projector with Xenon Arc light source  
Dolby CP45 Cinema Sound processor with Dolby type A and SR noise reduction.

Motorised plastic projection screen 6m wide by 4 m deep.

1 x Sharp PGC45X LCD video projector (XGA). Light output 2500 ANSI lumens.

1 x Sony DVD player

## ***Additional Facilities***

6 x lightweight music stands, unlit.

A Kawai 6ft grand piano is available. Please give notice if you intend to use it, as it may need to be moved and tuned.

A lectern with built-in AKG 747 condenser microphone and reading light is available on request.

## ***Contact***

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