

# Theatre Royal

## *Technical Aspects*

### Seating

|                 |           |
|-----------------|-----------|
| Maximum seating | 1,183     |
| Stalls          | 755 seats |
| Dress Circle    | 428 seats |

Dress Circle capacity includes Disabled seating – 2  
Carer seating - 2

### Stage Dimensions

- PROSCENIUM  
11.53m 6.97m
  
- STAGE WIDTH
  - Centre to PS (timber floor) 9.74m
  - Centre to PS Wall DS 16.45m
  - Centre to PS Wall US 15.72m
  - Centre to OP Wall under Flies 10.07m
  - Centre to OP DS 9.52m
  - Centre to PS Flyfloor 8.51m
  - Centre to OP Flyfloor 7.45m
  - Flyfloor Width 1.22m
  
- STAGE DEPTHS (all measurements from US of Pros Wall)
  - PS Pro Wall to US Grid Wall 12.06m #
  - OP Pros Wall to US Grid Wall 10.97m #
  - OP Pros Wall to last Counterweight Line 10.52m
  - PS Pros Wall to Rear of Stage Wall 16.92m
  - OP Pros Wall to Rear of Stage Wall 16.15m
  - Apron Concave Depth

# also denotes extent of timber floor – all other areas have concrete floors.
  
- STAGE HEIGHT
  - To Stalls Floor 0.875m
  - To Underside of Grid 17.91m
  - Grid Clearance to Beams above 1.88m
  - Clearance under PS and OP Flyfloors 7.87m
  - Clearance under PS Wing 6.31m
  - To OP Flyfloor #2 10.93m
  - To OP Flyfloor #3 15.19m
  - To OP Flyfloor #4 17.45m

- **STAGE SURFACE**  
381mm Tasmanian Oak laid transverse PS to OP covered with 4.8mm masonite (can be painted and drilled).
  
- **COUNTERWEIGHTS**  
Double Purchase System operated from the OP of Stage  
59 Lines with Five Set Lines – 3.35m Centre  
48mm OD Steel Barrels  
Lines 1-25 Short Cradles 738kg = 71 weights in cradle = 369kg on barrel  
Line 26-65 Long Cradles 1,102kg = 106 weights in cradle = 551 on barrel  
Barrel Max 559kg

### **Lighting Facilities**

#### **Dimmers**

There are 160 IDS Professional 2.5 & 5 kw Dimmer Racks  
(more information available on request).

### **Dressing Rooms**

There are thirteen (13) dressing rooms available of various sizes most with bathroom facilities.

### **Wardrobe**

Approximate area 108sqm.

Equipped with commercial washing machines and dryers.

### **Note**

The Theatre Royal is hired as a 'bare walls' venue, however, some technical equipment is available.