 **National Opera House**

**O Reilly Theatre**

**Technical Specifications**

**Overview**

Full Capacity 853 Seats in two tiers and stalls arrangements.

With forestage in small Orchestra pit set up 825,

With forestage In large Setup 769 seats.

Flat Stage with Traditional Proscenium,

Rear stage Scene dock.

Six control booths on 2 levels

**Stage Dimensions Approx.**

Proscenium Width 9m x Height 7.5m

Stage Width including wings 21m

Width between Fly Galleries 16.8m

Depth 10.5m from front edge of Stage

Depth 9.5m from setting line

Forestage lift 1 gives an extra 3m advance of Prosc Arch

Forestage lift 2 gives an extra 6m advance of Prosc Arch

Height to Grid 20m 21m to additional rigging points.

**Load in**

4m x 6m rear dock door. Load in bay at stage level, Large Adjacent Car Park

**Suspensions**

Black Velour house tabs on variable speed motor control.

45 Single Purchase Counterweight bars 13m length swl 500kg evenly Distributed.

2 x 9m up and down bars located on each side of stage,

1 set motorized 1 set counterweight

2 x 13m motorized bars located over the forestages swl 500kg evenly spread

**Stock softs**

Black Serge

4 pairs of legs 8m x 1.5m,

4 Borders 13m x 2.5m,

Black Tab13m x 8m.

White Cotton Cyc 13m x 8m

White PVC Cyc 13m x 8m

Grey PVC BP 12m x8m

**Sound & Video**

**24 Channel Allen & Heath Analogue desk GL3800-824B**

**FX Rack**

1 Sabine GRQ3122

1 Yamaha SPX200 FX Processor

1 Tascam MD350 Mini disk Player

1 Denon C635 Cd Player

**Mac Mini with Qlab 3 available at extra cost**

**PA Speaker Sytem is mounted within the proscenium arch surround and is suitable for**

**Speech and playback It is a Renkus Heinz Iconyx system.**

**Please Note The main House PA is not suitable for live bands or large scale shows We can hire equipment and operators locally at an extra cost please enquire.**

**Additional items**

6 logic monitor wedges

4 FX Amps patchable throught the auditourium and stage

Numerous facility panels on stage & Foh for patching of audio/ehternet/video

There are a Limited number of stands and hand held mics/cables & dI’s etc.,

**6 K and 15K video projectors for hire at extra cost Please enquire**

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| **Lighting Specifications CONTROL-** | |
| ETC EOS CONSOLE Ethernet |

ETC ION CONSOLE (BACKUP) Ethernet/DMX

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**4 universes of DMX available at Control Position for Touring Desks**

**(Universe 1 – House Generics, Universe 2 contains House Lights)**

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**DIMMING-** SENSOR+ RACKS (Controlled via ETCNet)

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| **Visiting Power** | | |
| Dedicated Broadcast 200A TPN | Supply Rear Stage | |
| Additional 400A TPN | Supply Stage Left | |
| Dedicated 63A TPN Sound Power | | |
| Numerous 13a/16a Independents | Located on all Facility Panels | |