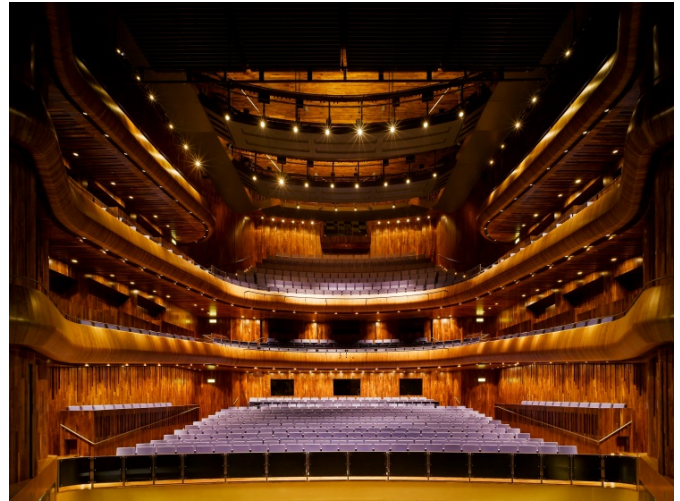


# NATIONAL OPERA HOUSE

## 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 stage to Grid 20metres. 22metres to 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 in Black wool serge

4 pairs of legs 8m x 1.5m, 4 Borders 13m x 2.5m Black Tab 13m x 8m.  
White Cotton Cyc 13m x 8m White PVC Cyc 13m x 8m Grey PVC BP 12m x 8m

# Sound & Video

## Yamaha 32 channel LS9 Digital Desk

- 1 Tascam MD350 Mini disk Player
- 1 Denon C635 Cd Player

## PA SYSTEM

### RCF Line Array system flown Front of House

**10 boxes per side HDL 10 A powered speakers (700W RMS ea)**

**2 RCF Bass bins 8006**

6 logic monitor wedges

4 FX Amps patchable through the auditorium and stage

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

There are a limited number of stands and hand held mics/cables & dl's etc.,

**6 K Video projector for hire at extra cost Please enquire**

## Lighting Specifications CONTROL-

ETC EOS CONSOLE Ethernet

ETC ION CONSOLE (BACKUP) Ethernet/DMX

**4 universes of DMX available at Control Position for Touring Desks  
(Universe 1 – House Generics, Universe 2 contains House Lights)**

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

## Visiting Power

Dedicated Broadcast 200A TPN

Supply Rear Stage

Additional 400A TPN

Supply Stage Left

Dedicated 63A TPN

Sound Power

Numerous 13a/16a

Located on all Facility Panels

## Lantern Stock

Lamp	Manufacturer	Count
1.2kW Fresnel 200mm inc B/D	Robert Juliat	24
2kW Fresnel 250mm inc B/D	Robert Juliat	12
Source 4 10 - 750 watt	ETC	10
Source 4 19 - 750 watt	ETC	28
Source 4 26 - 750 watt	ETC	34
Source 4 36 - 750 watt	ETC	32
Source 4 50 - 750 watt	ETC	12
Zoom Source 4 - 750 watt 15-30	ETC	42
Zoom Source 4 - 750 watt 25-50	ETC	12
Studio Cob (30 & 15 degree lens options)	Prolight	12
Cyc Floods 4 x 1kW	Thomas	8
Groundrow 4 x 1kW	Thomas	8
Single Cell Floods 1kW	Thomas	6
PAR Can	Thomas - varying bulbs	80