

ROYAL WELSH COLLEGE OF MUSIC AND DRAMA

Wales / Cardiff

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Country / City: Wales / Cardiff

Completion: 2011

Capacity: 400+

Usage: Education

Technology



Acoustics



**Over Stage
Engineering**



**Under Stage
Engineering**

Overview

In a huge installation, J&C Joel designed and installed stage engineering services to the Royal Welsh College of Music and Drama (RWCMD).

To begin, J&C Joel installed 28 four-line counterweight sets in the Richard Burton Theatre. Each set provides a flying height of 10m.

J&C Joel also manufactured a front and rear projection screen using Twin White material (PVC055). The team mounted the screen at the rear of the stage.

They completed the stage with a full set of masking drapes. J&C Joel manufactured the drapes from black Wool Serge 565 (WS090).

Finally, a complete rigging system was designed for the Richard Burton Theatre's lighting and speaker systems. This included box trusses and electrically operated Pilewind Winch Units and moveable side lighting ladders.

Within the Dora Stoutzker Concert Hall, J&C Joel installed 46 Motorised Acoustic Roller Banners. They manufactured the banners from black Wool Serge. Together, they covered more than 750 square metres.

This venue's layout was made adjustable by 3 fully motorised chorus risers designed and built by J&C Joel's installation team using Serapid rigid chain drive transmission systems.

To complete the project, J&C Joel installed a seating wagon elevator with Gala lift system. This system transforms the area in front of the stage. It can provide extra stage space, additional floor space, or accommodate bespoke seating wagons designed by J&C Joel.

Today, the Royal Welsh College of Music and Drama offers adaptable, industry-standard performance spaces that inspire creativity, enhance learning and support productions of every scale.

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Stage Masking



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