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# Brunswick Mechanics Institute technical specifications

*Updated May 2025*

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## Theatre – Standard set up

The following equipment will be set up and included in all hires of the space. Please consult the additional equipment section if you require more than what is listed below. Please note, the use of any additional equipment will require a 3hr minimum call of a Next Wave casual technician for set up in induction for on-going use (subject to casual’s availability). Hirers are not permitted to access the lighting rig without a Next Wave casual technician on-site.

|  |  |  |
| --- | --- | --- |
| **Audio** | **#** |  |
| Console | 1 | Allen & Heath ZED420 Analog Mixing Desk |
| Multicore | 1 | Connex 2830 Stagebox – 24in/4out, 30m |
| Crossover | 1 | dbx 223xs Stereo 2-Way/Mono 3-way Crossover |
| Amplifier | 1 | Yamaha P4500 Power Amplifier |
| FOH speakers | 2 | JBL SP215-9 2-way Passive Speakers (flown in lighting grid) |
| Subwoofers | 2 | PreSonus AIR15 1200W 15” Active Subwoofers |

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| **Lighting** | **#** |  |
| Console | 1 | LSC Mantra Lite + Wing |
| Working lights | 4 | LED Floodlights |
| Colour wash | 8 | Nitek Lite Par T12 Colour LED |

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| Vision | # |  |
| Projector | 1 | Optoma EH515T 5500 Lumen Projector (Mounted in Lighting Grid) |
| Projector screen | 1 | Smartfold Projector Screen (Image Size: 3319mm x 1867mm or 150” (3.81m) diagonal) |

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| Power | |
| Standard 10A | Multiple 10A 240V sockets around the room |

## Theatre – Room Specifications

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| --- | --- |
| **Length of room** | 17,625mm length |
| **Width of room** | 8,400mm width |
| **Height – vloor to ceiling** | 6,145mm floor to ceiling at centre of room (room slopes at sides) |
| **Height – to underside of grid** | 4,550mm floor to Grid |
| **Floor** | Timber floor – Painted black |
| **Lighting bars** | 8 x patch bars, 6 x outlets per bar  SWL = 30kg per lineal metre  The maximum single load which may be supported directly to each steel dropper is 12-kg. No dynamic loads should be supported on the frame unless specifically approved by the venue. |
| **Loading dock/access** | Loading via double door or ramp – 1050mm wide x 2200mm high |
| **Room drapes** | Heavy black drapes on rails around perimeter of room, capable of blackout. Heavy white retractable drapes over window arches. |
| **Emergency exits** | 3 x Emergency Exits – One on west side (into foyer), two on east side (out into carpark) |
| **Internet access** | Wireless NBN and 1 x hardwired ethernet port |

## Studio – Standard set up

The following equipment will be set up and included in all hires of the space. Please consult the additional equipment section if you require more than what is listed below. Please note, the use of any additional equipment will require a 3-hour minimum call of a Next Wave casual technician for set up in induction for on-going use (subject to casual’s availability).

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| Audio | # |  |
| Console | 1 | Soundcraft EFX8 Analog Mixing Desk |
| FOH speakers | 2 | JBL EON 15” Active Speaker |

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| Lighting | | |
| Working lights | 1 | Suspended ring of LED batten lights around perimeter of space |
| Working lights | 6 | Downlights |

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| Vision | # |  |
| Projector | 1 | Epson EH-TW3600 2000 Lumen Projector |
| Projector screen | 1 | Grandview portable pop-up screen (Image Size: 1630mm x 1220mm) |

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| Power | | |
| Standard 10A |  | Multiple 10A 240V sockets around the room |

## Studio – Room Specifications

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| **Length of room** | 10,035mm length |
| **Width of room** | 6,280mm width |
| **Height – Floor to ceiling** | 5,000mm floor to ceiling |
| **Height – Floor to light Ring** | 3,044mm floor to underside of Light Ring |
| **Floor** | Timber Floorboards – Polished wood |
| **Walls** | White painted walls |
| **Access doorways** | 1,015mm wide x 2,250mm high |
| **Room drapes** | No drapes or curtains over windows |
| **Emergency exit** | Main entrance is emergency exit into foyer |
| **Internet access** | Wireless NBN and hardwired ethernet ports |

## Additional Equipment

The following equipment is not included in the standard set up for each space and must be arranged ahead of the hire period. Any use of additional equipment requires a 3-hour minimum call with a Next Wave casual technician for set-up and induction for on-going use. Hirers do not have permission to access the lighting rig without a Next Wave casual technician on-site. A second 3-hour minimum call may be required at the end of your booking to ensure the space is re-set for next use (if major changes are made, particularly to the lighting rig).

[View Next Wave’s casual technician rates](#_Casual_Technician_Rostering).

*Please note, tech shifts are subject to casual’s availability.*

All equipment will be in good working order at the commencement of the hire – if an item is not working, please advise your Next Wave point of contact immediately.

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| Audio | # |  |
| Speakers | 2 | QSC CP12 12” Active Speaker |
|  | 2 | SM121V 2-Way Passive Floor Monitor |
| Subwoofer | 2 | JBL Power 10 Active Subwoofer |
| Rackmount Gear | 1 | Yamaha Q2031B Dual-Channel Graphic EQ |
|  | 1 | Peavey Q131 Single-Channel Graphic EQ |
|  | 1 | Yamaha Rev500 Effects Unit |
|  | 1 | Marantz PMD 320 Single CD Player |
|  | 1 | dbx 266XL Compressor/Gate |
| Microphones | 3 | Shure SM58 Dynamic Microphone |
|  | 4 | Shure SM57 Dynamic Microphone |
|  | 2 | SM94 Condenser Microphone |
|  | 1 | Shure Beta52a Bass Instrument Microphone |
|  | 1 | Sennheiser e835 Dynamic Microphone |
| DIs | 1 | Radial ProD2 DI (Stereo) |
|  | 5 | Behringer Ultra-DI (Mono) |
| Stage Box | 1 | 24in/6out stage box with 35-metre multicore |
|  | 1 | 8in/4out Cordial stage box with 15-metre multicore |
| Mic Stands | 11 | Tall Microphone Stand |
|  | 3 | Short Microphone Stand |
|  | 1 | Desktop Microphone Stand |

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| **Lighting** | # |  |
| Console | 1 | Event Lighting Kontrol16 |
|  | 1 | Jands 4-Pak 240V Dimmer |
| Dimmers | 4 | LSC E-Pak Dimmer Racks (12 channels per rack) |
| Face Lights | 5 | Selecon Compact PC 1.2kW |
| Specials | 5 | Selecon Acclaim Axial Zoomspot 18–34 degrees |
| Stage Wash | 6 | Selecon Fresnel 650W |
| Flood Lights | 2 | Cyc cell flood |
| Light Fixtures | 4 | Par56 240V |
|  | 3 | Par46 240V |
|  | 6 | Par16 240V |
| Light Fixtures | 3 | Nitek Lite Par T12 Colour LED |
|  | 2 | Selecon Fresnel 650W |
|  | 1 | Selecon Acclaim PC 650W |
|  | 2 | Cyc Cell Flood 500W |
|  | 2 | Selecon Zoomspot 650W (24 – 40 Degrees) |
|  | 3 | Selecon Living Light 75W (12V) |

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| Video and Recording | # |  |
| Camera | 2 | Panasonic Lumix G7 DSLR (w/ 14 – 42mm and 45 – 150mm lens) |
|  | 1 | GoPro HERO7 |
| Capture Card | 1 | Elgato Cam Link 4K |
| Video Switcher | 1 | Roland V-1HD |
| Tripod | 3 | Manfrotto Compact Action Tripod |
| Green Screen | 1 | Elgato Collapsible Chroma Key Panel – 1800mm x 1480mm |
| Audio Recording | 1 | Zoom H4n Handheld Recorder (w/ Windshield) |
|  | 1 | Røde Wireless GOII Kit (2 x Transmitter, 1 x Dual Receiver) |

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| Staging and Drapes | # |  |
| Staging | 7 | Rostra Folding-Leg Stage Section (2400mm x 1200mm x 300mm) |
| Tarkett Floor | 3 | Sections of 5m x 2m Soft-Shoe Dancefloor (to create 30m2 floor) |
| Drapes | 8 | Black Wool Drapes – 3100mm Wide x 3500mm Drop |
|  | 2 | Black Wool Drapes – 2000mm Wide x 2100mm Drop |
|  | 1 | Red Mechano Drape – 6500mm Wide x 4300mm Drop |
| Drape Supports | 11 | Adjustable Upright Poles |
|  | 10 | Telescopic Crossbars (extendible to 3 metres) |
|  | 11 | Baseplates including Spigots |
| Shot Bags | 16 | 10kg Shot Bags |

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| Rigging equipment | # |  |
| Truss | 3 | 4-metre Tri-Truss (300mm C–C) with Semi-Circle Baseplate |
| Boom Arms | 9 | Boom Arm Bracket – Heavy Duty, Twisted |
| Winch–up Stand | 1 | 12–foot Winch-up Stand with 2m T-Bar |

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| Access Equipment | # |  |
| Elevated Work Platform | 1 | Crown WAV – Single Person Lifter (can only be used by ticketed, experienced operators) |
| Ladder | 1 | 3-metre A-Frame Ladder |
|  | 1 | Rhino 1.8-metre Step Ladder |

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| Power | # |  |
| 3-Phase | 4 | 32A 3-phase outlets |
| Standard 10A |  | Multiple 10A 240V sockets around the room |
| 4-pin 10A | 1 | 4-pin 10A for seating bank power |

## Casual Technician Rostering

Any use of additional equipment requires a 3-hour minimum call with a Next Wave casual technician for set-up and induction for on-going use. Hirers do not have permission to access the lighting rig without a Next Wave casual technician on-site. A second 3-hour minimum call may be required at the end of your booking to ensure the space is re-set for next use (if major changes are made, particularly to the lighting rig).

Please note, tech shifts are subject to our casual's availability.

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| Next Wave Casual Technician Rates | | |
| **Days** | **Hourly rate** | **Minimum call** |
| Monday—Saturday | $45 | 3 hours |
| Sunday and public holidays | $80 | 4 hours |

## Smoke and haze

There are no smoke alarms in the building, so use of smoke and haze is possible. Hirers must be inducted when using venue equipment.

## Building Access

The building can be accessed from Sydney Road (main entrance) and from rear carpark, both have with standard width ramp access.

If you a planning on bringing large items into the building, please contact us to confirm that we have suitable access.