



NewRoads

Performing Arts Centre

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Sound Equipment Overview

Audio Equipment

Main Mix:

DiGiCo SD9 Stealth Core 2 Digital 96 Channels - 96 X 48 X 3 w/ 12 X 8 Matrix. Console is located in control booth and connected via a patch bay to hardwired microphone input boxes located throughout venue. There are booth monitors delayed to the mains and a window that opens to allow operator to monitor program. The console can be moved into a house mix position if required (seat kills will be required and extra labour charges will apply).

Console includes extensive onboard processing: 12 X digital effects, 155 X dynamic EQ, 155 X DiGiTuBes, 155 X multiband compressors, 16 X graphic EQ, 96 X gate/compressor.

Console is equipped with **Waves** MultiRack SoundGrid. **Waves** plugins may be used if visiting engineer has a USB Key (v.11) with valid licenses. NRPAC owns licenses for the **Waves Live** and **One Knob** bundles and other miscellaneous plugins.

Main Mix Amplifiers:

3 X **QSC** ISA1350 (Mains)
1 X **QSC** PLX 3002 (Subs)

Crossover:

1 X **EAX** UX8800

Main Mix Speakers:

3 X **EAW** AX396 (L/Centre/R - High/Mid, Low)
2 X **EAW** FR 250z Dual 15" Subs

Booth Monitors:

2 X **EAW** MS 20

Booth Amplifier:

1 X **QSC** USA 370

Monitor Mixes:

6 Possible via Aux. Sends from Main Console

Monitor Amplifiers:

2 X **Crown** Com-Tech 400 (total of 4 outputs)
1 X **QSC** USA 900 (total of 2 outputs)

Monitor Wedges:

6 X **Yamaha** DBR12 Powered Wedges (2 mounted as overhead sidefill)
6 X **Yamaha** SM12IV Passive Wedges
2 X **Yamaha** SM12IV S Passive Wedges

Microphones:

12 X **Shure** Beta 58A
1 X **Shure** SM58
4 X **Shure** Beta 57A
4 X **Shure** Beta 56A w/A56D Drum Mount
3 X **Shure** EZ0 Overhead (phantom)
3 X **Shure** MX202 Overhead (phantom)
1 X **Shure** Beta 52A (Kick Drum Microphone)
2 X **Shure** Super 55 ("Elvis Style" Microphone)
1 X **Shure** 520DX (Green Bullet Harmonica Microphone)
2 X **Sennheiser** MD 421 MK II

NewRoads Performing Arts Centre Sound Equipment Overview (Cont.)

Microphones (Cont.): 4 X **AKG** 391B Pencil Condenser (phantom)
2 X **Behringer** C-2 Pencil Condenser Matched Pair (phantom)
2 X **Behringer** C-1 Large Diaphragm Condenser (phantom) w/shock mount
5 X **Crown** PCC 160 Boundary Microphone (phantom)
1 X **Earthworks** DK25/L 3-piece Drum Microphone Kit
1 X **Schertler** DYN P-P48 Piano Transducer
2 X **CAD** EquitekE-200 Large Diaphragm Condenser (phantom) w/shock mount

Wireless Microphones: 16 X **Sennheiser** EW-D SK Body pack Transmitters w/ ME-2 II Microphone**
12 X **Sennheiser** EW-D SKM-S handheld transmitter with MMD 835 Microphone capsule**
16 X **Sennheiser** EW-D EM Receivers**
6 X **Sennheiser** CI 1 Instrument Cables**

16 X **MMAudio** MM-DPSM-WP Dual Earset/Headworn Microphones are available for use with our Body pack transmitters, but absolutely no tape or other adhesives may be used with these microphones.

NB: EW-D SKM-S Handhelds share receivers with EW-D EM Body packs. Only one type of transmitter may be used at one time with each matched receiver. All wireless equipment uses AA Batteries. NRPAC also has rechargeable lithium ion batteries for this equipment.

NOTE: For a nominal extra charge, **Countryman** E6i Ear-worn elements are available for use with the EW-D SK Transmitters. This is a higher quality microphone than the ME-2, providing better pickup of voices and much higher gain before feedback. These units must be used with extreme care.

DI Boxes: 1 X **BSS** AR116 (phantom)
4 X **Behringer** Ultra-DI DI20 Dual DI/Splitter (phantom)
3 X **Countryman** Type 85 (phantom)
1 X **Radial** JPC Stereo DI (for computer audio)
4 X **Radial** JDI Passive DI

Playback: 1 X **Tascam** CD-200iB CD/iPod Dock Player
1 X **Denon** DN-C550R Dual CD/CD-R/RW Deck
1 X Custom-built Media PC Intel Core i5 (8th Gen) w/ Cakewalk UA-101 and **Show Cue System 11 (Professional)** multi-media control Software with DMX/MIDI control (See <http://www.showcuesystem.com> for details and demo).

Snakes: 1 X **Denon** DN-T645 CD/Cassette Deck for Onstage use (plays MP3 CDs)
1 X **RSX** Roadster 100' (16 inputs/4 returns)
1 X **Rapco** 100' (16 inputs/4 returns)

Miscellaneous: Various microphone stands, cables and adapters

This equipment list is for purposes of information only. It does not imply or provide a guarantee of availability or suitability of a specific piece of equipment. Please note that we make every effort to ensure that our equipment is maintained to the highest possible standard. Please understand that this may mean that a listed piece of equipment may not be available due to repairs or maintenance being undertaken. If you require a certain piece of equipment for your production, please call us to ensure its status.

**An extra charge may be made to cover the cost of the use of this equipment due to the need to replace lamps, fluids, or other expendable items.