

# Derry Opera House Specifications

(Subject to change without notice)

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The facility is fully air conditioned. The electric service is adequate for even large scale productions. The facility is handicapped accessible via an elevator, and is located on the second floor. There are handicap accessible bathroom facilities located on the first floor and lower level. In addition, there is a cast and crew only bathroom accessed from back stage. There is an enclosed back-stair for access from the first floor green room to the stage area. There two good size dressing rooms, adjacent to the green room, on the first floor. There is *not* a sunken orchestra pit.

The facility is recently painted in a fashionable Edwardian color scheme, with a newly refinished maple floor. Flexible seating accommodates a wide variety of events. The acoustics are outstanding, by the way. Ample, free, municipal parking is available within a short walk. The Opera House is easily accessible from Exit 4 of I-93.

**Stage dimensions:** 46' wide x 18'-6" to 21' deep (curved apron). Has a functional trap door. There is no second access to the trap space, which is limited to the height of the stage from the house floor.

**Wing space:** approximately 10' x 18' (each side)

**Proscenium arch opening:** 26' wide

**Green Room dimensions:** 18' x 32'

**Dressing room dimensions:** 9' x 20' and 6'-6" x 18'-6", both connected to the green room

**House dimensions:** 48' x 46'

**Occupancy capacity:** 265 maximum on the main floor. The practical limit for main floor seating with a full orchestra on the floor in front of the stage is about 250.

**Upstairs lobby dimensions:** 14'-6" x 13'-6" (adjacent to the concession area)

**Downstairs lobby dimensions:** 16' x 12' (adjacent to new elevator lobby)

**Electric service:** 600 A, 3-phase, 120/208 V.

**Outlets for rental dimmer systems:**

(2) NEMA 14-50, 50 A 120/208 V, each will accommodate (6) 2.4 KW dimmers,

(8) NEMA 5-20 @) A 120 V, each will accommodate (1) 2.4KW dimmer.

**House lights:** auto-transformer dimmers, remotely controllable

**Stage work lights:** florescent, non-dim

**Seating:** (265) upholstered, padded chairs, with inter-lock (per fire code) for the house floor. These are individual chairs and can be reconfigured, as needed.

## **Stage lighting equipment:**

### **Instruments:**

Quantity	Watts	Description	Focal Len.	Lamp
8	575	Altman 360 Q Ellipsoidal	6x9	FLK
20	600	Altman 360 Q Ellipsoidal	6x12	GLA
8	600	Altman 360 Q Ellipsoidal	6x16	GLA
4	600	Altman 360 Q Ellipsoidal	6x22	FLK
20	750	Altman 65 Q 6" Fresnel	N/A	BTN
3	300	PAR36 cans	N/A	PAR36
6	300	PAR56 cans	N/A	PAR56
4	1000	PAR64 cans	N/A	PAR64

### **Hanging positions:**

- (4) booms, front of house balcony;
- (2) battens above stage, 31' 6 " long, 15 ' 8" above the deck

### **Control:**

- (36) 2.4KW dimmers (DMX512);
- (1) 48-ch, multi-mode, computer-assisted light control board, with CRT display, disk storage, 8 pages of 34 sub-masters (DMX512)
- (1) back-up control board (2-sc x 8-ch / 1-sc x 16-ch) (DMX512)

### **Cable:**

(5) multi-circuit stage pin cables (to permanent hanging positions); various lengths of single-circuit stage-pin cable; various Edison-to-Stage-Pin and Stage-Pin-to-Edison adapters.

Instrument Hanging Location	No. Circuits	AWG
House Right FOH Boom	10	14
House Left FOH Boom	12	14
First Electric Batten	8	12
Second Electric Batten	16	12

## **Stage Lighting Repertory Plot**

A standard repertory lighting plot is maintained for the convenience of production companies. Refer to the repertory lighting plot CAD drawing for details and current circuit and dimmer assignments. In general terms, the "rep" plot consists of nine acting areas, three down-stage, three mid-stage and three up-stage. The down-stage areas are lit from FOH box booms in the balcony, and have four instruments per area, to provide color control (warm/cool). All other areas have two instruments per area. High side lights, in amber, are provided at the ends of the on-stage electric battens. A down-light wash in primary blue is provided on each of the battens.

### ***Stage Lighting Notes***

Note: If you are not familiar with handling precautions for compact filament lamps (ETC SourceFour style, ANSI codes FLK, GLA), please ask for additional instruction. These filaments in these lamps are very fragile when lit. Any abnormal lamp failures will be billed to the renter.

### ***Control Room:***

- (1) Peavey Unity 1002 8-ch audio control board
- (1) Gemini Dual-well CD Player,
- (1) Dual-well Cassette Player,
- (1) Lexicon MPX 500 Reverb/Effects,
- (2) Ashly 2-ch Copressor/Limiter,
- (2) dbx PB48 audio patch bays

### ***FOH Speaker System:***

- (6) FBT Maxx2 FOH speakers (fixed locations),
- (3) QSC Audio Model RMX 1450 2-ch x 280 W amplifier,
- (1) dbx DriveRack 240 Speaker Processor

### ***Monitor Speaker System:***

- (2) JBL SF12M monitor speakers for the Stage;
- (2) "no-name" monitor cabs for the Dressing Rooms;
- (1) QSC Audio Model 41 2-ch x 350 W amplifier;
- (1) QSC Audio Model 21 2-ch x 120 W amplifier,

### ***Other Equipment:***

- (1) permanently installed 24-ch x 4-ch audio "snake",
- (3) Shure SM58 microphones,
- (3) microphone floor stands,
- (1) lectern.

### ***Clear-Com compatible Intercom System:***

- (4) belt-pack headset stations,
- (1) in-wall headset station (down stage left wing),
- (1) handset station in the box office (to be installed)
- (5) headsets.

### ***Ring-Down Intercom System***

A ring-down telephone intercom system is provided, with two groups of extensions. Ring-down may be initiated between groups. One group consists of Light Control Room, Sound Control Room and Stage Manager (back stage, SL). The other group consists of Green Room, Dressing Room1 and Dressing Room 2.

***Fly space:*** 22' from the stage floor to the roof rafters. The three drop battens will accommodate a 21' high drop. The battens are 30' long (width). There is *not* sufficient height to fly out a full-size drop.

***Fly rigging:*** (2) electric battens, dead hung, (3) drop battens, manual hemp system with a pin rail (up stage right wing)

***Curtains:*** Main curtain, and valence. Center parting style.

***Piano:*** Upright piano, on the house floor level.