



RIALTO

T H E A T E R

Technical Inventory

Updated May 2021

Load In

The Rialto loading doors open into the side stage left loading area. The alley can be blocked for loading and unloading only. There is no adjacent parking or provision for shore power.



Stage Dimensions

The width of the proscenium is 29'6". From the lip at center stage to the upstage traveler is 18'; to the back wall is 22'. The pit measures 29' long. Its width ranges from 3' at each end to 7' at its midpoint; it is semi-circular in shape. There is 5 feet of wing space stage right. A much larger wing space is located stage left with a separate loading door.



Draperies/Rigging/Stage

The stage is equipped with upstage and midstage black travelers, two sets of legs and a burgundy main drape, all dead-hung. There are 6 counterweighted lines: front valance, 1st electric, a midstage scenery line set, 2nd electric, and two upstage line sets to accommodate a drop and the cyclorama cloth. Maximum weight on these lines is 200 pounds. An additional hand/drill operated 2500lb. winch line, currently in use to fly a LED panel video wall, is upstage of the upstage traveler. The Rialto stage is a high-gloss blond maple. A **Rosco Dance Floor** is available in black for an additional fee. No drilling or lagging of the stage floor is permitted. Eight interlocking, skirted 4 x 4' aluminum platforms of adjustable height are available.

Power

There is *no disconnect service* for single or three phase power. Please be aware of this power limitation and plan accordingly. 160 amps of Edison-type wall outlets are available onstage, in addition to 200 amps of dimmer power. Sound and lighting systems are powered on discrete grounds.

Intercom

There are **Telex Audiocom** intercom headsets available at all tech positions and in the dressing areas. Backstage areas and green room are serviced with stage video and program audio. Paging is available to the green room, backstage areas, and the under-stage dressing rooms from the Stage Manager's position SL. In addition, there are 8 wireless **Eartec UltraLite** headsets which operate independently or together with the wired Telex system.



Instruments

The Rialto maintains a **Yamaha C7 7'6"** Grand Piano and house technician along with a **Yamaha P200** 88-key digital piano. Backline can be procured for an additional fee.



Lighting

Control

Theatrical lighting at the Rialto is controlled from an **ETC Ion XE20** Lighting Console. The **ETC Sensor 96 Dimmer Rack and CEM3** provide control of 62 dimmer channels across 70 circuits, incorporating two universes of DMX and ETC Net3 network control. Four floor-pocket stage-pin outlets are available in each wing. An **Elation DMX splitter** offers additional isolated DMX output.



Batten Positions

There are two flown counterweighted electrics overhead with sidelight ladder extensions and one dead-hung upstage electric for cyc lighting, all trimmed at a nominal 17' height. The FOH catwalk throw is 65'. There are no box boom or balcony rail positions.

Lighting Inventory (see reparatory plot)

16	ETC	575	Parnel	Tungsten Wash
6	ETC	140 LED	Selador Desire	LED D60 Lustr+ Wash
5	ETC	575	Source 4	19° Ellipsoidal
6	ETC	575	Source 4	10° Ellipsoidal
6	ETC	WRD LED	Source 4	19° Ellipsoidal
3	ETC	140 LED	Source 4	Series 2 LED Lustr+ Ellipsoidal 10°
12	ETC	575	Source 4	36° Ellipsoidal
2	ETC	140 LED	Source 4	Series 2 LED Lustr+ Ellipsoidal
6	Chauvet Ovation	150 LED	C640-FC	LED Dual Cyc Light
4	Martin	250 HID	Mac 250+	Entour Moving Light
4	ETC	Spot Jr	Colorsource	Spot
4	Chauvet	Beam	Rouge R2x	Moving Beam
8	Chauvet	Spot 360	Intimidators	Moving Spot
6	Monoprice	LED	Pro Audio	252 bulb RGB Light Bar
4	StageRight	LED360W	Wash	Focusable LED Wash Moving
10	Generic	Beam	Beam 230	Beam Moving Head
1	Altman	100 HID	Comet	Follow Spot
1	Lycian	250 HID	Super Arc 400	Follow Spot
2	Chauvet	AmHaze	Stadium	Water based hazer

Sound

The Rialto sound system is compatible with theatrical and musical programs where sustained sound pressure levels do not exceed 100dB, C-weighted. Please observe this limit to insure against injury to the system or our patrons.

Console

Console is a **Yamaha CL5** digital mixer connected with a **Rio 3224-D** stage box via **Dante** networking.



Mains, Subs, Fills and Center

Mains consists of (2) **Alcons Audio LR7** 8-box line arrays flown HR and HL and (3) **Alcons BF362iMKII** subs ground-stacked in the orchestra pit. Subs are aux fed on a dedicated matrix. Power amps are **Alcons Sentinel 3/10**. System controller is the **Alcons Alcontrol** software. Front fill is provided by (2) **Alcons SR9** speakers located under the stage lip. An **Alcons 24W Cimemarray** center fill is hung from the interior top of the proscenium. All reinforcement components utilize digital audio signals via AES/EBU inputs and outputs. Digital 5.1 cinema surround sound is processed by a **USL JSD-60 Cinema Processor**.



Monitors

Stage monitors consist of (7) powered **RCF NX12SMA** 700w coaxial 2-way 60-dgree wedges, (2) **EAW MK8196** sidefills and (1) **QSC KW181** 1000w powered drum sub. Four stations of **Furman HR-6** six-channel wired personal monitor are also available, with headphones. User-provided earbuds can also be accommodated. A **Soundcraft Si Expression 1** is available as a monitor console.



Mobile System

A mobile system is comprised of (8) **QSC KLA12** 12" 2-way Loudspeakers, (4) **QSC KLA181** 18" 1000W Powered Subwoofers, and a **Soundcraft Si Expression 1** digital console with a **Soundcraft Mini Stagebox 32i** digital snake.



Outboard Rack (FOH)

1	Denon	700	CD/mp3 Player w/USB
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Mic Locker

4	Shure	(2)ULXP, (2)ULX-D RF Systems, SM58 or Lav
8	Shure	SM 58
8	Shure	SM 57
2	Shure	SM94
2	Shure	SM81
1	Shure	Beta 58
1	Shure	Beta 87A
1	Shure	Beta 52A
1	AKG	535
1	AKG	D112
1	Heil	PR 28
4	Sennheiser	e604 w/ tom-mount clips
2	Audio-Technica	Pro 25
1	AKG	D 112
4	Sennheiser	E 604
1	AKG	C 535 EB
2	Sennheiser	MD421 II
2	Audix	SCX25A Large Diaphragm Condenser
3	Audix	D1280 Mininature Condenser
2	Bartlett	PCC Condenser
1	Countryman	D6
2	Countryman	Type 85 Active DI
2	Radial	Stereo JDI DI
4	Radial	JDI DI
1	ProCo	A/V Stereo DI
16	K and M	Pro Line Tall Boom Tripod Mic Stand
18	K and M	Pro Line Short Boom Tripod Mic Stand
2	Atlas	Roundbase Straight Stand
4	K and M	K&M 26085 One-hand Microphone Stand (straight with round base)

Video

Live Stream

The Rialto is equipped with 3 stationary **Aida PTZ-NDI-X12** cameras, **Skaarhoj PTZ Fly** camera controller, and **Blackmagic Design ATEM 1 M/E Production Studio 4K** switcher with a **Blackmagic Design ATEM 1 M/E Advanced Panel** control surface. Basic IMAG can also be accomplished. Graphics and other overlay content is created and presented through **Livestream Studio 6**. The Rialto Theater uses **Vimeo** as our live streaming platform.



Presentation and IMAG

All presentation and image magnification is typically accomplished with a 16' x 10' LED panel video wall, owned by and used in partnership with Rez.church. This video wall is comprised of **Blizzard IRiS R3** 500 x 500 x 95mm tiles with 3.9mm pixel pitch, and is flown upstage of the upstage traveller. The LED wall is driven by a **Novastar** processor. Industry standard presentation software such as **QLab** and **ProPresenter** are used to control displayed media.



Cinema

A projection booth at the upper rear of the house is equipped with an **NEC NC900A** DCI-compliant digital cinema system. Throw is 75' to the 12' x 24' motorized **Da-lite** cinema screen which lands just upstage of the grand drape.



Additional Technical Information

Contact **Phil Baugh** at **970-962-2123** or email Phil.Baugh@cityofloveland.org