

August 2021



LE LYCÉE FRANÇAIS DE LOS ANGELES  
THÉÂTRE RAYMOND KABBAZ

# TECHNICAL PACKET

## Theâtre Raymond Kabbaz

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## LIGHTING

### REP PLOT

Theâtre Raymond Kabbaz provides cool, warm, and neutral washes. Back washes on Cyc include blue, red orange and white. Front and down washes are available in different colors, but modified, depending on ongoing productions. 10 Specials are available but involve time and crew and will be reflected in invoice and/or must be pre-approved on Artist's tech rider. Specific colors and templates need to be provided by user.

The Rep Plot is configured to ETC's proprietary **Dimmer Doubled System**. 84 dimmers D20, 2400W each. The **dimmer doubling system** allows you to use 168 1200 Watts dimmer.

### INVENTORY

| Instruments                              | Total |
|--|-------|
| 19° Source Four 750W                     | 23    |
| 26° Source Four 750W                     | 36    |
| 36° Source Four 750W                     | 23    |
| 50° Source Four 750W                     | 12    |
| Source Four PAR 750W                     | 60    |
| Orion Floor 1000W                        | 18    |
| Iris3 w/yoke 1000W (Cyc back wash)       | 6     |
| Strong Trouperette III followspots 1000W | 2     |
| Elation Platinum Spot 5R Moving lights   | 4     |
| Chauvet COLORado 1-tri Tour              | 9     |
| Source Four Color Frame                  | 100   |
| Pattern Holders B size                   | 60    |
| ETC Multiplexers/double dimmer           | 100   |
| ETC ion 1000 output lighting controller  | 1     |
| ETC FADW2x10 Universal Fader             | 1     |
| 19" LED monitor with DVI                 | 2     |
| Port location Up Stage Right in Wing     |       |
| Black safety cable                       | 156   |
| S4 Drop-In Iris Kit                      | 2     |
| S4 Donut                                 | 24    |
| S4 Top Hat                               | 48    |

|  |    |    |
|--|----|----|
| S4 Half Hat  | 30 |    |
| S4 PAR Barn Door                                   | 30 |    |
| S4 PAR Weighted Base                               |    | 12 |
| S4 PAR Color Frame                                 | 60 |    |
| ETC C- Clamp                                       |    | 60 |
| Side Pole 15 ft with floor bases                   |    | 4  |
| Side Pole 10 ft with floor bases                   |    | 5  |
| 400 PH-B   | 96 |    |
| Floor stands                                       | 12 |    |
| All lights have L5-15p connectors                  |    |    |
| Except 2 Source Four Pars/ 1 50° Source Four 750W  |    |    |
| and 1 Orion floor 1000W (regular plugs w/ground)   |    |    |
| Cables: 10'  | 23 |    |
| Cables: 25'  | 48 |    |
| Cables: 50'  | 24 |    |
| 2-fers   | 43 |    |
| Dimmer-doublers                                    |    | 88 |
| Approximately 85% lights on Rep and 15% in storage |    |    |
| Haze Machine                                       |    |    |
| Chauvet HURICANE HAZE 20                           |    |    |

## **CHANGES/ADDITIONS**

Deviation from the house rep plot, beyond the three focusable specials requires submission of a legible light plot, instrument schedule, and color list to Théâtre Raymond Kabbaz.

When bringing in equipment, it is the user's responsibility to ascertain compatibility with all Théâtre Raymond Kabbaz electrical and/or audio systems.

For rentals: Only Théâtre Raymond Kabbaz/Lycée Français employees are allowed in the catwalks. Only Théâtre Raymond Kabbaz/Lycée Français employees can hang, circuit and operate our lighting equipment (including our lighting console and our followspots).

GOBOS – Gobos can be used at Théâtre Raymond Kabbaz. B Size Patterns.

## **STAGE**

### **DIMENSIONS**

Opening is 29' wide by 13' high.

Stage without pit extensions is 29' wide by 20' deep by '15" high (to the lowest lights)

Stage with one set of extensions (4 times 8' by 4') is 24 'deep by 32' wide in pit

Stage with two sets of extensions (2 times (4 times 8' by 4')) is 28' deep stage and pit by 32' wide in pit.

Pipes can go up to a 24.5' high

Total stage high is 27'.

## WINGS

Right wing is 9' wide by 19' deep

Left wing is 19' wide by 19' deep

There is no crossover if using stage up to back wall. Crossover can be made behind Cyclorama which is 5 feet from back wall, or behind black curtain, 2 feet from back wall. Walk through the back of the theater takes 2 minutes from one wing to the other.

## LOCKING RAIL

Counterweight system located stage right.

Stage floor is covered 1/4 Masonite. Extension floor is Tuff-deck smooth surface.

Marley floor may be available (rented) but must be included and pre-approved on Artist's tech rider.

## DOORS

Set assembly is allowed in the facility, but set construction is NOT. The user must bring in all tools. The stage load-in door is located in front house, 7'2 high by 3'5 wide. Main Entrance door are 5'9 by 7'11.

Elevator for wheelchairs, from house to stage, access on stage left.

## PIT

Not an orchestra pit. Just the space between the front of the stage and the audience: 40' wide by 8.5' deep, 2.5' lower from stage. When double stage extensions are used, first row of house seats is not useable.

## PAINTING

Painting is NOT allowed inside the facility. Limited touch-up painting is allowed, provided that the stage is properly taped to protect surface. Spray painting is NEVER allowed.

Théâtre Raymond Kabbaz staff will not do the actual painting, however, the Théâtre Raymond Kabbaz T.D. must supervise the work.

## DRILLING

The stage may be drilled with drywall screws. Lag screws and Barrel Bolts may be used with the T.D.'s approval. Lag screw holes and Barrel Bolt holes must be filled with the proper sized wooden dowels.

The pit extension may not be painted, nor drilled.

## **SOFT GOODS/RIGGING/MOVIE SCREEN**

The Théâtre Raymond Kabbaz's Main Curtain is a two-piece 15' by 30' medium red velour that travels from side to center, landing approximately 2.5' upstage of the pit (without extension). It is an automatic pull and may only be traveled by Théâtre Raymond Kabbaz Staff. The Main Curtain is never removed.

Théâtre Raymond Kabbaz has a 19" high by 38' wide white Cyclorama located 5' downstage of the upstage wall. It is a manual pull that travels stage right to stage left, and may only be traveled by Théâtre Raymond Kabbaz Staff.

Théâtre Raymond Kabbaz house hang has three 35' by 8' oz. black velour borders and three pairs of 6' by 18' black velour legs.

The theatre also has one Traveler two-piece 29' by 14' black velour full stage drop, manual travel from sides to center, and a 35' by 18' upstage black curtain, 2 feet downstage of the upstage wall, travels up and down.

Relocating soft goods and/or dead-hung pipes is an additional labor cost and must be pre-approved by TD.

All special rigging requirements must be discussed and approved by the Technical Director prior to load-in. Rigging materials must be provided by user and approved by the T.D.

A non-perforated movie screen 15' by 28', automatic pull down and up, is located 4' upstage from pit.

## **BACKSTAGE**

Théâtre Raymond Kabbaz has two 11' by 13' dressing rooms backstage. Each has a comfortable capacity of 7 persons, and is equipped with 7 lighted make-up mirrors, a sink, a shower and toilet facilities, and wheelchair access. Each has sound monitor from stage.

Théâtre Raymond Kabbaz has a 12' by 14' Green Room with sound and video monitors from stage.

Please do not tape or adhere anything to the walls. Please do not hang anything from the lighting fixtures. No plastic bags near the mirror lights.

All hallways and doorways backstage must be unobstructed, with a clear path of egress, at all times.

There are two standard doors that can be used for entrances during performances. One is upstage right leading from the dressing rooms, the other is upstage left leading from the backstage hallway.

There is also space, 17' by 9', backstage between the dressing rooms to the stage door, stage right, with access to the house and pit.

There is an access from the Hallway to the pit and house, stage left.

The Stage Manager Console (includes monitor and Clear Com System) is located Stage right.

## **SOUND**

House Mix Location is upstairs in open sound booth. **Mix location will not be moved.** However remote iPad control is available.

Two (2) Event PS8 Powered Monitors available at FOH mix position.

Discrete 5.1 monitoring in house is possible.

### **Speakers**

#### **FOH**

(Left Right, 2 Center, 2 Subs, Center Fills)

Three (3) L-Acoustics ARSC Focus Full Range Speakers and One (1) L-Acoustics ARCS Wide – 2 Way Constant Curvature WST Enclosure 3 5XT-2 2-way Passive Coaxial 5" Loudspeaker

Two (2) L-Acoustics SB15M Subwoofer

Seven (7) EAW SM200iH Monitor Speakers

### **Movie Screening**

Four (4) EAW JF100E Full Range Speakers (House rear surround)

Two (2) EAW JF260Z Full Range Speakers (House side surround)

### **Amplification**

#### **FOH**

Two (2) L-Acoustics LA4X 4x x1000W

Three (3) QSC PLX 2402 Stereo Amplifiers and one (1) QSC PLX 3002 Amplifier (Monitor wedges)

### **Movie Screening**

7.1 capability HDMI input

One (1) Denon DN-700AV Amplifier Controller for surround sound distribution

Two (2) QSC PLX 1602 Stereo Amplifiers (Side surround loudspeaker locations)

One (1) QSC CX 204V amplifier (Back of house loudspeakers surround speakers)

### **Console**

One Yamaha QL5 digital mixing console with iPad remote control.

Mix channels: 32 mono (expandable to 64 with rental RIO rack), 8 Stereo.

Busses: 16 aux, 8 matrix.

(Available: One (1) Midas Verona 320 console.

32 channels - 24 mono, 8 stereo input channel 8 Group Outputs, 8 Aux sends.

### **Speaker management**

All FOH and monitor EQ - BSS Blu 160 Networked Digital Signal Processor with London Soundweb and L-Acoustics LA Network Manager, controlled by a wireless Microsoft Surface Pro.

### **Outboard Gear**

Two (2) DBX 160A Compressor Limiters

One (1) DBX 1066 Dual-channel Compressor/Limiter/Gate

Two (2) DBX Dual 15 Band Graphic Equalizer

One (1) Lexicon MX400XL Stereo effects processor

One (1) Lexicon MPX 100 effects processor

One (1) Numark CDN 450 Dual CD Player w auto pause

One (1) Tascam CD-RW 5000 Cd rewritable/player

### **Microphones available:**

One (1) Shure UR4D- Dual-channel UHF Wireless Receiver

Two (2) Shure UR1 wireless beltpack transmitters

Two (2) Shure UR2/SM58 wireless handheld microphones

One (1) Shure Beta 87c Capsule for UR2

One Shure lavalier mic

Two Countryman E6 lavalier microphones

One Shure headset mic

Two (2) AKG C1000 S Small-Diaphragm condenser microphones

One (3) AKG Crown PCC 160 Boundary Microphone

Two (2) Shure KSM 141 DSL Dual-Pattern Condenser Microphones

Two (2) AKG C414B – XLS

Six (6) Shure SM 58  
Six (6) Shure SM 57  
Three (3) Audix D2 with drum mounts  
One (1) AKG D112  
Three (3) Sennheiser E 845 Dynamic microphones  
Three (3) Radial Pro DI -passive direct Boxes  
Two (2) Radial J48 – active direct boxes  
Three (3) ProCo IMP-2 passive direct boxes

We also have the following equipment:

Seven(7) straight mic stands  
One (1) small straight mic stand  
Four (4) small boom stands  
Two (2) tall boom mic stands  
Five (5) regular boom mic stands  
One (xsmall) boom mic stand  
Two (2) small drum mic stand

All microphone runs are hardwired to the patchbay at the rack in the control booth. Mic inputs from 1 to 16 and from 25 to 40 are connected to the console. Mic inputs from 17 to 24 in the patchbay. There is a 70V Stage Monitor System (overhead stage mic mix) feed to both dressing rooms, green room, lobby, and control room. Each area has a local wall-mount volume control. Video monitor is available in the green room, the lobby, and the control room. This set-up cannot be changed.

The Theatre is equipped with a Ear hearing impaired system, focused at the middle 11 seats in the first three rows of the balcony. There are 15 Body Receivers and headsets. This system takes a feed off the board. This configuration cannot be changed.

The Theatre has a Clear Com System. There are two available discreet channels (A, and B). Most of the belt packs for the system are single channel. There are 5 headsets, 3 telephone handsets supplied, and 2 Portable “Wedge Shaped Box” stations.

Clear Com A & B inputs locations:

Two in Control room (sound space and light space)  
House Center  
DSR, DSL, USR, USL.

Only Théâtre Raymond Kabbaz Staff are allowed to configure and operate our sound equipment. A Sound Operator must be hired whenever our sound system is used. A Sound Operator must be hired whenever sound load-in, set-up, redesign, or load-out exceeds simple microphone set-up.

Worklight rehearsals do not include the use of the house sound system.

SOUND EQUIPMENT MANUALS AVAILABLE ON REQUEST.

## **VIDEO + PROJECTION**



The camera feeds the various monitors, the VCR and the video outlets with a video signal only (no audio, no RF) Audio is supplied to the VCR for recording purposes via a split of the house monitor microphone. This system is strictly closed circuit distribution of the stage shot to the Lobby, the Green Room, and the Stage Manager's Console, and for basic archival recordings of performances. Any high quality video recording will need to be done separately and must be pre-approved by Théâtre Raymond Kabbaz.

There are video lines available on the DSL and DSR audio panels for extra monitors on deck, if necessary.

### **Projector**

The theater is equipped with a Barco SP2K9S Projector.

- Native resolution is 2K (2,048 x 1,080)
- RGB laser illumination with 8,000 lumens of output
- All DCP frame rates up to 60FPS supported
- Projector is 2-D only; the theater does not have any 3-D system
- Supports HDMI input at resolutions and frame rates up to 1080p60.
- More specs can be found here: <https://www.barco.com/en/product/sp2k-9/specsheet>

### Dolby IMS3000 DCP Server

- 10.8 TB of DCP storage available (approximately 70-80 features)
- Serial number for KDM issue is 369526
- System supports 5.1 and 7.1 audio playback

The theater is also equipped with a Christie DHD670-E professional HD projector (5800 lumens, 1920\*1080 resolution). DVD, S-video, HDMI, Computer inputs for movies or powerpoint presentations, also used for Subtitles, projected on a 3' by 10' wood panel above stage.

Also available a OPTOMA GT1080DarBee DLP projector.

### **Video**

One (1) OPPO Blu ray player BDP-103

One (1) Sony DVP NS 300 CD/DVD player

One (1) Panasonic Blu-Ray player DMP DB1210

One (1) Toshiba DVD player XDE 600

One (1) DENON DN-700 AV AV surround Pre-Amplifier for surround sound distribution 7.1

1 APHEX Dist Amplifier 120A 1-IR, 2-Clearcom, 3 Video, 4-70v Dist Hearing impaired devices

A non-perforated movie screen 15' by 28', automatic pull down and up, is located 4' upstage from pit

Two (2) 55" Toshiba ct 90325 TVs located on each side of stage and used for power point presentation, sponsors display, subtitles, both are connected to a Mac computer stage right.