



TECH RIDER 2023

FOH Speakers

- Please provide a professional Line array system with proper sub bass to evenly cover all areas venue with adequate headroom and an average SPL of 90-110db. The system will be configured in full stereo, must be in phase and respond evenly from 40 Hz to 16000 Hz. Please make sure system is time aligned and tuned in advance of soundcheck. The PA system must not have any buzzes, hisses, crackles or any other disruptive noises

FOH Console

- Provide console capable of having a minimum of 96 inputs
- Prefer Yamaha Rivage PM7 or PM10 with latest software revision
- Provide 2- 64 channel Stage Boxes with Neve Preamp
- (Any other console must be approved in advance by David or Sound engineer)
- Provide appropriate snake from FOH to MON
- 1 switched SM58 for stage talkback
- Provide House engineer to assist our sound engineer

Monitor Console

- Provide console capable of having a minimum of 96 inputs
- Must be an AVID Venue S6L -32D or S6L-24D / 192 Engine with 7.1 software
- (Any other console must be approved in advance by David or Sound engineer)
- Provide Qty 2 – Waves extreme Server
- Console must have Waves v14 loaded (we have licenses)
- Provide Qty 2 – Avid stage 64x24 stage boxes
- Provide Proper 3 way analog split capable of channel counts according to input list
- 1 switched SM58 for stage talkback
- Provide House engineer to assist our sound engineer

Monitors

- Please provide Qty 7- Professional quality wedges per the stage plot (Meyer, L acoustics, or Martin).
- Please provide side fills per stage plot (or similar coverage) adequate enough to fill the whole stage
- Please provide Qty 2 – Hardwired Shure PH9W IEM packs

Wireless

- Please provide Qty-16 channels of wireless using Shure Axient or ULX-D per the input list
- Please provide Qty-10 PSM1000'S for 20 channels of stereo ears
- Please provide all the proper antenna distribution necessary to make both wireless and ears function properly (no rabbit ears)
- Please make sure proper RF coordination is done prior to soundcheck and checked throughout show by rf tech
- Please provide Earbuds as backup encase one of the musicians didn't bring there's
- Please provide enough AA batteries for soundcheck and show



General Sound Notes

- STAGE MUST BE COMPLETELY PATCHED, TESTED AND GENERAL LEVELS SET IN ALL MIXES BEFORE ARTIST ARRIVAL (NO EXCEPTIONS)
- Please provide mics per the stage input list – similar substitutes are acceptable
- Provide all the necessary xlr cables and stands to support the gig
- Provide 5 – 25 foot ¼ inst cables and 2 -15 foot ¼ inst cables
- Please provide 6’ plexi drum shield to surround Drums and 2’ plexi to separate amps from strings
- Please provide padded musician chairs for all symphony players

Clear Com

- Please provide working com between FOH and Monitors in advance of soundcheck

Purchaser signature & Date: _____

INPUT CHANNELS

Channel	INPUT	MIC	STAND
1	KICK IN	91	
2	KICK OUT	52	SMALL BOOM
3	SNARE TOP	SM-57	MED BOOM
4	SNARE BOT		MED BOOM
5	HAT	KM 137	MED BOOM
6	RACK 1	E604	
7	FLOOR 1	E604	
8	FLOOR 2	E604	
9	OH SR	AKG 414	TALL BOOM
10	OH SL	AKG 414	TALL BOOM
11	ELECTRIC BASS	RADIAL DI	
12	ELECTRIC GUITAR 1	E609	BAR
13	ELECTRIC GUITAR 2	E609	BAR
14	ACOUSTIC GUITAR	RADIAL DI	
15	MANDOLIN	ACTIVE RADIAL DI	
16	ACCORDIAN	RADIAL DI	
17	PIANO LOW	DPA-4099	MAGNETIC
18	PIANO HI	DPA-4099	MAGNETIC
19	KEYS L	STEREO RADIAL DI	
20	KEYS R	STEREO RADIAL DI	
21	TENOR SAX	SHURE CLIP ON BETA 98	WIRELESS RF-1
22	DAVIDS TRUMPET	SHURE CLIP ON BETA 98	WIRELESS RF-2
23	POP VIOLIN 1	DPA-4099	WIRELESS RF-3
24	POP VIOLIN 2	DPA-4099	WIRELESS RF-4
25	POP VIOLIN 3	DPA-4099	WIRELESS RF-5
26	POP VIOLA 1	DPA-4099	WIRELESS RF-6
27	POP VIOLA 2	DPA-4099	WIRELESS RF-7
28	POP CELLO 1	DPA-4099	WIRELESS RF-8
29	POP CELLO 2	DPA-4099	WIRELESS RF-8
30	DAVID ANNOUCE	SHURE SWITCHED 58	
31	GUITAR 2 VOCAL	SM-58	
32	LEAD SINGER 1	NEUMANN 105 HEAD	WIRELESS RF-9
33	LEAD SINGER 2	NEUMANN 105 HEAD	WIRELESS RF-10
34	LEAD SINGER 3	NEUMANN 105 HEAD	WIRELESS RF-11
35	LEAD SINGER 4	NEUMANN 105 HEAD	WIRELESS RF-12
36	LEAD SINGER 5	NEUMANN 105 HEAD	WIRELESS RF-13
37	GUEST SINGER 1	NEUMANN 105 HEAD	WIRELESS RF-14
38	GUEST SINGER 2	NEUMANN 105 HEAD	WIRELESS RF-15
39	TIMP 1	SENN 421	MED BOOM

40	TIMP 2	SENN 421	MED BOOM
41	TIMP 3	SENN 421	MED BOOM
42	GLOCK	KSM-32	MED BOOM
43	VIBES	KSM-32	MED BOOM
44	CONGA	BETA 98	
45	CONGA	BETA 98	
46	BONGO	BETA 98	
47	PERC OH	AKG 414 OR SIMILAR	TALL BOOM
48	VIOLIN 1'S	NEUM 184 OR SIMILAR	MED BOOM
49	VIOLIN 1'S	NEUM 184 OR SIMILAR	MED BOOM
50	VIOLIN 1'S	NEUM 184 OR SIMILAR	MED BOOM
51	VIOLIN 1'S	NEUM 184 OR SIMILAR	MED BOOM
52	VIOLIN 1'S	NEUM 184 OR SIMILAR	MED BOOM
53	VIOLIN 1'S	NEUM 184 OR SIMILAR	MED BOOM
54	VIOLA'S	NEUM 184 OR SIMILAR	MED BOOM
55	VIOLA'S	NEUM 184 OR SIMILAR	MED BOOM
56	VIOLIN 2'S	NEUM 184 OR SIMILAR	MED BOOM
57	VIOLIN 2'S	NEUM 184 OR SIMILAR	MED BOOM
58	VIOLIN 2'S	NEUM 184 OR SIMILAR	MED BOOM
59	CELLO'S	LARGE DIAHPRAM AKG	SMALL BOOM
60	CELLO'S	LARGE DIAHPRAM AKG	SMALL BOOM
61	CELLO'S	LARGE DIAHPRAM AKG	SMALL BOOM
62	UPRIGHT BASS	Qty 2- NEUM 185 Y'D	MED BOOM
63	UPRIGHT BASS	Qty 2- NEUM 185 Y'D	MED BOOM
64	FLUTE	NEUM 184 OR SIMILAR	MED BOOM
65	PICCOLO	NEUM 184 OR SIMILAR	MED BOOM
66	OBOE 1	NEUM 184 OR SIMILAR	MED BOOM
67	OBOE 2	NEUM 184 OR SIMILAR	MED BOOM
68	ALTO SAX	CLIP ON 98	
69	BARI SAX	CLIP ON 98	
70	CLARINET-1	SMALL DIAHPHRAM COND	MED BOOM
71	CLARINET-2	SMALL DIAHPHRAM COND	MED BOOM
72	BASSOON 1	SMALL DIAHPHRAM COND	MED BOOM
73	BASSOON 2	SMALL DIAHPHRAM COND	MED BOOM
74	BASS CLARINET	SMALL DIAHPHRAM COND	MED BOOM
75	FHORN 1	CLIP ON 98	
76	FHORN 2	CLIP ON 98	
77	FHORN 3	CLIP ON 98	
78	TRUMPET 1	CLIP ON 98	
79	TRUMPET 2	CLIP ON 98	
80	TRUMPET 3	CLIP ON 98	

81	BONE 1	CLIP ON 98	
82	BONE 2	CLIP ON 98	
83	BASS BONE	CLIP ON 98	
84	TUBA	??????	
85			
86			
87			
88			

CONSOLE INPUTS

Channel	INPUT	MIC	STAND
1	STAGE TALKBACK	SWITCHED 58	
2	FOH TALKBACK	SWITCHED 58	
3	DAVID TALKBACK	SWITCHED 58	
4	DRUMS TALKBACK	SWITCHED 58	
5	KEYS TALKBACK	SWITCHED 58	
6	COM - (DRY)		
7	Audience FOH House Left	Shure VP89	Short
8	Audience FOH House Right	Shure VP89	Short

CONSOLE OUTPUTS

1	QUE WEDGE		WEDGE	
2				
3	QUE PACK		STEREO	WIRELESS IEM
4				
5				
6				
7				
8				

MONITOR OUTPUTS STAGE 64 - 2

	Mixes	Mono / Stereo	Type
1	POP-VLN-2	STEREO	WIRELESS IEM
2			
3	POP-VLN 3	STEREO	WIRELESS IEM
4			
5	POP VIOLA 1	STEREO	WIRELESS IEM
6			
7	POP VIOLA 2	STEREO	WIRELESS IEM
8			
9	POP CELLO 1	STEREO	WIRELESS IEM
10			
11	POP CELLO 2	STEREO	WIRELESS IEM
12			
13	DAVID EARS	STEREO	WIRELESS IEM
14			
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