

Everybody

Audio Engineering Packet **Paul Green Theatre** **PlayMakers Repertory Company**

Production Stage Manager: Liz Elizabeth Ray

Assistant Stage Managers: Chuck Bayang

Sound Designer: Fabian Obispo

Audio Engineer: Brandon Reed

Sound Assistant: Marisa Clemente

Sound Board Operator: Karmen Black

Production Manager: Michael Rolleri

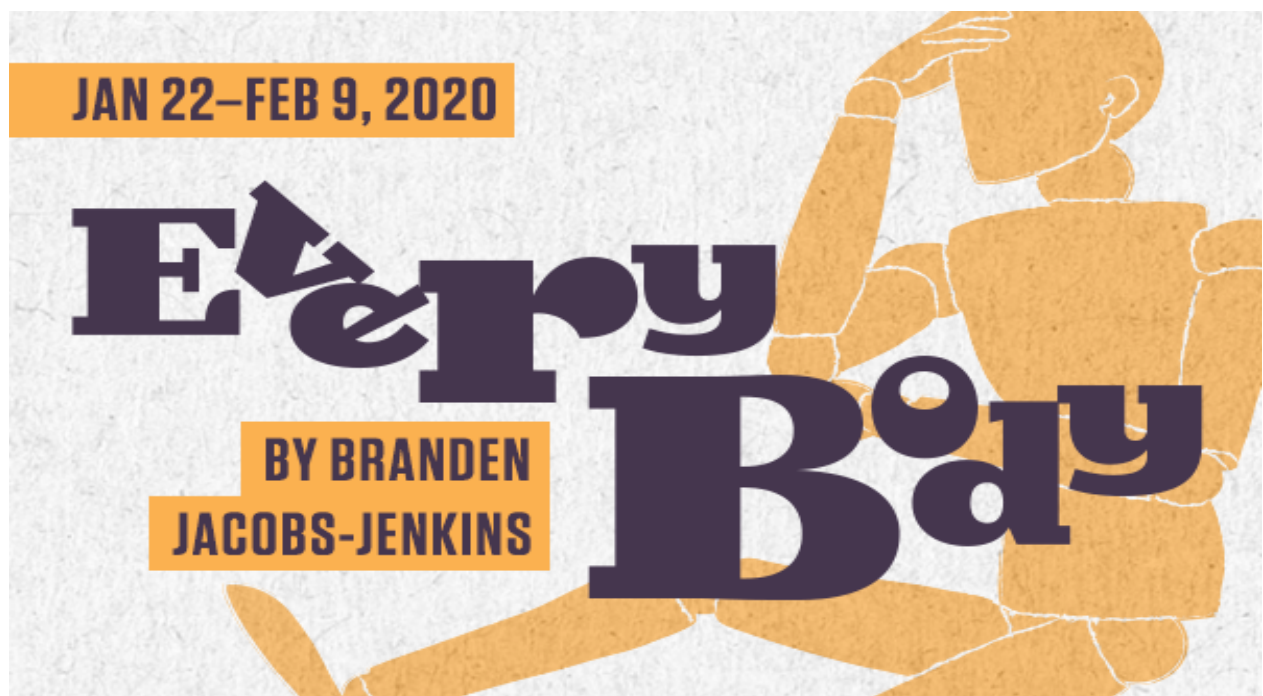
Audio Load-in: January 13th – January 16th, 2020

Tech: January 17th – January 20th, 2020

Previews: January 21st – January 24th, 2020

Opening: January 25th, 2020

Closing: February 9th, 2020



Console: Soundcraft Vi1											
Audio Interface: MOTU Ultralight MK3 (2) set up as an aggregated device.											
Input	Source	Device	Description	Port	Interface Out	Patch Out	Patch In	Console In	48V	Routing	Notes
1	QLab 1	Mac Mini	Main Left		MOTU (A) Out Main L	A01	Vi1 In 1	Mic/Line In 1	No	Aux 1	
2	QLab 2	Mac Mini	Main Right		MOTU (A) Out Main R	A02	Vi1 In 2	Mic/Line In 2	No	Aux 2	
3	QLab 3	Mac Mini	Main Center		MOTU (A) Out 1	A03	Vi1 In 3	Mic/Line In 3	No	Aux 3, 4, 5, 13, 14, 15	
4	QLab 4	Mac Mini	Sub		MOTU (A) Out 2	A04	Vi1 In 4	Mic/Line In 4	No	Aux 6, 7	
5	QLab 5	Mac Mini	Rear Left		MOTU (A) Out 3	A05	Vi1 In 5	Mic/Line In 5	No	Aux 8	
6	QLab 6	Mac Mini	Rear Mid Left		MOTU (A) Out 4	A06	Vi1 In 6	Mic/Line In 6	No	Aux 9	
7	QLab 7	Mac Mini	Rear Center		MOTU (A) Out 5	A07	Vi1 In 7	Mic/Line In 7	No	Aux 10	
8	QLab 8	Mac Mini	Rear Mid Right		MOTU (A) Out 6	A08	Vi1 In 8	Mic/Line In 8	No	Aux 11	
9	QLab 9	Mac Mini	Rear Right		MOTU (A) Out 7	A09	Vi1 In 9	Mic/Line In 9	No	Aux 12	
10	QLab 10	Mac Mini	Upstage Left		MOTU (A) Out 8	A10	Vi1 In 10	Mic/Line In 10	No	Aux 16	
11	QLab 11	Mac Mini	Upstage Right		MOTU (B) Out Main L	B01	Vi1 In 11	Mic/Line In 11	No	Aux 17	
12	QLab 12	Mac Mini	Upstage Center		MOTU (B) Out Main R	B02	Vi1 In 12	Mic/Line In 12	No	Aux 18	
13	QLab 13	Mac Mini	Trap Left		MOTU (B) Out 1	B03	Vi1 In 13	Mic/Line In 13	No	Aux 19	
14	QLab 14	Mac Mini	Trap Right		MOTU (B) Out 2	B04	Vi1 In 14	Mic/Line In 14	No	Aux 20	
15	QLab 15	Mac Mini	Phone		MOTU (B) Out 3	B05	Vi1 In 15	Mic/Line In 15	No	Aux 21	
16	QLab 16	Mac Mini	-		MOTU (B) Out 4	B06	Vi1 In 16	Mic/Line In 16	No		
17	QLab 17	Mac Mini	-		MOTU (B) Out 5	B07	Vi1 In 17	Mic/Line In 17	No		
18	QLab 18	Mac Mini	-		MOTU (B) Out 6	B08	Vi1 In 18	Mic/Line In 18	No		
19	QLab 19	Mac Mini	-		MOTU (B) Out 7	B09	Vi1 In 19	Mic/Line In 19	No		
20	QLab 20	Mac Mini	Feed		MOTU (B) Out 8	B10	Vi1 In 20	Mic/Line In 20	No	Aux 24	
21	Love (Maddie)	Shure ULXD w/ Countryman B3	Mic for reinforcement				Vi1 In 21	Mic/Line In 21	No	Aux 1, 2, 3, 4, 5	Different Element. Shared pack
22	Love (ZuZu)	Shure ULXD w/ Countryman B3	Mic for reinforcement				Vi1 In 22	Mic/Line In 22	No	Aux 1, 2, 3, 4, 5	Different Element. Shared pack
23	Talkback 1	Shure ULXP w/ Shure SM58 HH	Talkback Mic 1				Vi1 In 23	Mic/Line In 23	No	Aux 1, 2, 3, 4, 5	
24	Talkback 2	Shure ULXP w/ Shure SM58 HH	Talkback Mic 2				Vi1 In 24	Mic/Line In 24	No	Aux 1, 2, 3, 4, 5	
25	US Floor Mic	Crown PZM	Area Mic for reinforcement	Mic 6			Vi1 In 25	Mic/Line In 25	Yes	Aux 1, 2, 3, 4, 5	
26	Shotgun Mid L	Audio Technica AT8035	Area Mic for reinforcement	Mic 13			Vi1 In 26	Mic/Line In 26	Yes	Aux 1, 2, 3, 4, 5, 13, 14, 15	
27	Shotgun Mid R	Rode NTG-2	Area Mic for reinforcement	Mic 12			Vi1 In 27	Mic/Line In 27	Yes	Aux 1, 2, 3, 4, 5, 13, 14, 15	
28	Shotgun DS L	Audio Technica AT8035	Area Mic for reinforcement	Mic 9			Vi1 In 28	Mic/Line In 28	Yes	Aux 1, 2, 3, 4, 5, 13, 14, 15	
29	Shotgun DS R	Audio Technica AT8035	Area Mic for reinforcement	Mic 7			Vi1 In 29	Mic/Line In 29	Yes	Aux 1, 2, 3, 4, 5, 13, 14, 15	
30	Shotgun US L	Audio Technica AT8035	Area Mic for reinforcement	Mic 10			Vi1 In 30	Mic/Line In 30	Yes	Aux 1, 2, 3, 4, 5, 13, 14, 15	
31	Shotgun US R	Audio Technica AT8035	Area Mic for reinforcement	Mic 8			Vi1 In 31	Mic/Line In 31	Yes	Aux 1, 2, 3, 4, 5, 13, 14, 15	
32	SM Mic	Shure BLX w/ SM58	God Mic				Vi1 In 32	Mic/Line In 32	No	Aux 1, 2, 3, 4, 5, 13, 14, 15	

Soundcraft Vi1 Output Channel Assignments				
Output	Purpose	Console Routing	Device	Notes
Aux 1	Left	Line Out 1	Amp A - CH 1	
Aux 2	Right	Line Out 2	Amp A - CH 2	
Aux 3	Center Left	Line Out 3	Amp B - CH 1	
Aux 4	Center Center	Line Out 4	Amp B - CH 2	
Aux 5	Center Right	Line Out 5	Amp C - CH 1	
Aux 6	Sub HL	Line Out 6	Amp C - CH 2	
Aux 7	Sub HR	Line Out 7	Amp D - CH 1	
Aux 8	Rear Left	Line Out 8	Amp D - CH 2	
Aux 9	Rear Mid Left	Line Out 9	Amp E - CH 1	
Aux 10	Rear Center	Line Out 10	Amp E - CH 2	
Aux 11	Rear Mid Right	Line Out 11	Amp F - CH 1	
Aux 12	Rear Right	Line Out 12	Amp F - CH 2	
Aux 13	Delay 1/6	Line Out 13	Amp H - CH 1	
Aux 14	Delay 2/5	Line Out 14	Amp H - CH 2	
Aux 15	Delay 3/4	Line Out 15	Amp I - CH 1	
Aux 16	US Left	Line Out 16	QSC K12	
Aux 17	US Right	Line Out 17	QSC K12	
Aux 18	US Center	Line Out 18	Amp I - CH 2	
Aux 19	Trap Left	Line Out 19	Amp G - CH 1	
Aux 20	Trap Right	Line Out 20	Amp G - CH 2	
Aux 21	Phone	Line Out 21	Sennheiser EW G4	
Aux 22		Line Out 22		
Aux 23		Line Out 23		
Aux 24	Feed	Line Out 24	Cameras, recordings, and etc	
Left				
Right				
Center				
Mon L				
Mon R				
Mon C				
Mon 2L	Booth Feed	Mon 2L		
Mon 2R	Booth Feed	Mon 2R		

Purpose	Console Mix	Console Out	Patch Bay Out	Patch Bay In	Amplifier	Amp Out	Port	Speaker	Location	Notes
Main Left	Aux 1	Line Out 1	Vil Out 1	A1	(A) D&B D12 - CH 1	A1	SPKR 1	D&B E12-D	House Rep	
Main Right	Aux 2	Line Out 2	Vil Out 2	A2	(A) D&B D12 - CH 2	A2	SPKR 2	D&B E12-D	House Rep	
Center Left	Aux 3	Line Out 3	Vil Out 3	B1	(B) D&B D6 - CH 1	B1	SPKR 25	D&B T10	House Rep	
Center Center	Aux 4	Line Out 4	Vil Out 4	B2	(B) D&B D6 - CH 2	B2	SPKR 26	D&B T10	House Rep	
Center Right	Aux 5	Line Out 5	Vil Out 5	C1	(C) D&B D6 - CH 1	C1	SPKR 27	D&B T10	House Rep	
Sub HL	Aux 6	Line Out 6	Vil Out 6	C2	(C) D&B D6 - CH 2	C2	SPKR 24	D&B E15X	House Rep	
Sub HR	Aux 7	Line Out 7	Vil Out 7	D1	(D) D&B D6 - CH 1	D1	SPKR 6	D&B E15X	House Rep	
Rear Left	Aux 8	Line Out 8	Vil Out 8	D2	(D) D&B D6 - CH 2	D2	SPKR 4	D&B E0	House Rep	
Rear Mid Left	Aux 9	Line Out 9	Vil Out 9	E1	(E) D&B D6 - CH 1	E1	Home RUN	D&B E0	Grid corner near house left staircase	
Rear Center	Aux 10	Line Out 10	Vil Out 10	E2	(E) D&B D6 - CH 2	E2	SPKR 9	D&B E0	House Rep	
Rear Mid Right	Aux 11	Line Out 11	Vil Out 11	F1	(F) D&B D6 - CH 1	F1	Home RUN	D&B E0	Grid corner near house left staircase	
Rear Right	Aux 12	Line Out 12	Vil Out 12	F2	(F) D&B D6 - CH 2	F2	SPKR 7	D&B E0	House Rep	
Delay 1/6	Aux 13	Line Out 13	Vil Out 13	H1	(H) QSC 1400 - CH 1	H1	SPKR 20	D&B E6	House Rep	
Delay 2/5	Aux 14	Line Out 14	Vil Out 14	H2	(H) QSC 1400 - CH 2	H2	SPKR 23	D&B E6	House Rep	
Delay 3/4	Aux 15	Line Out 15	Vil Out 15	I1	(I) QSC 1400 - CH 1	I1	SPKR 19	D&B E6	House Rep	
US House Left	Aux 16	Line Out 16	Vil Out 16				Mic 1	QSC K12	Stage right behind brick wall	
US House Right	Aux 17	Line Out 17	Vil Out 17				Mic 2	QSC K12	Stage left behind brick wall	
US Center	Aux 18	Line Out 18	Vil Out 18	I2	(I) QSC 1400 - CH 2	I2	SPKR 14	JBL Control 8	Upstage center by wall	
Trap Left	Aux 19	Line Out 19	Vil Out 19	G1	(G) QSC 1400 - CH 1	G1	SPKR 17	JBL Control 5 (x3)	Left side under the deck for every direction	
Trap Right	Aux 20	Line Out 20	Vil Out 20	G2	(G) QSC 1400 - CH 2	G2	SPKR 16	JBL Control 5 (x3)	Right side under the deck for every direction	
Phone	Aux 21	Line Out 21	Vil Out 21					Sennheiser ew G4 w/ Miniwig Mini	Under seat E1.	
	Aux 22	Line Out 22	Vil Out 22							
	Aux 23	Line Out 23	Vil Out 23							
Feed	Aux 24	Line Out 24	Vil Out 24					Cameras, Recording, and etc.	N/A	

Type	Port	Input/Output	Notes
Console Inputs	Mic/Line In 1	MOTU (A) Out Main L	
	Mic/Line In 2	MOTU (A) Out Main R	
	Mic/Line In 3	MOTU (A) Out 1	
	Mic/Line In 4	MOTU (A) Out 2	
	Mic/Line In 5	MOTU (A) Out 3	
	Mic/Line In 6	MOTU (A) Out 4	
	Mic/Line In 7	MOTU (A) Out 5	
	Mic/Line In 8	MOTU (A) Out 6	
	Mic/Line In 9	MOTU (A) Out 7	
	Mic/Line In 10	MOTU (A) Out 8	
	Mic/Line In 11	MOTU (B) Out Main L	
	Mic/Line In 12	MOTU (B) Out Main R	
	Mic/Line In 13	MOTU (B) Out 1	
	Mic/Line In 14	MOTU (B) Out 2	
	Mic/Line In 15	MOTU (B) Out 3	
	Mic/Line In 16	MOTU (B) Out 4	
	Mic/Line In 17	MOTU (B) Out 5	
	Mic/Line In 18	MOTU (B) Out 6	
	Mic/Line In 19	MOTU (B) Out 7	
	Mic/Line In 20	MOTU (B) Out 8	
	Mic/Line In 21	Love Mic (Maddie)	
	Mic/Line In 22	Love Mic (ZuZu)	
	Mic/Line In 23		
	Mic/Line In 24		
	Mic/Line In 25	Upstage Floor Mic	
	Mic/Line In 26	Shotgun Mid L	
	Mic/Line In 27	Shotgun Mid R	
	Mic/Line In 28	Shotgun DS L	
	Mic/Line In 29	Shotgun DS R	
	Mic/Line In 30	Shotgun US L	
	Mic/Line In 31	Shotgun US R	
	Mic/Line In 32	SM God Mic	
Console Outputs	Line Out 1	(A) D&B D12 - CH 1	
	Line Out 2	(A) D&B D12 - CH 2	
	Line Out 3	(B) D&B D6 - CH 1	
	Line Out 4	(B) D&B D6 - CH 2	
	Line Out 5	(C) D&B D6 - CH 1	
	Line Out 6	(C) D&B D6 - CH 2	
	Line Out 7	(D) D&B D6 - CH 1	
	Line Out 8	(D) D&B D6 - CH 2	
	Line Out 9	(E) D&B D6 - CH 1	
	Line Out 10	(E) D&B D6 - CH 2	
	Line Out 11	(F) D&B D6 - CH 1	
	Line Out 12	(F) D&B D6 - CH 2	
	Line Out 13	(H) QSC 1400 - CH 1	
	Line Out 14	(H) QSC 1400 - CH 2	
	Line Out 15	(I) QSC 1400 - CH 1	
	Line Out 16	QSC K12	
	Line Out 17	QSC K12	
	Line Out 18	(I) QSC 1400 - CH 2	
	Line Out 19	(G) QSC 1400 - CH 1	
	Line Out 20	(G) QSC 1400 - CH 2	
	Line Out 21	Sennheiser EW G4 - LEFT	
	Line Out 22		
	Line Out 23		
	Line Out 24	Cameras, recorders, and etc.	

Amplifier	Channel	Purpose	Notes
Amp A	CH 1	Main Left	
D&B D12	CH 2	Main Right	
Amp B	CH 1	Main Center Left	
D&B D6	CH 2	Main Center Center	
Amp C	CH 1	Main Center Right	
D&B D6	CH 2	Sub House Left	
Amp D	CH 1	Sub House Right	
D&B D6	CH 2	Rear Left	
Amp E	CH 1	Rear Mid Left	
D&B D6	CH 2	Rear Center	
Amp F	CH 1	Rear Mid Right	
D&B D6	CH 2	Rear Right	
Amp G	CH 1	Trap Left	
QSC 1400	CH 2	Trap Right	
Amp H	CH 1	Delay 1/6	
QSC 1400	CH 2	Delay 2/5	
Amp I	CH 1	Delay 3/4	
QSC 1400	CH 2	Upstage Center	

#	Purpose	QLab CH	Interface CH	Console Output	Notes
1	Main Left	1	15	Aux 1	
2	Main Right	2	16	Aux 2	
3	Main Center	3	17	Aux 3, 4, 5, 13, 14, 15	
4	Sub	4	18	Aux 6, 7	
5	Rear Left	5	19	Aux 8	
6	Rear Mid Left	6	20	Aux 9	
7	Rear Center	7	21	Aux 10	
8	Rear Mid Right	8	22	Aux 11	
9	Rear Right	9	23	Aux 12	
10	Upstage Left	10	24	Aux 16	
11	Upstage Right	11	1	Aux 17	
12	Upstage Center	12	2	Aux 18	
13	Trap Left	13	3	Aux 19	
14	Trap Right	14	4	Aux 20	
15	Phone	15	5	Aux 21	
16	-	16	6	-	
17	-	17	7	-	
18	-	18	8	-	
19	-	19	9	-	
20	Feed	20	10	Aux 24	



Everybody - Start Up and Shut Down Procedure

Audio Engineer: Brandon Reed	C: (317) 914-0106	PlayMakers Repertory Company
Sound Assistant: Marisa Clemente	C: (704) 441-7004	Paul Green Theatre

PLAYMAKERS
REPERTORY COMPANY

Start Up

1	Turn on the wireless comm base station backstage.
2	Put fresh batteries into the wireless comm packs.
3	Turn on the backstage monitors in the dressing rooms and backstage left (on top of fridge).
4	Go to the booth and start turning on the sound equipment.
5	Turn on the computer monitor for the QLab machine.
6	Turn on Mac Mini A.
7	Turn on the Soundcraft Vi1 console.
8	Turn on both the wireless receiver and the wireless speaker transmitter (Sennheiser).
9	Turn on both MOTU audio interfaces. Reference the desktop to verify they are connected
10	Open the QLab session labeled, "Everybody - PlayMakers Repertory Company - FINAL"
11	Flip the key to it's "On" position. Wait for the amplifiers and monitor console to turn on.
12	Turn on the additional amp (I) on top of the monitor rack.
13	Go down stairs and turn on the speakers that are Stage Left and Stage Right. Verify that the volume is at it's spike mark.
14	Go back to booth. Grab the wireless speaker pack and make sure it's volume is at 6.
15	Grab the wireless speaker and attach it to the wireless speaker pack. Use bottom hole.
16	Grab the God Mic from the SM Station and put some fresh rechargeable AA batteries in it.
17	In QLab play the speaker check, take the wireless speaker and God mic and head down to the house to listen.
18	Speaker Check: Main Right, Main Center, Main Left, Rear Left, Rear Mid Left, Rear Center, Rear Mid Right, Rear Right, Subwoofers, Upstage left, upstage right, upstage center, trap left, trap right, wireless speaker.
19	If any of the speakers aren't working. Call Brandon or Marisa.
20	Turn on the SM God mic and test it in the house. Once you hear yourself turn it off.
21	Place the wireless speaker under seat E1 after the test.
22	Go back to booth. Put the SM God mic back. Plug in actor mics into their wireless packs.
23	In the QLab session, fire the test cues for both God and Death.
24	Test the child mic on the Soundcraft Vi1.
25	If none of the mics are working, please contact Brandon or Marisa.
26	Go put the actor microphones in their stations backstage. Make sure they stay on after the check.
27	Headset check with LX Board Op. Put the monitor console into "show" mode. REFER TO ATTACHED SHEET
28	Check the stage announce as well as god mic into each backstage monitor.
29	Once done put the monitor console back into "Mute" mode.
30	At house open, put the monitor console into "preshow" mode.
31	After we are in preshow go check with actor's to make sure their mics are put on properly.
32	Right before "5 to places" is called from Liz, put the monitor console into "Show" mode.
33	Standby to run the show.



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PLAYMAKERS
REPERTORY COMPANY

Shut Down

1	When show is over, wait for Liz to announce to cast backstage. When she is done put the monitor console into "Mute" mode.
2	Go turn off the backstage monitors in the dressing rooms.
3	Grab the wireless mics from their backstage positions.
4	Go down stairs and turn off the backstage monitor on top of the fridge.
5	Turn off both the speakers that are stage left and right.
6	Grab the wireless speaker setup from under seat E1.
7	Return to booth and drop off both the actors mics and the wireless speaker.
8	Put the batteries from the actor mics, wireless speaker pack, and God Mic on their chargers.
9	Turn off the QSC amp (I) on top of the monitor console.
10	Flip the key to it's "Off" position.
11	Close the QLab session.
12	Turn off the wireless speaker transmitter (Sennheiser).
13	Turn off the wireless receiver.
14	Turn off the MOTU audio interfaces.
15	Turn off the Soundcraft Vi1 console. Put the cover on to keep dust from getting on it.
16	Shut down the Mac Mini.
17	Turn off the computer monitor for the Mac.
18	Turn off booth blues.
19	Check in with LX Board Op about whose turn it is to take out the booth and backstage trash.
20	Turn off booth fluorescents.
21	Go backstage and take out the batteries from wireless comm, put them on charger.
22	Turn off the wireless base station.
23	Check in with Liz Ray about any other duties.