Musician	Group	Channel	Input	Mic/DI	Stand	Sub-Snake	48v	Notes
Chad	Drums	1	Kick	Shure Beta 52A	Internal			Internally suspended inside bass drum
		2	Snare	Shure Beta 56A	Clip			
		3	Hi-Hat	Shure SM137	Clip		YES	48V Phantom power provided by FOH
		4	Tom 1	Shure Beta 98AMP/C	Clip		YES	48V Phantom power provided by FOH
		5	Tom 2	Shure Beta 98AMP/C	Clip		YES	48V Phantom power provided by FOH
		6	Tom 3	Shure Beta 98AMP/C	Clip		YES	48V Phantom power provided by FOH
		7	Tom 4	Shure Beta 98AMP/C	Clip		YES	48V Phantom power provided by FOH
		8	Overhead Hat	Shure SM137	Stand		YES	48V Phantom power provided by FOH
		9	Overhead Ride	Shure SM137	Stand		YES	48V Phantom power provided by FOH
		10	Unused					
		11	Vox	Shure Beta 56A	Hang Stand			
John	Bass	12	John Bass	Behringer BDI 21	Direct			
		13	John Aux	Direct	N/A			
		14	John Vox	Shure Beta 58	Stand			
	Bluetooth	15	Bluetooth	Direct	N/A			
	Crowd	16	Crowd Mic Ride	Rodes	Stand		YES	48V Phantom power provided by FOH
Group	Vocals	17	Group Vocal		Stand	Front.1	YES	48V Phantom power provided by FOH
Jessica	Guitar Right	18	Jessica Acoustic	DI Box	Direct	Front.2		
		19	Unused					
		20	Jessica Vocals	Shure Beta 58A	Stand	Front.4		
		21	Unused					
Paul	Guitar Left	22	Paul Electric	Sennheiser E609	Amp Hang	Front.6		
		23	Paul Acoustic	DI Box	Direct	Front.7		
		24	Unused					
		25	Paul Vox	Shure 55SH	Stand	Front.9		
		26	Unused					
Kenzi	Keys	27	Kenzi Piano		Piano Stand	Front.11		
		28	Kenzi Keyboard		Piano Stand	Front.12		
		29	Kenzi Electric		Amp Hang	Front.13		
		30	Kenzi Acoustic	DI Box	Direct	Front.14		
		31	Kenzi Vox	Telefunken M80	Hang Stand	Front.15		
	Crowd	32	Crowd Mic Hi-Hat	Rodes	Stand	N/A	YES	48V Phantom power provided by FOH

Drum Snake

Input

1	2	3	4	5	6	7	8
Kick	Snare	Hi-Hat	Tom 1	Tom 2	Tom 3	Tom 4	Overhd Hat

9	10	11	12	13	14	15	16
Overhd Ride		Chad Vocals	John Bass	John Aux	John Vocals	Blue Tooth	Crowd Right

Output

1	2	3	4	5	6	7	8
Chad IEM L	Chad IEM R	John IEM					Main Right

Front Snake

Input

1	2	3	4	5	6	7	8
Group Vox	Jessica Acoustic		Jessica Vox		Paul Electric	Paul Vocals	

Paul Acoustic

9	10	11	12	13	14	15	16
Paul Vocals		Kenzi Piano	Kenzi Keys	Kenzi Electrc	Kenzi Acstc	Kenzi Vocals	Crowd Left

Output

1	2	3	4	5	6	7	8
New IEM		Paul IEM		Kenzi IEM			Main Left

Power Order

On	Off
M32C Mixer	
↓ 1	3 ↑
Drum & Front Boxes	
↓ 2	2 ↑
Right Speakerboxxx	
↓ 3	1 ↑
Left Speakerboxxx	

Mixer → Snake

Drum Snake	→	M32C Mixer
AES50 A		AES50 A

Front Snake	→	M32C Mixer
AES50 A		AES50 B

Mixer → Subs & Mains

Front Snake	→	Left Sub		Left Sub	→	Left Main
Main Left		Line A In		Line A Out		Hi-Z B In

Drum Snake	→	Right Sub		Right Sub	→	Right Main
Main Left		Line A In		Line A Out		Hi-Z B In
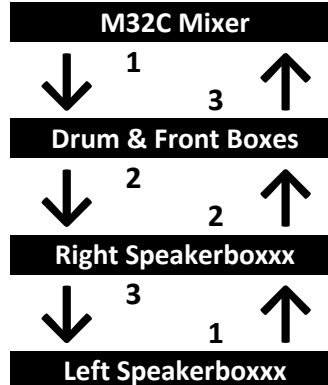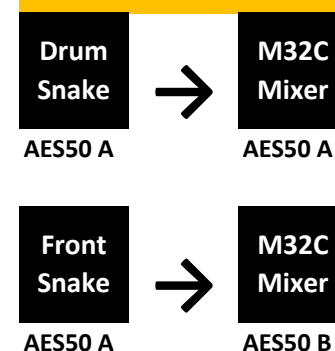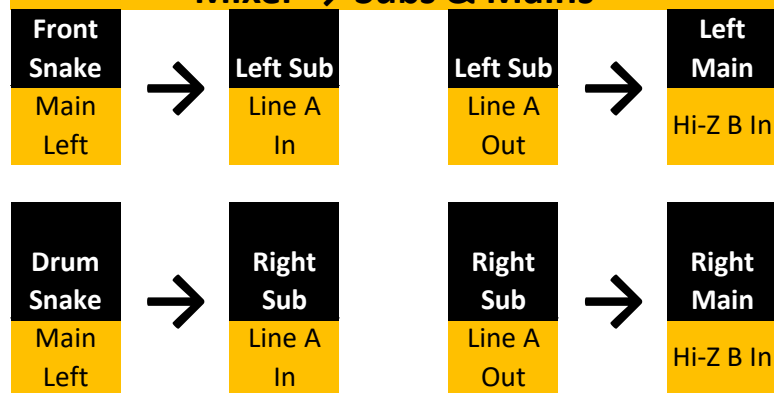
Notes

1	Chad's IEM channels are stereo
2	Paul's Port 1 of his IEM transmitter does not work
3	Colored cables are for the band (vocals & instruments)
4	Black cables are for utility (the PA and crowd mics)
5	Crowd mic cables are black with a right-angle connector
5	Use the Analog Snake to connect musicians to Front Box