

Mains:

AH mixer 'Left' → Bottom channel of dbx 1231 EQ → Horizon snake Channel-**D** → split at amp to QSC RMX-2450 amp Ch-1 → EV ELX112 speakers Left and Right (mono) AND front fill speaker AND unbalanced line input of Yamaha YST-SW205 Powered Subwoofer via inline transformer/converter

Monitors:

AH mixer Aux Send 1 → Top channel of dbx 1231 EQ → Horizon snake Channel-**B** → QSC RMX-2450 amp Ch-2 → 2 Yamaha S12Me & EV FM12-2A monitors daisy-chained-stage L-R

Audio to Mac: AH mixer Aux Send 4 (post-fader) → ~~dbx 1046 Comp/Limiter Ch4~~ → Maya22 USB converter → Hub → Mac USBC Port

Audio to effects: AH mixer Aux Send 5 (post-fader) → Mixer internal effects → Stereo1_Return

Effects to Mac: AH mixer St1_Return (post-fader) → AH mixer Aux Send 4

Snake/Mixer Input Channels

Input Channel	Mic/DI/Source	Details
1		
2		
3		
4		
5	Saxophone	AT2021 (cardioid, phantom)
6	Percussion	se2000 (side-addressed, phantom-power)
7	Vox LORI BLUE	Shure SM58 (cardioid, dynamic)
8	Vox VAL ORANGE	Shure SM58 (cardioid, dynamic)
9	Headset mic (PG30 wireless cardioid) via Shure PG1 bodypak transmitter	Shure PG88 receiver at mixer
10	HandHeld wireless SM58 mic w built-in xmtr	via PGX4 receiver at mixer (cardioid, dynamic)
11	Vox at piano	Audix OM3 hypercardioid dynamic
12	Piano mic under piano	AT2035 mic (phantom, cardioid, condenser)
13	Bass / guitar	Amp output (XLR M)
	DO NOT USE/MODIFY 14-16 - specific setups	
14	Audio from Mac, stereo	via Maya22 USB converter, line level, y'd mono
15	CD/DVD player at mixer OR Line-level input (computers, phones, mp3 players)	Sony DVP-NS325 CD-DVD player OR 3.5mm(mini) M TRS cable y'd mono
16	House mic – to Mac/recording only, pre-fader	cardioid, condenser, side-addressed, phantom

Additional mixer inputs used

AH mixer 'Stereo Return 1' ← internal effects return

Additional mixer outputs used

AH mixer 'B' output (unbalanced ¼"-TS-F) → ¼"-TRS-F stereo input Behringer HA400 headphone amp (non-standard cable made to drive both sides of stereo input) -> ASL (Assisted Listening) headphones

Unused mixer inputs/outputs

Input: AH mixer 'Stereo Return 2' input: stereo (2X) unbalanced ¼"-TS-F

Output: AH mixer 'Right' main-mix: balanced mono XLR-M

Output: AH mixer Aux Sends 2, 3, 6: balanced mono ¼" TRS-F

Output: AH mixer 'A' output unbalanced ¼"-TS-F

Unavailable mixer inputs/outputs

Output: AH mixer '**Mono**' main-mix output: balanced mono XLR-M (**broken**/loose XLR connector, marked 'Broken' on connector and fader, fader knob removed.