

CBCCP Samuel Hall/MPR Sound System Operational Setup

IPad Version

Version	Date	Comments	Initial
1.0	10/15/2016	Initial version for IPad	ACH

1. Equipments

Equipment	Description
	X32
	S16
	Crown Amp
	Wireless Router

2. Powering On and Off Sound System

Power must turn on in the following order, while power must turn off in reverse order:

Equipment	Location	Turn On Order	Turn Off Order
Wireless Router	AV Room	Always on	Do not turn off
X32	AV Room	1	6
S16	Worship Stage	2	5
Crown Amp	Stage Side Storage	3	4
Wireless Mic	AV Room	4	3
Projectors	MPR	5	2
Other	Any	6	1

3. Connecting to X32 on IPAD

4. Check X32 Mixer Routing Setup

- Go to Display|Routing|Home Tab as shown above & Verify input source selections of “AES50A1-8” and AES50A9-16” as shown
- When properly connected, the “A”, “L” should show “Green” as shown in circled outline
- Go to Display|Routing|Out1-16 Tab as shown above & Verify output 01 and 02 source selections from “Main L and Main R” as shown
- Go to Display|Routing|aes50-a Tab as shown above & Verify “Outputs 1-8” as “Out 1-9” and “Outputs 9-16”as “Out 9-16” as shown
- If all else fails, go to Display|Routing| and select the “Utility” button on side of Display and load the “CBCCP” Default Routing Presets.

5. Stage Hook up with S16

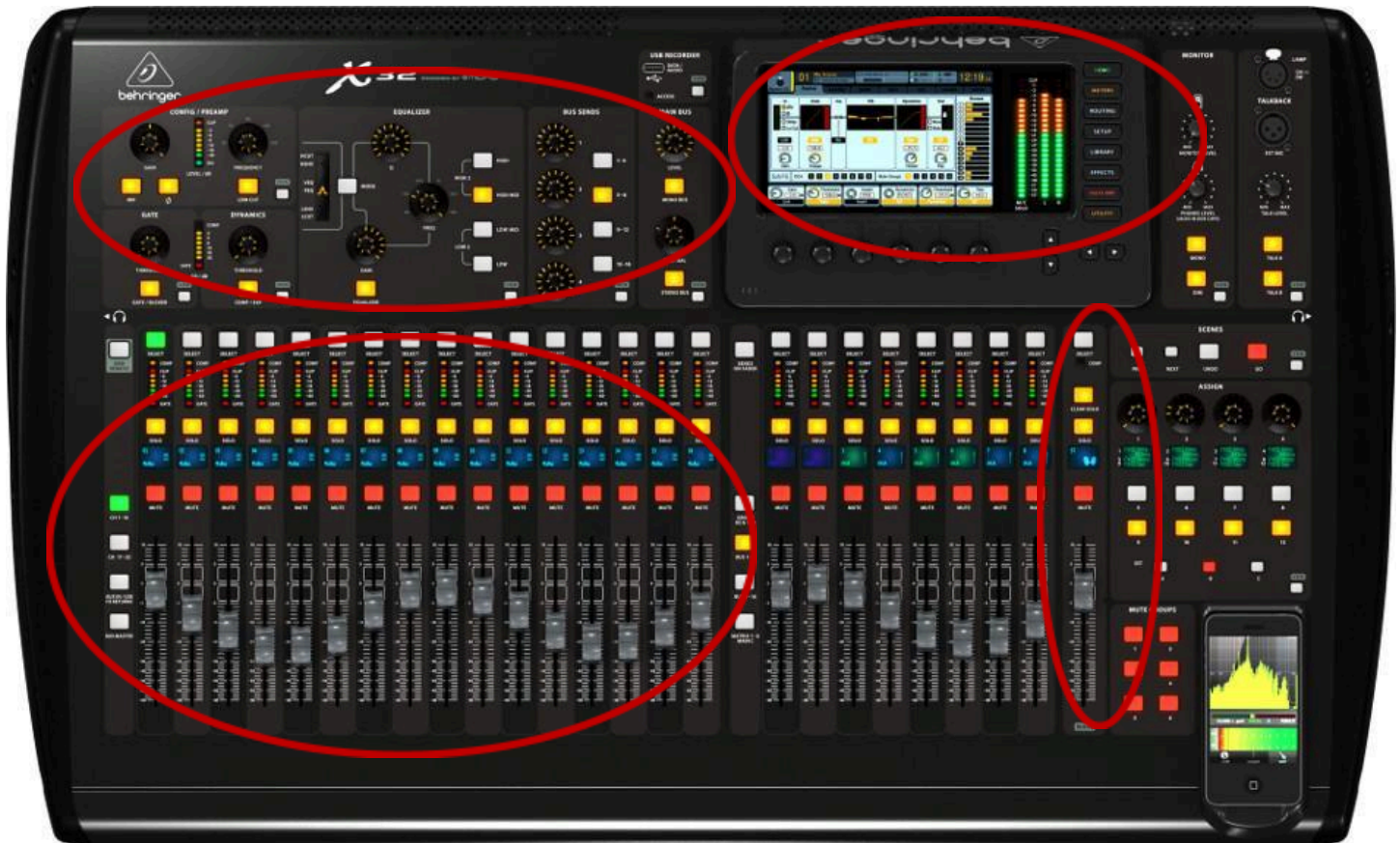
Mute all channels on the X32 before modifying cables on the S16

CAUTION: Mute All Channel on X32 before Continuing



- S16's display unit should show "green" light as shown in circled outline.
- 6x2 mini stage snake should be connected to channels 1-8 as shown in circled outline
- Main L/R main speaker amplifier feed shall come from S16's Out 1 & Out 2 as shown in circled outline
- Make microphone connections to the 6x2 stage box
- Make instrument connections (via the 2- $\frac{1}{4}$ jacks on the 6x2 stage snake or direct to the S16 snake box (via additional line input converter "Direct Box")
- Wireless system should be connected to channels 9-12 as needed.
- Inputs 1-16 on stage should correspond to Mixer channels 1-16

X32 Mixer Controls



- Upper Left Section contains the input/gain setups for each channel
- Lower Left Section contains the channel control/faders in 4x16 banks (bank 1 "green light" contains channels 1-16 and Bank 2 contains channels 17-32 and Bank 3 contains the Aux/USB playback Channels...
- Upper Right Section contains the Main LCD Display (also has the DCA/Groups faders), and
- Lower Right Section contains the Mixing Group and Bus and Main L/R faders
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X32 Mixer Controls – Monitor and Meters



- The Main “PA” sound level should not need to be adjusted, but if needed, can be adjusted via the X32’s main L/R fader or at the main amplifier in the side stage room
- Output sent to the Main L/R can be monitored on the Meter Section of the Display as shown. All input and output sources/ports are shown in the IN/OUT Tab of the Meter Display section.
- Output can be monitored via the headphones jacks on either side of unit
- Output can be routed to other input sources via the back console’s Aux outs (XLR, RCA, ¼ plus etc....)
- 2-channel stereo recording can be accomplished via the USB thumb drive slot on top of console or via the RCA output on back
- DAW PC hookup can be made via the 32 channel USB card output in back of console

- **If questions, please contact Peter Ong (410-733-2321) or members of the AVL Team who have been trained in the operation of the CBCCP Sound System**