

Black Secrets Tech Rider

Black Secrets is a tribute to Alice in Chains. We are a 4-piece band, accurately reproducing the original AiC lineup in every detail, with the addition of coordinated custom large screen videos presented on LCDs or projected, depending on the venue.

Please refer to this document for details, and please contact our tech manager with any questions, contact information below.

Stage Plot

BLACK SECRETS STAGE PLOT



Input and Mic Splitter Channel List

When the venue provides mics, the venue will be responsible for providing mic stands with boom attachments. All venue mics must meet or exceed mics listed in the "MICS" section of table listed below.

When the venue provides monitors & monitor mix the mic splitter will not be used.
The mic splitter is only used if the band has to manage monitors & monitor mix.

*Please also see *Video Notes* and *Front of House EQ Settings for Guitar Mics*, below.

INPUT and SPLITTER CHANNEL #	SOURCE	MICS	IF VENUE PROVIDES MICS & STANDS
1	Kick	Audix D6, Shure Beta 52	X
2	Snare	Shure SM57, Audix i5	X
3	Tom	Sennheiser E604	X
4	Floor Tom	Sennheiser E604	X
5	High Hat	Sennheiser E614	X
6	Overhead Left	Sennheiser E614	X
7	Overhead Right	Sennheiser E614	X
8	Bass	Senn MD421, EV RE20, Bass Amp DI	X
9	Electric Guitar Amp	SM57 - Left Bottom Speaker, 30° Left Off Axis. MIC PROVIDED BY BAND.	Mic stand provided by venue. MIC PROVIDED BY BAND
10	Electric Guitar Amp	Heil PR-30 - Right Bottom Speaker, Center/Straight On Axis. MIC PROVIDED BY BAND.	Mic stand provided by venue. MIC & CLIP PROVIDED BY BAND
11	Downstage Center Vocal	Shure SM58, Senn 835	X
12	Downstage Left Vocal	Shure SM58, Senn 835	X
13	Downstage	Shure SM58, Senn 835	X

	Right Vocal		
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Video Note

Drummer will control Ableton from MacBook and send HDMI feed over a band provided HDMI network to band provided displays. If a venue provides displays or video screens & projector, the venue will receive an HDMI signal from wireless HDMI receiver & cable provided by the band. The receiver can be placed beside the venue's HDMI input. A standard 120 volt single electrical outlet will be required.

Front of House EQ Settings for Guitar Mics

These are starting points to assist FOH engineer in set up of FOH EQ Settings for Guitar Amp Mics

Shure SM57 - FOH EQ Starting Point (Electric Guitar)

Frequency	EQ Move	Reason
80-100 Hz	High-pass to ~100 Hz	Cut low-end rumble
200-300 Hz	-2 to -4 dB	Reduce muddiness
1.5-2.5 kHz	+2 to +4 dB	Adds presence and bite
4-6 kHz	Slight dip or flat	Avoid harshness/fizz
8-10 kHz	Roll-off	Reduce hiss/fizz

Notes:

- SM57 has a mid bump around 5 kHz; may sound nasal/spiky.
- A narrow Q cut at ~4.5 kHz can tame fizz.

Heil PR30 - FOH EQ Starting Point (Electric Guitar)

Frequency	EQ Move	Reason
80-90 Hz	High-pass to ~90 Hz	Remove low-end rumble
120-150 Hz	+1 to +2 dB	Add warmth
400-500 Hz	Slight dip	Reduce boxiness
2-3.5 kHz	+2 to +3 dB	Add articulation and cut

6-8 kHz	Flat or slight boost	Smooth highs
10 kHz+	No need to boost	Already smooth

Notes:

- PR30 has flatter, more extended response.
- Needs less EQ than SM57 due to natural balance.

Additional FOH EQ Tips

- Mic placement drastically affects tone. Center of cone = more treble; off-center = warmer.
- PR30 placed slightly off-axis = smoother mids, less EQ required.
- Always EQ in context - listen in the mix.
- Start with subtractive EQ: cut before boosting.

Monitor Mix

MONITOR POSITION	MONITOR MIX
Downstage center	Center, left & right vocals. Kick, snare, bass & electric guitar slightly under vocals.
Downstage left	Center, left & right vocals. The left vocal is slightly louder than the center & right vocal. Electric guitar, kick, snare & bass slightly under vocals.
Downstage right	Center, left & right vocals. Kick, snare & electric guitar slightly under vocals.
Drums: NO FLOOR MONITOR. If needed, the drummer mixer to receive FOH/Monitor aux send from male XLR cable.	Center, left & right vocals. Bass & electric guitar slightly under vocals.

Contact Information

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