ApologetiX Audio Specifications

The following specifications are typical for an ApologetiX concert. We understand that its not always possible to supply everything listed, but some items are more important than others, so its **very important** that any deviations are discussed by phone as soon as it becomes apparent that any specific specification cannot be met. We are very easy going and flexible, but knowing about any audio short comings in advance helps us to be prepared to give you the best show possible. In some cases, we may bring a few extra items if we know the situation in advance.   Please feel free to contact Bill Hubauer directly to discuss any of these items. bill@apologetix.com
(412) 535-1244

Backline Items (Supplied by Venue)

Drums
Preferably* DW, Pearl, Yamaha, Tama, or Mapex.*
bass drum: 22"
tom toms: 8" 10" 12"
floor toms: 14" 16"
snare drum: 14" or 13"

cymbal boom stands: 5
hi hat stand: 1

drum throne: Roc-Soc or similar
cowbell: 1

No cymbals, sticks, or pedals needed (Drummer brings his own)
Feel free to contact Jimmy Tanner directly for any additional information on the drums specification: jimmy@apologetix.com

Bass Guitar Amp
Some kind of bass amp is very helpful, We aren't too particular about the make and model.

PA System (Supplied by Venue)

Power
This is rock concert, so you would want to have a system powerful enough to deliver 100 dB in the center of the audience with an appropriate amount of bass response.

"Front of House"
When running in Stereo, which is our preference, we require 19 channels of audio. See below for an itemized channel list.

Monitors
Since we do not use much stage amplification, we require a minimum of four (5) monitor mixes. Three (4) of the mixes will power "wedge" monitors at the front of the stage. The other mix will be line or mic level mixes that will feed our drummers ear phone mixer.   If possible please provide two wedges for the "center" front monitor mix (See the attached stage plot)

If you are planning to use Auxes on the "front of house" board for monitors rather than a dedicated monitor board, then its is **essential** that each of the auxes be "**pre-fader**". This means that the fader will have no affect on the level going to the aux. If you are not sure about this, please double check.

Microphones and Direct boxes
A sufficient number of quality microphones should be provided for Drums and Vocals (See channel list below). If possible one wireless microphone should be provided for the lead vocalist.   For vocals, Shure SM58 or better is recommended, for Drums SM57'S or Audix -D series or similar for snare and toms. Overheads require a "condenser type" of microphone's. Audix D6 or Beta 52 or AKG D-112 for bass drum is preferable.   Because the drummer uses "in-ear" style monitors, at least one over head mic is required, even if there are no plans to use this mic in the front of house mix.

No direct boxes will be required since all band members travel with their own .

Stands and cables
In addition to any stands necessary for micing the drum kit, 3 additional boom stands should be provided for vocalists (see the stage plot for more information).   Please be sure that a sufficient number of mic cables are available so that cables can be run around the edges of the stage and not through the middle of the stage as to create a trip hazard.

Channel List

1. Kick Drum	10. Bass guitar
2. Snare Drum	11. Guitar 1 Stereo L
3. Tom 1	12. Guitar 1 Stereo R
4. Tom 2	13. Guitar 2 Stereo L
5. Tom 3	14. Guitar 2 Stereo R
6. Tom 4	15. Vocal - Bass Guitar
7. Tom 5	16. Vocal - Drummer
8. Overhead L	17. Vocal - Lead
9. Overhead R	18. Vocal – Guitar 1
	19. Vocal – Guitar 2

Lighting

ApologetiX does not currently have a specific set of lighting requirements but we can offer a few guidelines that will help of the audience enjoy the show.   Since this is a rock concert, you generally want as much light as possible on the stage, and as little light as possible on the audience. Most people will have a better time if they do not feel too "exposed", thus having the audience in the dark is the best approach.

The more color variations you can put on the stage, the better. Fog machines can help create a "rock show" vibe as well.   If you have a follow spot, this is also a great tool.

Stage Plot

STAGE REAR

Headphone Mixer

In-ear Monitor Mix 5 XLR or 1/4"

Jimmy (drums)

Boom

Immy Vocal

T5
T4
T3 T2 T1
Snare Hats

XLR DROP

Bass Amp

Drum Riser 8' x 8'

ApologetiX
Stage Plot

Channel List
Kick
Snare
Tom 1
Tom 2
Tom 3
Tom 4
Tom 5
Overhead L
Overhead R

Guitar (2 XLR - Stereo)
Bass Guitar (DI)
Guitar 2 (2 XLR - Stereo)

J Vocal (Lead Vocal)
Keith Vocal (Bass Guitar)
Tom T Vocal (Guitar)
Jimmy Vocal (Drums)
Tom M Vocal (Guitar)

Tom (Guitar)

2 XLR DROP

Lead Guitar Pedal Board

Boom
Tom T Vocal

Keith (bass)

Boom
Keith Vocal

J (lead vocals)

Tom M Guitar

2 XLR DROP

Lead Guitar Pedal Board

Boom
Tom M Vocal

Monitor Mix 1

Monitor Mix 2

Monitor Mix 3

Monitor Mix 3

Monitor Mix 4

STAGE FRONT