

# Bang On A Can

## Sound Rider

### Sample

#### FOH

A speaker system capable of delivering 100dB(A) to all areas of the auditorium from 20 - 20000HZ without distortion with sub bass units (preferably driven from an auxiliary send). Particular attention should be given to side seats and extreme front seating. Flown or part flown systems are preferable and also help to avoid audience sightline problems. Preferred brands Meyer, L-Acoustic, D&B & EAW. Please: no "home made systems". The whole system should be quiet and completely free of noise; the band has a very broad dynamic range, which can easily be compromised by a "noisy" system. **The console should preferably be positioned in the centre area of the venue and not under balcony or in booth.**

A minimum 40ch desk with 4 band fully parametric eq. Phantom power to be available and switchable on each input channel and at least 6 auxiliary sends individually switchable pre & post fade and 4 stereo returns on faders. Preferred brands Midas XL4/Heritage/XL3, Yamaha PM5/4000 or Gamble. No Soundcraft, Mackie, Behringer or semi-professional consoles.

#### FX

31 band graphic eq inserted on all outputs e.g. L,R Centre cluster, front fills etc. Klark Teknik, BSS, Ashley, Urei **NO Yamaha Q2031/1031.**

- 1 Lexicon PCM80
- 1 Eventide H3000
- 1 Yamaha SPX2000/990
- 6 channels compression BSS/Drawmer
- 4 channels gates Drawmer/BSS
- 1 CD player

#### Monitors

Minimum 32 input monitor console with at least 6 discrete outputs. 31 band eq to be inserted across all outputs, Klark Teknik, BSS, Ashley, Urei **NO Yamaha Q2031/1031**

8 Wedges on 8 sends + cue

Wedges should be low profile, high quality and all be the same (bi-amped preferred) e.g. Meyer UM1, Clair 12AM. The monitor system must be quiet and free of noise.

#### Mixes

- 1 – Drums
- 2 – Percussion
- 3 – Guitar
- 4 – Bass
- 5 – Cello
- 6 – Piano
- 7 – Keyboard
- 8 – Clarinet

#### Personnel

We supply a sound engineer who will operate the FOH console for the show and must be allowed full access to all components of the sound system (cross-over's, processors, eq's etc.). In installations with fixed eq another equalizer must be provided for our engineer. In addition we require:

- 1 electrician familiar with the venue
- 1 monitor engineer
- 1 system technician
- 2 stagehands for load in and load out of bands equipment.

**General**

The P.A. system should be set up and tested before the musicians arrive. All mic lines and monitors should be laid out and proven. Mics marked with (#) may be substituted with similar high quality condensers. Schoeps, Neuman, B&K, AKG (except C414), Audio Technica, are generally not acceptable. Mics marked (##) can only be substituted with similar quality switchable pattern condenser. We can supply some of our own mics but this may involve a charge to cover excess baggage and insurance.

Please supply all cabling and mic stands, which should be in good working order and have booms; black stands are preferred (see input list).

Please contact us to discuss if any of the above causes concern or you have any questions regarding our technical set up. Substitutions are always possible to some degree but please call first to discuss them. The following input list will be subject to change after the exact program for your concert has been decided but does offer an accurate guide to microphone and input order.

AC power drops should be provided on stage as per stage plan delivering 110V 50 Hz as well as suitable power for local backline.

Should you have any questions regarding this rider please contact Kenny Savelson, Executive Director/Bang on a Can; ph 718 852 7755, fx 718 852 7732, email: [Kenny@bangonacan.org](mailto:Kenny@bangonacan.org)

This rider forms part of the contract and by agreeing to any part of it you undertake to fulfil all parts of this rider.

Initial.....

Date.....

**Lighting**

A basic lighting plot consisting of three to four colour washes and adequate front and back lighting to read music is essential. If you think your venue will have difficulty in providing this please consult with our tour manager well in advance of the concert date, (contact numbers can be found on the last page of the sound rider).

The group requests an experienced lighting operator who is used to theatrical lighting as opposed to classical concert lighting.

It is essential that there are no automated lights which require cooling fans in the rig as significant background noise from fans and scrollers is problematic.

**Lighting Schedule**

Primarily, focusing should be scheduled to take place after the stage has been set and BEFORE the band arrives (usually the early afternoon since the band usually arrives around 2-3pm for sound check). Touch-ups can take place during the sound check. The lighting technician/operator must be available for the sound check so the group can check light levels for reading music.

Our tour manager will discuss the lighting of the show with the operator during our set-up period.

**BANG ON A CAN ALL-STARS INPUT LIST**  
**SAMPLE**

CHANNEL	INPUT	MIC	STAND	INSERT	IN MONS
1	KICK	BETA52	NONE	COMP 1	NO
2	SNARE	BETA57A	SHORT	COMP 2	NO
3	HAT	MKH40	SHORT		NO
4	RACK 1	SM98	CLAMP	GATE 1	NO
5	FLOOR	SM98	CLAMP	GATE 2	NO
6	OVERHEAD LEFT	MKH40 #	TALL		YES
7	OVERHEAD RIGHT	MKH40 #	TALL		YES
8	PERC O/H	C414	TALL		NO
9	PERC O/H	C414	TALL		NO
10	VIBES LOW	MKH40 #	TALL		YES
11	VIBES HIGH	MKH40 #	TALL		YES
12	PERC O/H	C414	TALL		NO
13	PERC O/H	C414	TALL		NO
14	BELLS	C414 ##	TALL		NO
15	GONG LOW	C414 ##	TALL		NO
16	GONG HI	C414 ##	TALL		NO
17	BASS	ACTIVE DI	NONE	COMP 3	YES
18	GIUITAR	AT4050	SHORT		YES
19	CELLO	C414 ##	NONE	COMP 4	YES
20	PIANO LOW	C414 ##	TALL		YES
21	PIANO HIGH	C414 ##	TALL		YES
22	KEYBOARD L	ACTIVE DI	NONE		YES
23	KEYBOARD R	ACTIVE DI	NONE		YES
24	CLARINET TOP	MKH40 #	TALL	COMP 5	YES
25	CLARINET B'TOM	WE SUPPLY	SHORT	COMP 6	YES
26	PERC LAP L	ACTIVE DI	NONE		YES
27	PERC LAP R	ACTIVE DI	NONE		YES
28	LAPTOP LEFT	ACTIVE DI	NONE		YES
29	LAPTOP RIGHT	ACTIVE DI	NONE		YES
30	ANNOUNCE	BETA58	NONE		YES
31					
32	PCM80 LEFT	FOH LINE			NO
33	PCM80 RIGHT	FOH LINE			NO
34	H3000LEFT	FOH LINE			NO
35	H3000 RIGHT	FOH LINE			NO
36	SPX990 LEFT	FOH LINE			NO
37	SPX990 RIGHT	FOH LINE			NO
38	CD LEFT	FOH LINE			NO
39	CD RIGHT	FOH LINE			NO
40	FOH ANNOUNCE	SM58S			YES
<b>AUX SENDS</b>					
1	PCM80				
2	H3000				
3	SPX2000				
7	SEND TO MONS				
8	SUB-BASS			EQ INSERT	

**Bang on a Can Backline/Percussion List**  
**SAMPLE**

**Piano/Keyboards**

9-foot Concert Grand Piano

Kurzweil PC88 Keyboard with sustain, volume pedals and stand

*Substitutions are possible but please ask first!*

**Amplifiers**

Fender Twin Guitar Amp (Guitar)

GK800RB Bass Amp + Hartke 4 x 10 Cabinet (Bass)

*Substitutions are possible but please ask first!*

**Percussion**

4-piece Drumset (kick, snare, rack tom, floor tom, hi-hat, ride, crash cymbals, throne, drum carpet)

Vibraphone

Glockenspiel

In addition to Drum Set:

Extra Kick Bass Drum + pedal

Extra Snare drum + stand

1 Automobile brake drum

2 Cowbells + stand

1 Concert Bass Drum + stand

2 wood blocks

*Note: Final Instrument List, especially percussion, will be determined by the program to be performed.*

**Misc**

15 solid top music stands

1 Drum throne

2 Bass Stools

2 220V – 110V transformers with US type outlets (*International Performances only*)

**Bang on a Can Video Spec** *(if Video is to be included)*

1 Video projector with lens suitable for front or rear projection depending upon stage depth – for stages less than 15M depth front projection will be required as the band require 10M depth.

1 Multi region DVD player

1 Video mixer with inputs for DVD & S-video

1 Video monitor (at least 14”) – for cueing next to player

1 Front or rear projection screen of a suitable size for venue (min. 12x9ft)

1 skilled video technician familiar the equipment supplied.

Appropriate signal splitters, and cabling.

Note/Projection Screens:

A “cinematic” screen that spans the full width of the stage is perfect for “Light is Calling” It is OK for “Light is Calling” to be projected ‘through’ the performers.

The video projector may need to be placed in a sound proof box to limit fan noise as the music has extremely quiet passages, but the players and mixer should be positioned at the FOH sound console and comms should be provided to the projector position.

*We will require 1 video engineer to be present for rehearsals and show to operate the playback devices under the direction of our sound engineer/tour manager.*

# BANG ON A CAN ALL-STARS STAGE PLOT 2006

