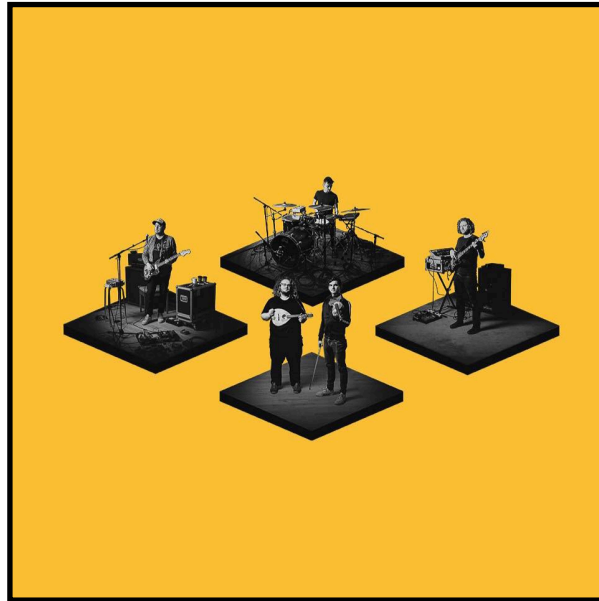


ELEPHANT SESSIONS

ELEPHANT SESSIONS TECHNICAL SPECIFICATION 2020

REVISED 10 MARCH 2020



PRODUCTION & ADVANCING CONTACT

Craig Donaldson
+44 (0) 7785 287 986
craig@activeevents.org.uk

FOH ENGINEER CONTACT

Greg Smart
+44 (0) 7841 113 149
smartampaudio@gmail.com

BOOKING AGENT CONTACT

Active Events
+44 (0) 141 337 2062
david@activeevents.org.uk

ON THE ROAD CONTACT

Greg Barry
+44 (0) 7984 869 215
info@elephantsessions.com



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Audio & Backline Requirements

Overview

- Elephant Sessions travel with a FOH sound engineer and FOH/Monitoring control package. See contact details below and **please do not hesitate to get in touch with any queries regarding Elephant Sessions' setup.**

Elephant Sessions require:

- minimum 60 minutes soundcheck time after setup and once the in-house patch has been completed (see attached Input List and Stage Plot).
- an experienced audio engineer, familiar with the system and venue, required throughout the day during load-in, soundcheck and show.
- a sensible FOH position consisting a 1.0m x 1.0m riser on 1.0m legs (or similar) on audience level and not situated on or under any balconies, behind pillars, etc.
- at least 25 XLR cables in good working order, 4 working mic stands, and satellite patch boxes where possible.

FOH PA System

The system must be full range (i.e. 35Hz - 20kHz) and:

- of professional standard i.e. d&b, L'Acoustics, Meyer, etc. and absolutely no Mackie, Bose, HK Audio, etc.
- capable of delivering an even coverage of all audience areas at $\pm 105\text{dB}$ A with zero distortion.
- measured accurately using a calibrated SPL meter (where applicable).

Please inform us of any dB SPL limits or any noise curfews prior to Day Of Show!

FOH Console

- Where possible, we will be using our own FoH control package consisting an Allen&Heath SQ5, 2 x DX168 and 75m Cat6 drum. Left Right Sub Fill. **Please contact to discuss suitability of this.**
- Where possible, we will use any in-house shielded Cat5e to save time running ours.
- **For festival shows, we require (1) pre-installed run of Cat5e from FOH to stage left.**
 - When not using our desk, preference of FOH console: Midas Pro Series, Allen&Heath dLive Series, Digico SD Series, Yamaha CL Series. Please no Presonus, Yamaha LS9, iPad-style mixers.

Monitoring

- The band's monitors are mixed from FOH when using our own console.
- We carry our own Sennheiser G4 wireless IEM system on Range GB (606 - 648 MHz).
- **Please contact to discuss RF environment/licensing prior to venue or festival show!**
- If we're not using our own console, we require a monitor engineer and suitable console where possible.
- Please provide (1) professional 15" wedge monitor and (1) 18" drum sub as listed above.

Backline

When applicable, please acknowledge following backline requirements **and notify us of kit ahead of event:**

- Drums: kick, snare, rack, floor w/ all hardware inc. drum stool, hi-hat and minimum (3) cymbal stands. Pearl Masters, Yamaha 9000 or similar. Kick reasonably dampened w/ hole for micing.
- Bass Amp: amp power suitable for size of stage. Mark Bass, Ampeg, Aguilar or similar. If speaker is 12" or smaller, please provide something to raise height (flightcase, etc.)
- Guitar Amp: Fender tube amps are preference. Fender Hot Rod, Fender Twin, etc.
- Keyboard X-Frame Stand: used for bass synth (Moog)

If any of the above specific requirements cannot met met, please inform us with plenty time before event and we will do our best to work with you to produce a great show for all involved.

Many thanks for reading and acknowledging this document. We look forward to working with you!

FoH Contact: Greg Smart

+44 (0) 784 111 3149

smartampaudio@gmail.com



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Input List

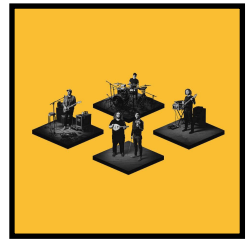
Patch	Input	Source	Mic/DI	48V?	Mounting	Position
1	1	Kick In	Beta91A	Y		USC
2	2	Kick Out	D6		LP Claw	USC
3	3	Snare Top	i5		LP Claw	USC
4	4	Snare Bottom	e904		Clip	USC
5	5	Hi-Hats	C 451 B	Y	K&M Claw	USC
6	6	Rack Tom	e904		Clip	USC
7	7	Floor Tom	e904		Clip	USC
8	8	Ride Cymbal	C 451 B	Y	K&M Claw	USC
9	9	Underhead SR	SDC	Y	K&M Claw	USC
10	10	Underhead SL	SDC	Y	K&M Claw	USC
11	11	Samples L	Own DI			USC-L
12	12	Samples R	Own DI			USC-L
13	13	Click	Own DI			USC-L
1	14	Bass DI	Own DI			DSL
2	15	Bass Synth	Own DI			DSL
14	16	E. Guitar	CM3	Y	Z-Arm	USR
3	17	Mandolin	Own DI			DSC-R
4	18	Fiddle	Own DI			DSC-L
5	19	Alasdair Chat	e945		Tall Boom	DSC-R
6	20	Euan Chat	e945		Tall Boom	DSC-L
15	21	Band Shout	SM58S		Tall Boom	USC
16	22	Drummer Shout	SM58S		Short Boom	USC
	Local	Space Echo L	XLR		Return L	FOH
	Local	Space Echo R	XLR		Return R	FOH
	Local	Talk To Stage	SM58S			FOH
Upstage Stagebox Recommendation			Required from venue/production			
Downstage Stagebox Recommendation			Provided by band/engineer			



ELEPHANT SESSIONS

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Monitoring

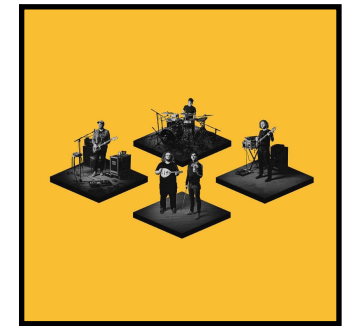
We carry our own Sennheiser G4 wireless IEM system on Range GB (606 - 648 MHz).

Please contact to discuss RF environment/licensing prior to venue or festival show!

Mix	Name	Role	Type	Position
1	Mark	E. Guitar	Mono IEM (Wireless)	DSR
2	Alasdair	Mandolin/Vocal	Mono IEM (Wireless)	DSC-R
3	Euan	Fiddle/Vocal	Mono IEM (Wireless)	DSC-L
4	Seth	Bass/Synth	Mono IEM (Wireless)	DCL
5	Greg L	Drums/Samples	Stereo IEM (Wired)	USC
6	Greg R	Drums/Samples	Stereo IEM (Wired)	USC
7	Mark	E. Guitar	15" Wedge	DSR
8	Greg	Drums/Samples	18" Drum Sub	USC
9	Space Echo		Mono Send	FOH
10	Gary	Lighting Designer	Mono Send	FOH
Please note: Required from venue/production				
Please note: Provided by band/engineer				



ELEPHANT SESSIONS

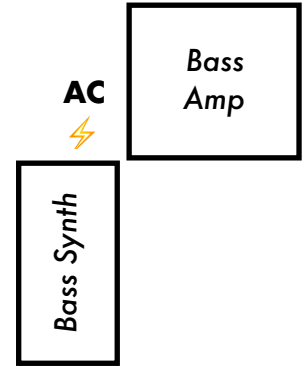
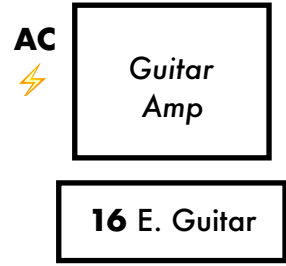
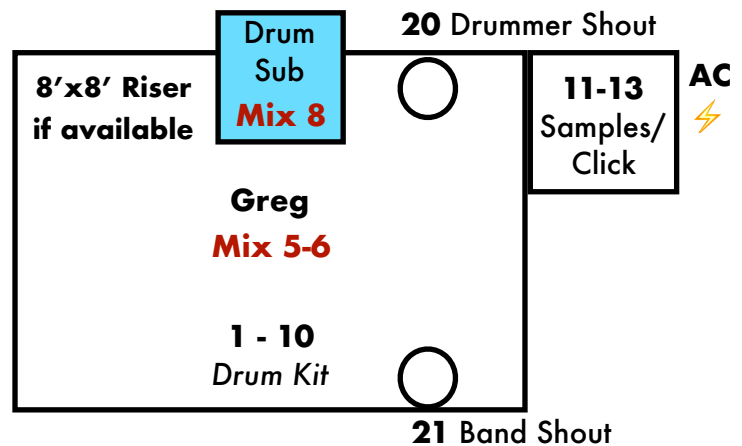


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○ = Vocal Mic & Stand
 AC ⚡ = 240V Power Required

RACK
 DX168 Stagebox
 DX168 Stagebox
 Sennheiser G4 IEM

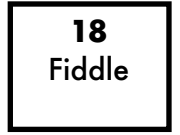


Mark
Mix 1

Alasdair
Mix 2

Euan
Mix 3

Seth
Mix 4



FoH Contact: Greg Smart

+44 (0) 784 111 3149

smartampaudio@gmail.com

↓ AUDIENCE/FOH ↓



ELEPHANT SESSIONS



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Monitoring Guide

The table below indicates guideline or “starting-point” mixes for each band member when using in-house monitor engineer. Providing each source has a sensible gain structure, relative levels are given as a reference to each musicians’ preference.

Chat/Shout mics are for audience/band communication only so should only be loud enough for everyone to hear what is being said.

If in “throw and go” situations, start with [Click, Mandolin, Fiddle, Samples and Bass Synth](#).

All band members must receive Click!

Input/Source	Mix 1: Mark	Mix 2: Alasdair	Mix 3: Euan	Mix 4: Seth	Mix 5-6: Greg
1. Kick In	0	0	0	0	0
2. Kick Out	0	0	0	0	0
3. Snare Top	-7	-7	-7	-7	-2
4. Snare Bottom	-10	-10	-10	-10	-2
5. Hi-Hat	-10	-10	-10	-10	-5
6. Rack Tom	-10	-10	-10	-10	-5
7. Floor Tom	-10	-10	-10	-10	-5
8. Ride Cymbal	-10	-10	-10	-10	-5
9. Underhead SR	-5	-5	-5	-5	-5
10. Underhead SL	-5	-5	-5	-5	-5
11. Samples L	-2	-2	-2	-2	0
12. Samples R	-2	-2	-2	-2	0
13. Click	0	0	0	0	0
14. Bass DI	-5	-5	-5	0	-2
15. Bass Synth	-5	-5	-5	0	-2
16. E. Guitar	0	-10	-10	-10	-10
17. Mandolin	-1	0	-1	-1	-5
18. Fiddle	-1	-1	0	-1	-5
19. Alasdair Chat	-10	-10	-10	-10	-10
20. Euan Chat	-10	-10	-10	-10	-10
21. Band Shout	-10	-10	-10	-10	-10
22. Drummer Shout	-10	-10	-10	-10	-10