



Groove Armada Technical Rider Summer 2008

All items to be provided by the promoter at no cost to the artiste

Please read this rider carefully.

Any questions relating to this document please contact

Tec Beint Production Manager. <mailto:tecwyn@mac.com>

N.B. Technical specs may change depending on Stage size & venue layout.

F.O.H. speaker system

This system should provide a minimum of 20 watts of power per head of maximum audience capacity. It should be frequency divided 4 ways.

N.B. We are a live band and expect the PA to be set-up accordingly.

The PA should accommodate the wide range of acoustic frequencies we use.

If there are limiters on the amps due to DJ use, please make our FOH engineer aware of this and readjust accordingly for our show.

Acceptable line array systems are d&b J series; VDOSC; Meyer Milo; Adamson Y10 or Y18; Outline CDH 483

Acceptable point source systems are Nexo Alpha or d&b C series.

NB. Each of the above systems should be supplied with the proprietary sub bass cabinet

F.O.H. console minimum 48 input

Midas H3000, H2000, XL3 or XL4, Soundcraft Series 5

Soundcraft Vi6 or Vi4

No other digital console is acceptable!

F.O.H. drive rack

System processor/crossover – proprietary, Dolby Lake, TC, or XTA NOT BSS

Dual 31 band 1/3rd octave graphic EQ Klark Technic DN360 or 370

Additional graphic EQ should be supplied for any flown clusters or delay stacks.

2 channels of valve compression (Summit DCL200) across mix bus.

CD player.

Compact Flash recorder or CD burner.

F.O.H. insert/FX rack

1 TC M5000 **or** PCM 91

2 Yamaha SPX 990 or 2000

1 Lexicon PCM 81

1 x TC 2290 **or** TC D2

12 channels of compression (6xBSS402 & 6xdbx160 alternatively 8xbss402 & 4xdbx160)

6 channels of gate Drawmer or BSS

GROOVE ARMADA



NB. IF SOUNDCRAFT Vi6 IS BEING USED THEN FX & INSERTS ARE MOSTLY NOT REQUIRED!

Multi-core

Minimum 48 lines to F.O.H.

Comms

2 way communications between F.O.H. & monitor desk

Monitor system: 48 channel Console Always positioned Stage Left Choice of:

Midas Heritage H3000, Midas XL3, Soundcraft Series 5, Soundcraft Vi6/Vi4, Yamaha PM 5000, ATI Paragon 2, Yamaha PM5D RH

14 x Bi-amped wedges.

Acceptable wedges are Turbosound TFM-450 c/w suitable amps/processors - 8 mixes incl. PFL

1 x drum sub - Turbosound TQ-425 2 x15 or similar

2 x side fills on 2 mixes – 3 or 4-way active Turbosound Flashlight, d&b C series or L-Acoustics ARCS/218 (narrow top box) c/w amps/processors

31-band graphic on each mix either KT DN360/370 or XTA GQ600

12 compressors dbx 160A/1066 or Aphex 661

6 gates drawmer

1 Reverb TC M2000 or Yamaha SPX990

NB IF USING Vi6 NO OUTBOARD FX OR INSERTS ARE REQUIRED

Wireless Equipment

For festival shows we require the following radio mics

3 x Shure Premier series UHF systems c/w Beta58A capsules.

We carry our own In Ear monitors systems as specified here.

2 x Sennheiser EW300 G2 in ear systems c/w 1 x antenna combiner and directional paddle antenna.

Frequencies 830 –866 Mhz

Contacts:

FOH SAM PARKER - samparkermail@yahoo.co.uk

MONITORS PAUL HATT - paulhatt@mac.com

NB. FOR MULTI BAND SHOWS/FESTIVALS THERE MUST BE 2 DESKS AT FOH & MONITORS



Input list, Summer 2008

Stagebox	Input	Mic	FOH insert	mice stand	Mon insert
1	Kick	D6	gate		gate
2	Snare top	Beyer 98	gate		gate
3	Hi-hat	SM81		short boom	
4	Dead-hat	SM57		short boom	
5	Rack tom	604	gate		gate
6	Floor tom	604	gate		gate
7	Overhead L	AKG414		tall boom	
8	Overhead R	AKG414		tall boom	
9	Trigger Kick	XLR			
10	Trigger Snare	XLR			
11	Timbales	SM57			
12	Cowbell	SM57			
13	Perc OH	SM81			
14	Elec perc L	DI			
15	Conga SR	SM57			
16	Conga SL	SM57			
17	Bass DI	DI	comp		comp
18	Bass mic	M88	comp		
19	Guitar	609		short boom	
20	RD700 L	XLR	402 comp		comp
21	RD700 R	XLR	402 comp		comp
22	MS2000 L	XLR	402 comp		comp
23	MS2000 R	XLR	402 comp		comp
24					
25	HD24 - 1	XLR			
26	HD24 - 2	XLR			
27	HD24 - 3	XLR			
28	HD24 - 4	XLR			
29	HD24 - 5	XLR			
30	HD24 - 6	XLR			
31	HD24 - 7	XLR			
32	HD24 - 8	XLR			
33	Trombone	Beta58A	402 comp	tall boom	comp
34	Centre vox	Beta58A	402 comp	tall boom	comp
35	S/L 1 vox	Beta58A	402 comp	short boom	comp
36	Spare vox	Beta58A	402 comp		comp
37	Ambience SL	SM81		short boom	
38	Ambience SR	SM81		short boom	
39					
40					
41					
42					

GROOVE ARMADA



Lighting & Video Projection Spec, May 2008

To be provided by the promoter at no cost to the artiste:

N.B. The Lighting plots are on a separate attachment.

FOH Control

1 x Hog 2 + Wing

Instrument Count

24 x mac 2000 profiles

30 x mac 2000 wash

22 x atomic strobes

24 x i-pix bb4

2 x f100 smoke machines

2 x df50 hazers

6 x 2ft mirror balls with rotators

Truss/Motors

3 x 40' trusses (gauge to be discussed, probably 2 x 12" box, 1 A type for video)

9 x Motors

4 x 20' black scaffold poles

Video Projection, Only required if Venue or Festival does not have LED Screens

1 x 20' x 15' Projection Screen (6m x 4m) (Upstage Centre)

1 x 16,000 Ansi Lumen Video Projector hung from centre front truss (Pref. Barco G12 with cradle)

2 x 16' x 9' Projection Screen (3,5m x 2,5m) (off stage Left & Right)

2 x 12,000 Ansi Lumen Video Projectors for side screens at FOH or rear projected

Lens to suit

Cable to suit

3 x Video out to BNC cable needs to run to off stage right. We will be outputting a PAL signal with a 4:3 Ratio**

Laser

We will supply lasers (Type & Size TBA for each show) with our own operator. But, Please ensure that all necessary paperwork is in place and licenses have been obtained before our arrival.

Lighting Designer: jonny@renegadelighting.com

GROOVE ARMADA



Riser Spec May 2008

To be provided by the promoter at no cost to the artiste:

N.B. The Stage plan is on a separate attachment

1 x Drum Riser – 12' x 8' x 18" (2.5m x 2.5m x 50cm)

1 x Perc Riser – 8' x 8' x 1' (2.5m x 1.2m x 20cm)

2 x Keys Riser – 8' x 8' x 6" Skate (2.5m x 1.2m x 20cm)

(For festivals please supply rolling risers)

STAGEHANDS

Please provide local crew to assist with our backline & Laser

Load-in 4 Stagehands

Load out 5 Stagehands

Backline Power

For the Artist's backline equipment we require 6 x 13 amp 240 volt 63 amp plus earth single phase supply. When full current is drawn, voltage shall vary no more than five (5) percent from voltage with no current drawn.

Stage Plan

This will be sent to you when we receive your stage dimensions.

If the contents of this rider are put in place, we will have a great show.

If there is any part of this rider that is not fully understood please contact:

Tec Beint

GROOVE ARMADA - Production Manager

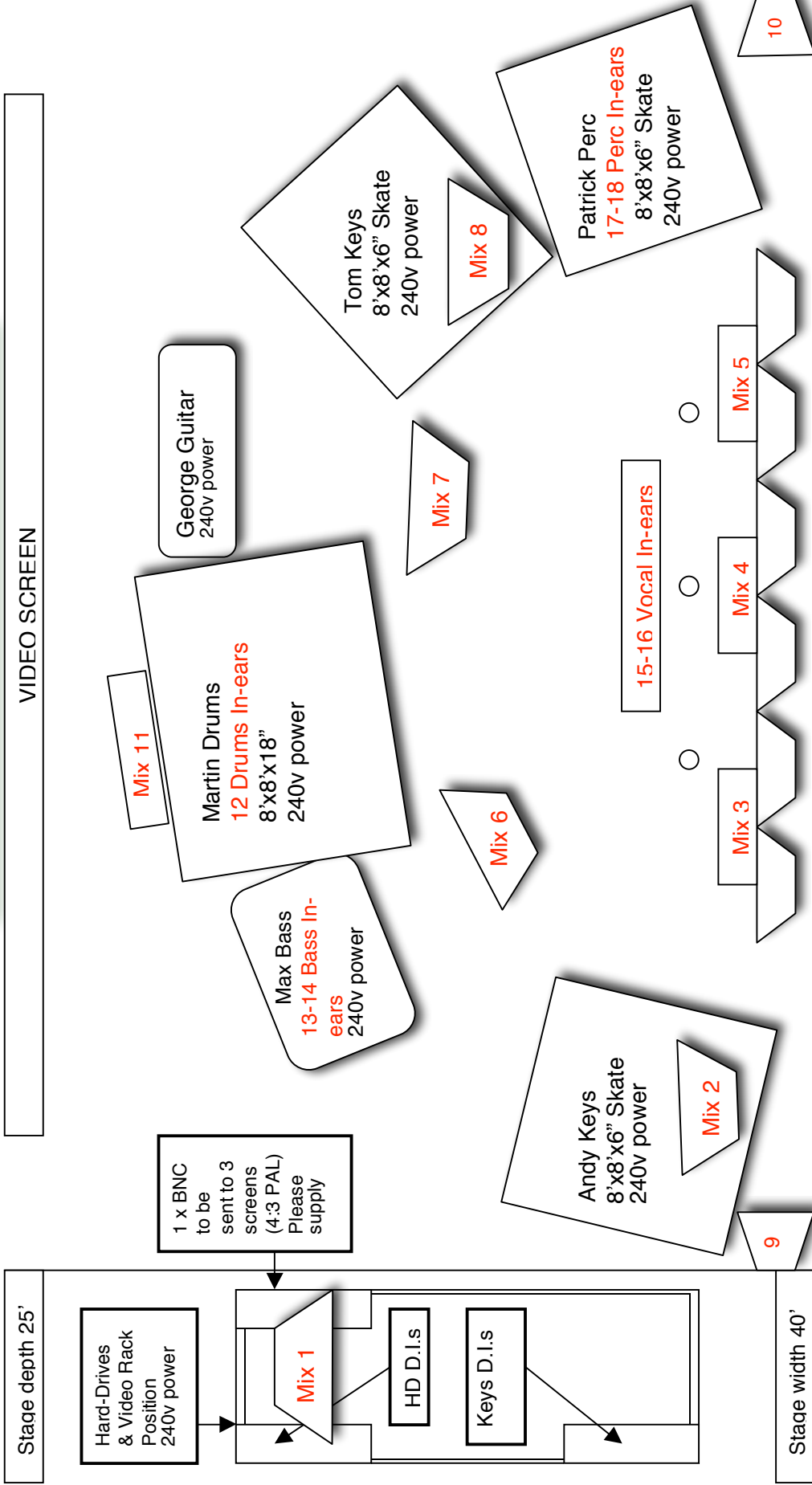
Mob: +44 7887 983 600

Office: +44 2081 440 622

Skype: tecbeint

E-mail: tecwyn@mac.com

Groove Armada Band & Crew look forward to working with you.



Riser requirements:
1 @ 8'x8'x18" Drums
3 @ 8'x8'x6" Skates

- Monitor
Board SL
Mixes;
1. Hard-disk
 2. Andy keys
 3. S/R
 4. Centre
 5. S/L
 6. Bass
 7. Gtr
 8. Tom keys
 9. Side-fill S/R
 10. Side-fill S/L
 11. Sub
 12. Kit ears (mono XLR)
 - 13-14. Bass in-ears (UHF)
 - 15-16. Vocal in-ears (UHF)
 - 17-18. Perc in ears (UHF)
 19. FX send