



Planet Groove Audio and Backline Requirements - 2020 www.planetgroove.com.au and www.planetgroove.biz

Minimum Requirements: 8xpar64 can lights - LHS and RHS of stage, min 5 sends, 2x240v power sockets left and right of stage, Min 4 x foldback wedges and Drumfill.

1x Sound Engineer/Production Engineer to **be onsite and accessible during sound-check and throughout performance.**

Standard Requirements: Stage size approximately ~ 6mx4m. Medium sized production rig is a JBL 2800w system and consisting of:

- * 2 x JBL 1400w double 15" and 2" horn FOH speakers
- * 4x foldback wedges plus drum fill
- * 8xpar64 lights

With 2 x DI's for Keys or mic'ed Keyboards amplifier. Additionally 2 x wireless mic's and 2x SM58 or 4x SM58 or similar for vox. Drum Micing: minimum requirements being kick, snare, two racks and one floor - preferably including hats and overheads (depending on room). Microphone on Guitar Amp (1x12" V30 speaker cabinet) - With DI for Bass Amp (1x15" Speaker Cabinet) .

The Desk channel mix:

A good FOH audio desk (16 channels) ideally Mackie, Yamaha, Soundcraft etc OK). The effects rack must include good quality Reverb, Delay, Compressors, Graphic EQ's etc. The drumfill requires ALL vocals + ALL drums (kick,snare,hats,toms,cymbals).

Also assume 5 piece kit with Microphones on each individual piece - ie kick, snare, hats, 2 x rack and 1 x floor toms)

The vox foldback wedges require all 4 vox in the monitors and a little keys bled through as well (depending on venue and stage size). The vox are a touch "wet" (analog reverb) and we'll get this right on soundcheck.

The power supply for both stage gear and FOH must come from the same source and that source must not have anything else connected to it ie lighting, heating elements etc unless expressly agreed to by the band.

Microphones, Stands, DI's etc to be supplied (refer to stageplot)

Typical order of channels on desk normally: -Hence appropriate microphones for each listed below:

1. Vocal - Female Lead
2. Vocal - Female Lead
4. Vocal - Keyboardist
5. Vocal - Guitarist
6. Electric Guitar. (1 x DI or microphone)
7. Bass Guitar (2x DI's - one for amp and another for percussion)

8. Keyboards (2 x DI's - One for top Synthesisor and another for bottom digital piano)
9. Kick Drum
10. Snare
11. Hats
12. Floor Toms, Cymbals (1)
13. Rack Toms, Cymbals (2)
14. Rack Toms, Cymbals (3)

For on location performances, cover must be provided for stage to protect electronic musical equipment and stage gear from damage or malfunction from rain, dew, sun etc.

Backline requirements (If traveling outside of Sydney, interstate or Overseas)

- 1 GuitarAmp - Ideally Fender twin/reverb, Vox
- 1xBassRig - Ideally Ampeg, David Eden
- DrumKit: Drums: 5 piece preferably pearl reference series/masters series or other brand equivalent in fusion (10, 12, 14) or fusion plus sizes 10, 12, 16).
- Cymbals: 14" hats, 16" and 18" crash, 20/22" ride. Preferably paiste 2002 series or zildjian A series, Sabian AAX series (or equivalent)
- 1 x Digital Piano with stand
- 4 microphone stands, 4 vocal microphones
- 2x DI's for keyboard/digital piano (top and bottom)
- 2 X DI's for Bass (1* for percussion pedals)

- Send 1 - Female Vox Wedge
- Send 2 - Female Vox Wedge
- Send 3 - Keyboards Wedge* Nb. Send 3+4 and Wedge 3+4 can be combined if capacity an issue
- Send 4 - Guitar Wedge *
- Send 5 - Drumfill

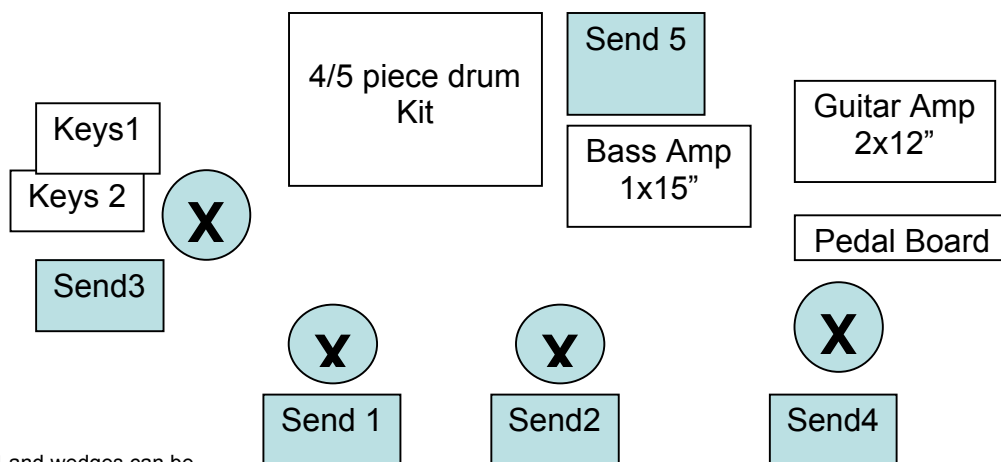
Stage Plot



Foldback Wedge



Microphone



Nb. Send 3+4 and wedges can be combined if limited capacity