



TECH SPEC

This specification is primarily for when Blayz are playing their main “pop” set. Alterations and additions required for a classical set are detailed at the end of this document.

STAGE

- Blayz require a level stage of a minimum size of 16’x10’ at a height suitable to the event and the room (minimum height 1’)

THE SYSTEM

- The system should ideally be a four way but minimum a three way active system from a reputable manufacturer (eg Turbosound, EAW, D&B, Nexo etc...). Mackie, Peavey, Behringer or similar manufacturers are not acceptable.
- The system is to be run in stereo.
- The power of the system must be suitable for the size of the room and the type of the event.
- Full access to equalisation and system control on the main system (including compression and limiting) must be made available to the engineer. System control is to be located by the FOH mix position and must contain a stereo 30 band graphic equaliser from a reputable manufacturer such as BSS, XTA, or KT. Yamaha, Alesis and Behringer graphics are not acceptable.
- An experienced system technician is to be present during the soundcheck and the show to ensure that the system is running properly.

DESKS

- Please if possible no digital desks, if it is necessary a Yamaha M7CL is preferable.
- A minimum of a 16 channels are is required. The desk must have a minimum of two swept mids per channel as well as 4 pre fade auxiliaries for monitors and 1 post fade auxiliary for effects. Subgroups and VCAs would be appreciated but are not essential.
- Desks by Behringer, Mackie or Spirit are not acceptable. Acceptable brands include Allen and Heath, Soundcraft, Midas, etc...
- Ideally the FOH board should be positioned centrally and towards the rear in the room of the event no more than 30m from the stage, in a position covered amply by the PA system and providing good sight lines to the stage. It must not be under a balcony, behind a pillar, etc... At events where the nature of the event dictates a side of stage mix to be essential a local monitoring system is required for the engineer to duplicate the FOH mix.

ON STAGE MONITORING

- Four independent pre-fade monitor sends are required with XLR outputs to connect to our IEM system. These returns should be located by the stage to allow for a minimal distance between the transmitters and the receivers.
- Two on-stage wedges are required these can be linked as one mix.

PLAYBACK, DYNAMICS AND EFFECTS

- Two professional quality CD players are required.
- Input for an iPod is also required.
- 6 channels of high quality compression are required.
- One professional quality effects unit is required (eg Yamaha SPX990, TC Electronic M1XL, Lexicon PCM 91). The sends to this unit can be mono but returns must be in stereo.

MICROPHONES AND RADIO PACKS

- 4x Shure SM58/Beta 87 cabled mics on single boomed stands with the correct clips are required for the vocals.
- We carry our own radio packs and mics for the strings which will need to be connected to the supplied PA via XLR. Ideally these should also be located by the stage to minimise the distance between the transmitters and the receivers.

CHANNEL LIST

1. Violin stage right
2. Viola stage right centre
3. 'Cello stage left centre
4. Violin stage left
5. Violin stage right vocal
6. Viola stage right centre vocal
7. 'Cello stage left centre vocal
8. Violin stage left vocal
9. DI situated at FOH for track
10. DI situated at FOH for track

We also require 4 mixes back to stage for our IEMs.

LIGHTING

- The stage is to be well lit at all times so that the performance is clearly visible. Use of intelligent and effects lighting and smoke or haze to enhance the show is encouraged.

EXTRA NOTES

- Blayz require a full 1 hour soundcheck. During this soundcheck the stage must be illuminated and there must be no extraneous noise in the room.
- All equipment must be in full working order and in good presentable condition.
- All microphone grilles must be clean and odour free!

IMPORTANT

If we have arranged for you to supply the radio packs and IEM kit.

4 x Sennheiser EW 300 G2 IEM Transmitters + Receivers

1 x Sennheiser EW 300 G2 IEM Receiver (spare)

4 x IEM Headphones

4 x Shure ULX1 UHF Body Pack Transmitters + Receivers

1x Shure ULX1 UHF Body Pack Transmitter (spare)

5 x Shure WA302 Instrument cable for body packs

All channels / frequencies should be set and checked against any others in the venue.

The kit should be located behind / side of the stage and away from any possible interference.

If possible paddle antennae only, no rubber ducks.

CLASSICAL SET

If Blayz are performing a classical set in addition to their pop set then the following notes are relevant:

- Four chairs are required for this section of the performance.
- An extra four channels would be appreciated on the mixer.
- The performance area must be lit with adequate lighting for musical scores to be read. Failure to do this will mean the performance will not be able to go ahead.

Please don't hesitate to contact Ben Dexter on 07545 056 834 or email ben.dexter@gmail.com.