

# Countermeasure

## Audio Specifications and Requirements

Countermeasure travels and performs with the following equipment and support personnel:

- 9 channels of Shure ULX-P wireless microphones (J band 554-590 MHz)
- 5 channels of Shure ULX-P wireless microphones (M1 band 662-698 MHz)
- 1 channel of Shure PSM200 in-ear monitors (H band 518-553 MHz)
- 2 Channels of Shure PSM300 in-ear monitors (G20 band 488-511 MHz)
- 1 Midas M32R mixing console
- 1 Behringer SD16 stage box
- 1 Boss RC-505 vocal loop station
- Cabling and wireless antenna infrastructure for the above
- A sound technician to setup and operate the above for the group's performance

To maintain the creative integrity of their performance, Countermeasure requests the following be made available to them:

- A stage area measuring 40' x 24' free of obstruction (please see attached stage plot)
- A lectern, cruiser table or sturdy music stand to support vocal loop station
- 7 Round base straight microphone stands (without clips)
- 3 Tall boom microphone stands (without clips)
  
- 4-6 stage monitor speakers, including side fills. These monitors should be capable of sustained levels of 126dBA at 1m. Monitor speakers with 15" low frequency drivers are preferred. Two monitor mixes will be sent from Countermeasure's mixing console to any provided monitor speakers (downstage and sidefills).
  
- A front of house sound system appropriate in output and coverage to the size and shape of the audience area. This sound system must include subwoofers and each main coverage speaker should be capable of sustained levels of 128 dBA when measured at 1m. A stereo mix will be sent from Countermeasure's mixing console to the front of house sound system.
  
- A position within the main coverage area of the front of house sound system for their technician to operate the group's mixing console from. This position should not be in an enclosed booth, and if avoidable should not be under a balcony. 3' of table space and a quad outlet power drop is required at this position. Provision must be made to run an STP CAT5e digital audio snake (which Countermeasure can supply). If the distance to this position from the stage is greater than 150' (line of sight) other arrangements must be made. Contact Christopher Poole (poolecommachris@gmail.com) for clarification if required.

