

RED HOT STRINGS

PA Specification – April 2008

Pop set

The first part of this specification is for Red Hot Strings when playing their main pop set. Alterations and additions required for a classical set are detailed later.

Stage

Red Hot Strings 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 Funktion One, Turbosound, EAW, D&B, Logic Systems 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 system equalisation and control must be made available to the engineer. System Eqs are to be located at the FOH mix position and must contain a stereo 30 band graphic equaliser from a reputable manufacturer such as BSS, XTA, or KT. Alesis and Behringer graphics are not acceptable. If supplying a digital desk please disregard this, but access to desk based system Eqs and compression/limiting must be made available if requested.

An experienced system technician is to be present during the soundcheck and the show to ensure that the system is running properly.

Desks

A minimum 12 channel desk 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 on larger desks 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...

We would rather use a good quality digital board where possible. Ideal desk choice would be a Yamaha LS9-32 (16 channel version acceptable but please advise before the show), M7CL or Soundcraft VI6. Behringer digital desks are not acceptable.

On stage monitoring

We usually bring our own IEM system which will need to be fed from two independent pre-fade monitor sends with XLR outputs. These returns should be located by the stage to allow for a minimal distance between the transmitters and the receivers.

If the IEM system is being supplied for us then we require two complete independent channels including low profile headphones from a reputable manufacturer such as Shure or Sennheiser.

Playback, dynamics and effects

One professional quality CD player is required.

Input for an iPod is also required.

One professional quality effects unit is required (eg Yamaha SPX990, TC Electronic M1XL, Lexicon PCM 91). Please ignore this if supplying a digital desk.

Microphones and radio packs

2x Shure SM58/Beta 87 cabled mics on single boomed stands with the correct clips are required for vocals when Red Hot Strings are contracted to sing. If they are not singing then only one microphone is required.

We usually 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.

On events where radio packs are being supplied for us we require two channels of receivers with two good quality beltpack transmitters (eg Shure ULXP, UHF, UHF-R, Sennheiser G2), and two leads running to quarter inch jacks to connect the electric instruments to the bodypacks (as if it were a wireless guitar system).

Channel List

- 1 Violin stage right
- 2 Violin stage left
- 3 Violin stage right vocal
- 4 Violin stage left vocal
- 5 iPod L
- 6 iPod R
- 7 CD L
- 8 CD R
- 9
- 10
- 11 FX ret L
- 12 FX ret R

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

Red Hot Strings 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!

Classical set

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

If we are not supplying our own radios then the quarter inch leads connected to the radio beltpacks for the electric instruments will need

to be interchangeable with small lavalier microphones for the classical instruments (eg Sennheiser MKE2.5, DPA4060, etc...). Suitable fittings to hold these mics in place must also be supplied, ideally DPA MHS 6001s, but whatever system is supplied must not use any adhesive or hard clips to fix the microphones to the bodies or bridges of the instruments.

Two chairs may be required for this section of the performance.

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.

For more information on this rider or to discuss any proposed alterations please contact darren@slrpa.com or call on +44 (0)208 761 1435.

Please note that we can supply any or all of the equipment detailed above if required. Please contact us for a quote.