

The swingle singers
RIDER PART 1: TECHNICAL REQUIREMENTS
(A Cappella Show)

the swingle singers will provide, at no cost to the promoter:

1. **10 channel UHF wireless microphone system (AKG WMS4000/C5900)**
2. **4 channel UHF wireless IEM (in-ear monitor) system (AKG IVM4/IP2)**
3. **Yamaha FOH mixing console (LS9-16)**
4. **Sound Engineer- the performance will be mixed by the swingle singers' sound engineer**

The Promoter/Venue agrees to provide, at no cost to the artists:

A: SOUND EQUIPMENT

1. Professional stereo concert sound system

- No BOSE, PEAVEY, BEHRINGER etc. A professional sound system is required e.g. Meyersound, D&B, Nexo
- The system **must** provide high quality consistent coverage for ALL areas of the audience.
- System **must** include SUBS, and where appropriate, front fills and delays for balcony areas.
- System must be positioned to minimise spill on to stage.
- Under no circumstances will singers perform in front of the sound system
- Noisy amp racks should be off stage where possible

Note: System Equalisation

The *swingle singers'* FOH console will provide the sound system with a Left (**L**), Right (**R**), front fill (**ffill**), and stage monitor (**Mon**) feed. The console has graphic EQ and delay on these outputs. If the sound system contains clusters, delays or fills, then a suitable speaker management system must be provided. Alternatively, the desk has a further **eight (8)** outputs available (each with independently adjustable level, EQ and delay) on ADAT. Therefore an 8 channel ADAT-to-analogue converter can be used as an alternative to a speaker management unit.

2. Front of house Console position

The Group uses a Yamaha LS9-16 digital console. A suitable FOH position must be arranged to comply with the following criteria:

- It must be as close to the centre of the auditorium as possible – preferably no more than 30 metres from the stage.
- It must be either at ground level or on an open balcony no more than 3 metres above stage level.
- A suitable table and desk lamp are required for the console to sit upon during operation. Minimum 70cm x 50cm.

**IMPORTANT - THE CONSOLE MUST NOT BE
UNDER A BALCONY OR IN A SOUND BOOTH**

3. FOH multicore

A minimum of 16 sends + 8 returns (on XLR tails) must link the stage to the FOH position arranged

STAGE-FOH CONSOLE

FOH CONSOLE - STAGE

Description	MULTI CH.	Notes.	Description	MULTI CH.	Notes.
Singers' mics	1-8 send	WMS4000 (line lev op)	Singers' IEMs	1-4 return	IVM4
Spare mics	9-10 send	WMS4000 (line lev op)	Mon	5 return	Desk O/P has EQ + delay
Additional mics	11-12 send	Where required	Ffill/Sub/Delay	6 return	Desk O/P has EQ + delay
Ambience mics	13-14 send	Where required	Main L	7 return	Desk O/P has EQ + delay
Stage TB/Ann	15 send	Where required	Main R	8 return	Desk O/P has EQ + delay

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4. Monitors

A minimum of **two** identical stage monitors/fills are required. These will usually be driven from **one** mix.

Note: *the swingle singers* use their own IEM system. Stage monitors are primarily intended for backup, except when the group perform with guest artists.

5. Microphones & Stands

6 x Tall microphone stands with booms are required.

The swingle singers provide 10 channels of wireless microphone for their own use only. If additional acts or a guest chorus are performing, suitable microphones must be provided to amplify the guest artists. The *swingle singers'* engineer should be notified by the promoter of any event including guest participation before the day of the concert, upon which a suitable amplification solution will be arranged. Each additional microphone will usually require a stand.

Occasionally, ambience microphones are used. If these are required, *the swingle singers'* sound engineer will notify the promoter in advance of the concert.

In the case of joint orchestral performances, please see the dedicated orchestral technical rider.

*****The singers' microphones are hand-held and do not require microphone stands*****

6. Batteries

32 x AA (HP7) good quality **alkaline** batteries (DURACELL/PROCELL/ENERGIZER INDUSTRIAL preferred)

PLEASE CONTACT *THE SWINGLE SINGERS'* SOUND ENGINEER AT LEAST TWO WEEKS BEFORE THE PERFORMANCE WITH A FULL VENUE RIDER OR SYSTEM DESCRIPTION TO ENSURE THE SETUP IS APPROPRIATE.

*****THE SOUND SYSTEM MUST BE COMPLETELY RIGGED, TESTED AND RUNNING*****
 *****BEFORE THE SWINGLE SINGERS' TECHNICAL SOUNDCHECK/GET-IN*****

Any queries regarding equipment and setup should be addressed to *the swingle singers'* sound engineer.

Contacts:	Hugh Walker (Sound engineer)	+44 (0)20 7871 5615 info@swinglesingers.com
	Holly Skelton (Administrator)	+44 (0)20 7871 5615 holly@swinglesingers.com

B: LIGHTING

A full lighting rig with an experienced lighting operator is required where possible.

- **Washes**
Parcan/Fresnel colour washes are required in **deep red, ambers, deep blue, pale blue**. These colours should be matched by front-of-house, box-boom, side-of-stage and **cyclorama** light wherever possible.
- **Specials**
Can be made using a combination of profile light from front and above
- **Follow-spot**
The nature of *swingle singers* arrangements makes use of a follow-spot difficult without rehearsal. A follow-spot chart, based on the enclosed map of the group's working area, will be provided in conjunction with a cue sheet **on request**.
- **Simple effects**

SILHOUETTES

Light focused on the rear curtain or a cyclorama may be employed on its own in order to present the group in a silhouette effect. Any lights focused on the rear curtain should be paired or centred.

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GOBOS

Please have any available gobos on standby for use on the stage or the rear curtain.

FLASHES

Certain pieces contain audio effects (explosions, percussion etc.) that may be paired with flashes. The house lights may be employed as a flash if controlled from the board.

Any variations or queries relating to these lighting requirements may be addressed to the Lighting Designer through info@swinglesingers.com

***** **ALL LIGHTS MUST BE HUNG, PATCHED AND READY PRIOR** *****
 ***** **TO THE BEGINNING OF THE TECHNICAL SOUND CHECK** *****

C: PERSONNEL**1. House Sound Technician / Engineer**

The **Promoter** should ensure a sound technician is present to assist *the swingle singers'* sound engineer from the start of the technical sound check until the end of the concert.

2. Foyer / Front of House Assistant

The **Promoter** is requested to provide an assistant to sell CDs and merchandise during the interval of the concert and afterwards.

3. Lighting Operator and Crew

An experienced lighting operator should be available to program the board during the technical soundcheck and operate the lighting equipment during the concert. Sufficient crew should be available for re-focusing and patching where necessary. Specific call times and special arrangements may be made with the Lighting Designer in advance through info@swinglesingers.com.

D: TIMINGS

When	Time	SOUND	LIGHTING
SIX HOURS BEFORE THE PERFORMANCE	-6h.00m	Beginning of TECHNICAL SOUNDCHECK (2 hours). Sound system should be set-up, tested and working fully BEFORE this time.	Beginning of TECHNICAL SOUNDCHECK (2 hours). Lights hung, patched and ready BEFORE this time. Lights will be focused and programmed with <i>the swingle singers'</i> Lighting Designer during this time.
THREE HOURS BEFORE THE PERFORMANCE	-3h.00m	Beginning of ON-MIC REHEARSAL (1.5 hours).	Beginning of ON-MIC REHEARSAL (1.5hours). <i>swingle singers'</i> Lighting Designer unavailable during this time.
[IF A GUEST CHORUS IS PARTICIPATING IN THE EVENT] TWO-AND-A-HALF HOURS BEFORE THE PERFORMANCE	-2h.30m	One-hour rehearsal with Guest Chorus	
ONE-AND-A-HALF HOURS BEFORE THE PERFORMANCE	-1h.30	BREAK Sound Crew on Standby	BREAK Lighting Crew on Standby. Final programming and focusing before house opens.
PERFORMANCE – 1 ST HALF	0h.00m	Approx. 45 mins. Sound Crew on Standby	Lighting Operator required to run the lighting board.
INTERVAL	0h.45m	Approx. 15 mins Sound Crew on Standby	
PERFORMANCE – 2 ND HALF	1h.00m	Approx. 1 hour Sound Crew on Standby	Lighting Operator required to run the lighting board.
APPROXIMATE END OF PERFORMANCE	2h.00m	De-rigging and load-out	

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*****THE SOUND SYSTEM MUST BE COMPLETELY RIGGED, TESTED AND RUNNING*****
*****BEFORE THE SWINGLE SINGERS' TECHNICAL SOUNDCHECK/GET-IN*****

1. Sound Check Times

Six hours before the performance commences, *the swingle singers'* sound engineer requires **two hours** of technical sound check time in the venue **before** *the swingle singers* arrive. After which, a further **one and a half hours** is required for the swingle singers' rehearsal [If a Guest Chorus is participating in the event, the rehearsal with the Guest Chorus will form the second hour of a two hour rehearsal]. This allows an hour and a half between the end of the balance/rehearsal and the start of the performance.

2. Lighting arrangements

The lighting designer requires the whole of the technical sound check time for programming the board, setting and rehearsing cues. **It is essential** that all lights are hung, patched and focused before this time. As the Lighting Designer is a member of the group, he will be required to sing during on-mic rehearsal. If it is more convenient to start programming and setting cues earlier in the day, please notify the Lighting Designer through info@swinglesingers.com

3. Public Access to the auditorium

Under no account should audience members be allowed into the concert hall before *the swingle singers* have cleared the stage after the rehearsal. In the unusual case of a technical delay occurring, this may not be until 15-20 minutes before the performance starts.

E: FEEDS AND RECORDING

***** NO RECORDING OF ANY KIND MAY BE TAKEN WITHOUT*****
***** THE PRIOR PERMISSION OF *THE SWINGLE SINGERS* *****

Where permission is granted, a **recording contract** must be signed and usually an additional fee payable.

1. Audio Feeds

Any feeds given by *the swingle singers'* sound engineer will be **stereo or mono only**. Requests for audio feeds must be discussed and agreed **before the day of the performance**.

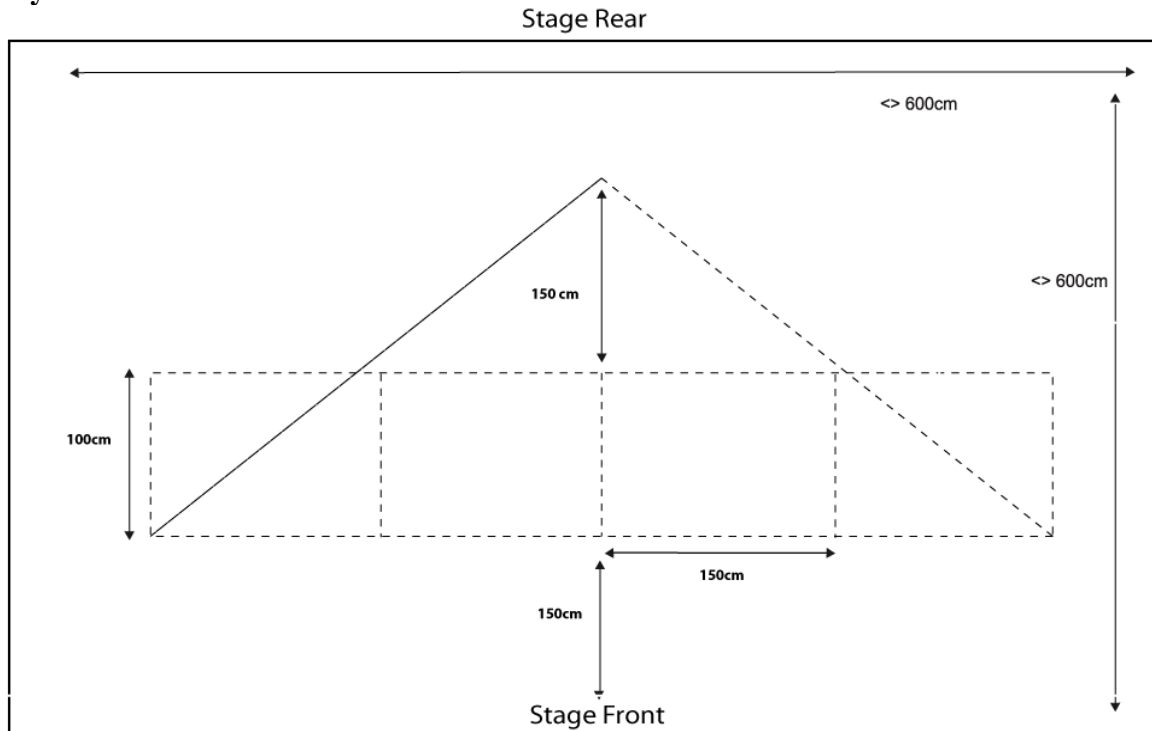
2. Archive / News Access (TV and Radio)

Requests for Archive/News recordings must be discussed and agreed **before the day of the performance**. The sound feed must come from the FOH console unless another solution has been specifically agreed with *the swingle singers*.

3. Copies

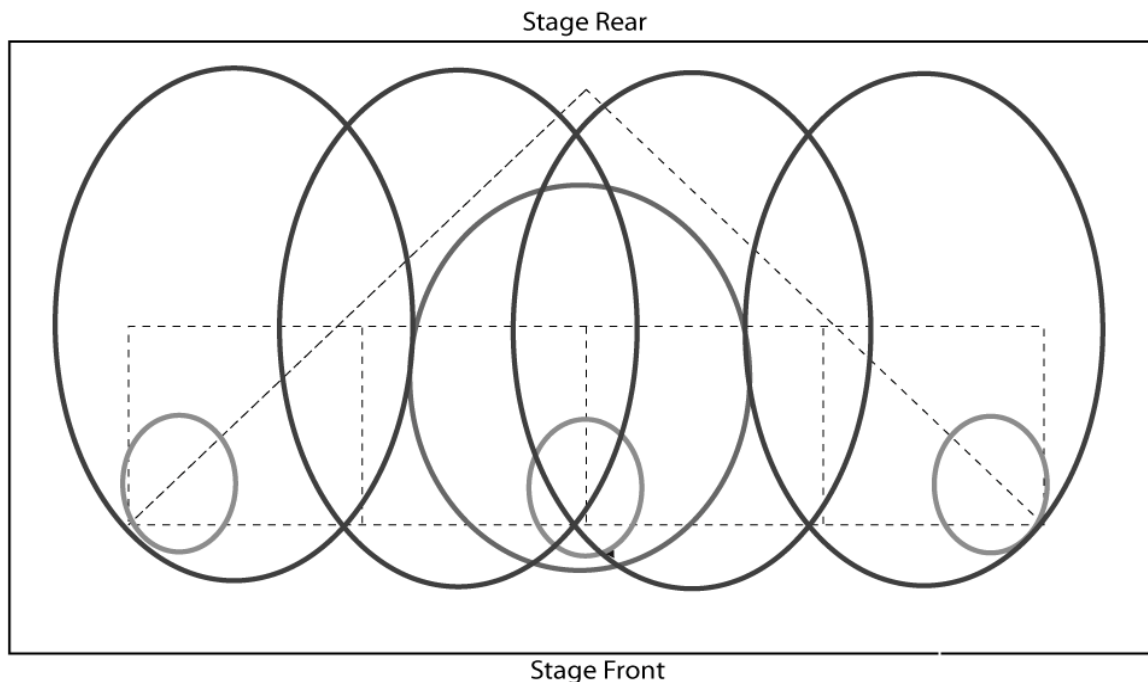
A Copy of the recorded material must be made and given to *the swingle singers* as a condition of the recording.

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Stage Layout:

The diagram above shows the working area for the group throughout the show

- Each box contains two singers when the group is placed in a line across the stage
- The two diagonal lines represent the position of the group when placed in a 'V' formation
- These lines will be measured and spiked by the lighting director prior to the sound check
- The minimum performance area is 6 metres by 6 metres



The diagram above shows the position of the specials used throughout the show

- Specials should be made using a combination of profile light from the front and overhead light from the proscenium/1st Electric
- The four large specials are to cover two people each, as is the large special in the centre
- The remaining three specials are for soloist spots
- All specials are clear white