

HORACE X PERFORMANCE REQUIREMENTS (Technical)

PA System: Minimum Requirement:

Horace X need a professional, clean, full-range P.A. Sound System designed for live Rock groups, with a suitable power rating for the size of venue. Both the Front Of House system and on-stage monitors must be at least powerful enough to clearly amplify the vocals, backing tapes and acoustic instruments louder than the volume of a hard-hitting rock drummer. The FOH system should also be able to produce plenty of low bass for the backing tapes. Horace X will need at least three separate monitor mixes.

Please note: the reason for these minimum requirements is that without a loud, clear PA & Monitor system, the band cannot play in time and in tune with the backing tape, and in the worst case situation, the performance may have to be cancelled.

Horace X will bring their own fully qualified FOH engineer, but will also need a competent engineer (and on-stage monitor engineer where applicable) who fully understands the PA system, to be available to assist during sound check and performance.

The above is the minimum requirement, but for Horace X to sound at their best please supply the following:-

PA System: Preferred Configuration:

- FOH :** 32:8:2 Mixing Desk
 4-way fully parametric swept EQ on all channels
 High-pass filter
 4 post-fade auxs to be used for FX
- FX & Inserts:** 6 x quality frequency-conscious gates
 4 x quality compressors
 3 x multi-FX processors (SPX, etc)
 1 x dedicated delay
- Monitors:** 24:8 Monitor Mixing Desk (plus on-stage monitor engineer)
 5 x output channels with 31 band $\frac{1}{3}$ octave EQ inserted
 4 x quality onstage wedges run bi-amped (15" + 1")
 1 x tri-amped drum fill (or wedge with sub unit)

If you have any queries, please don't hesitate to contact: Dave Cogan, Front of House Engineer
 Mobile: +44 (0) 7867 517312 Email: ambi_dave@hotmail.com

Email for Mark@Horacex.com is also checked most days, but in an emergency contact Horace X's manager in Canada - Hugo Rampen: amok:@sentex.net. Telephone 001 519 835 3158

Mains: 3 x (13A 3-pin or 16A C-form) British mains drop (220/250v 50Hz) positioned as indicated on the stage plot. *HX will try to bring a Global - UK adapter as a backup.*

Drum riser: 8'x6'x1'

Horace X Channel list

Horace X may be able to supply their own microphones if required given advance notice, but need at least 4 x active DI boxes to be supplied by you.

Chn	Instrument	Suitable Mic Types	Stand	+48v	FOH Inserts	Mons
1	Kick	β52, M88	Low		Gate 1	Mix 1-5
2	Snare top	β57A, SM57	Low		Gate 3	Mix 1-5
3	Snare bot	SM57	Low		Gate 4	
4	Hi Hat	451B, 300B	Low	yes		
5	Rack Tom 1	β98, e604, β56	Clip/low	yes	Gate 5	
6	Rack Tom 2	β98, e604, β56	Clip/low	yes	Gate 6	
7	Timbale	SM57	Low		Gate 2	
8	O/H SR	AT4033, 451B	High	yes		
9	O/H SL	AT4033, 451B	High	yes		
10	Bass DI	Own AKG WMS80 Wireless (Bal. XLR out)			Comp 1	Mix 5
11	Bass mic	ATM25, SM57	Low		Comp 2	
12	DAT L	Active DI		yes		Mix 2 - 5
13	DAT R	Active DI		yes		Mix 2 - 5
14	Fiddle	Active DI				Mix 3,1
15	Clarinet	Own clip on mic (Bal. XLR out)		yes		Mix 1,3, 4
16	Baritone Sax	M88, β56, SM58	Low			Mix 1,3,4
17	Vocal mic	Own Shure 58a Wireless (Bal. XLR out)			Comp 3	Mix 2
18	Spare mic	β58A, SM58			Comp 4	Mix 2
19	delay					
20	vox rev L	vocal hall				
21	vox rev R					
22	kit rev L	room rev				
23	kit rev R					
24	wind rev L	echo→rev				
25	wind rev R					
26	Click-Track	Active DI			To Monitors only	Mix 1-5
	Talkback to stage					

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Lighting:

At night, or at indoor venues where reasonable blackout is possible:

Horace X has a full Black Light (UV) show:

they can supply 4 x 400W cannons, though if you can supply 2 x additional Black Light cannons that would be ideal.

THEY USUALLY LOOK BEST WITH NO OTHER STAGE LIGHTING DURING THEIR PERFORMANCE.

Complete blackout in the venue is ideal.

Please position cannons as follows:

Promoter supplied (if applicable):

2 x front of stage Overhead Black Lights (UV)

400W Cannons pointing at front line

Horace X will supply:

2 x (front of Stage) Floor mounted Black Lights (UV)

400W Cannons

2 x (back/side of Stage) Stand mounted Black Lights (UV)

400W Cannons

2 X (drum riser) Floor Mounted Black Light (UV) Strips

Fluorescent strip lights.

The Cannons must be placed between 1.5m to 2.5m of the performers for them to be effective.

Where reasonable blackout is not possible:

Please supply standard professional stage lighting suitable for the conditions and size of venue.

Horace X will bring with them:

- **Hard Disk Player (Backing Tapes and Click-Track):**
Fostex 4 –Track. (3 x Jack output to required D.I. boxes).
 - **Drum Kit:**
Gretsch: Bass Drum, Snare, Hi-Hat, 2 x Toms, 1 x timbale, Ride and Crash cymbals.
 - **Bass & Radio Transmitter; Bass Combo**
 - Warwick 6-String & AKG WMS 80; Trace Elliot. (XLR Bal. output)
 - **Vocal Mic:**
Shure 58a Radio Mic: (XLR Bal. output)
 - **Electric Fiddle & Radio Transmitter, Fiddle Combo with FX Unit:**
Starfish & AKG WMS 80, Trace Elliot Acoustic Zoom (Jack output: DI required)
 - **Clarinet & clip on microphones:**
(XLR Bal. output)
 - **Baritone Saxophone**
(Mic required)
- Backline Microphones:**
Mics may be supplied by Horace X with advance notice.
- **Power Outlets:**
3 x British mains (220/240vac, 50Hz) as indicated on the stage plan.
HX will try to bring a Global –UK mains adapter as a backup.
 - **Spare full range amplifier and speaker.**
- Lighting:**
- **2 x Floor mounted Black Lights (UV)**
400W Cannons
 - **2 x Stand mounted Black Lights (UV)**
400W Cannons
 - **Floor Mounted Black Light (UV) Strip lights**
- Front Of House Engineer:**
- HX will bring a fully qualified, experienced and professional engineer.

Unless previously agreed, Horace X equipment may not be used by other performers etc.

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Horace X Monitors (Engineers Notes)

The below is a basic mix, which will enable the band to perform, but will obviously vary at different venues and with fewer than 5 monitor mixes.

Stage Right (Pete):

MIX 1

Sax & Clarinet loudest
Some Fiddle
Bit of DAT, Click, Kick & Snare

Centre (Simon):

MIX 2

Vocal loudest
Some DAT
Bit of Click, Kick & Snare

Stage Left (Hazel):

MIX 3

Fiddle loudest
Some Clarinet & Sax, DAT
Bit of Click, Kick & Snare

Drums (Mark):

DAT)

MIX 4

DAT and Click very loud (timing taken from
Bit of Kick & Snare

NB: he MAY be using In Ear Monitoring, depending on forthcoming trials.*

Bass (Fabian):

MIX 5

Bass loudest
Some DAT, Click, Kick & Snare,
Bit of Sax & Clarinet

The band will try to keep the overall stage volume down as low as possible and will only ask to hear what they need to keep time & pitch.

Please do not put anything into the monitors that the band members have not asked for.

The clarinet and sax are played by the same person (Pete) please be ready to mute whichever instrument is not being used.

The clarinet will probably need a bit of 2k5Hz taking out of it and the bottom end rolling off with a high-pass filter

The DAT contains quite a bit of sub-bass that is unnecessary on stage - please use a vocal-setting (80-100Hz) high-pass filter or similar on it if possible.

*If IEM is being used: either a line level monitor signal, or a (crossed-over) mono or stereo speaker signal (XLR or Jack) fed to the drummer will be fine instead of a speaker. However, because it is vital that he can play in time with the backing, he requests a standard drum monitor speaker to be available as backup regardless of whether or not he brings IEM. (He doesn't trust it!)

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Horace X Stage plan

