MOLASS - TECHNICAL RIDER (2025)

General Setup

We bring a rack containing our monitoring system (Behringer X32 Rack + DL16 Stagebox). Inside the rack, there's also an audio interface connected to a laptop that runs backing tracks, click, and vocal effects. These signals are pre-patched and feed directly into the X32. Vocal effects are generated live through a signal splitter that sends the vocal input to the DAW via the interface, where the effects are processed and returned as a wet signal to the X32. The rack also includes a Wi-Fi router that we use to control our in-ear-mixes via iPads and the X32 app.

Equipment We Provide

We bring our own instruments, microphones, DI boxes and in-ear monitoring systems, all noted in the input/output list. We also use multi-cables (snakes) to quickly patch both inputs and outputs. We're 3x wired and 1x wireless for in-ears, and we provide our own monitoring systems. We only need some XLR cables and mic stands. The local techs are welcome to help with cabling; everything is labeled, and the inputs/outputs are listed in the rider for easy setup.

FOH Mix

Usually we are bringing our own FOH engineer, who will provide an additional Midas M32R console to ensure a straightforward and compatible connection between the two consoles via CAT/AES50, which we **don't** bring (CAT Cable handoff at rear stage center, near drum kit). If we don't bring our engineer & FOH console, there are a few options:

1. Log in to our Wi-Fi and mix via iPad.
2. If the local FOH console is an X32 or Midas M32, connect it to our rack via Cat or AES50 cable; channels 1-24 will be mapped as per our input list.
3. Analog splitting with a 24-channel XLR splitter.
4. Using MADI: We have a MADI card in the rack and can connect to a MADI-capable console.

If the option is chosen to use the X32 Rack as the FOH console, the Main L/R mix outputs can be found on Aux 5/6. We provide the necessary cables for the L/R handover in XLR format (2x balanced ¼" TRS male to XLR male).

RACK FRONT

click for bigger version



RACK BACK

click for bigger version



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INPUT LIST

#	INPUT	INSTRUMENT	REQUIREMENTS	NOTE
1	X32 - 01	Bassdrum	Shure Beta 52A	We bring our own microphone
2	X32 - 02	Snare (top)	Shure SM 57	We bring our own microphone
3	X32 - 03	Side Snare (top)	Shure SM 57	We bring our own microphone
4	X32 - 04	Side Snare (bot)	Shure KSM 141	We bring our own microphone
5	X32 - 05	HiHat	Shure SM 57	We bring our own microphone
6	X32 - 06	Tom High	Shure Beta 98	We bring our own microphone
7	X32 - 07	Tom Mid	Shure Beta 98	We bring our own microphone
8	X32 - 08	Tom Low	Shure Beta 98	We bring our own microphone
9	X32 - 09	Overhead L	Lineaudio CM 4	We bring our own microphone
10	X32 - 10	Overhead R	Lineaudio CM 4	We bring our own microphone
11	X32 - 11	E-Drum Pad	DI-Box	We bring our own DI-Box
12	X32 - 12	Click	/	Pre-patched / Only for Monitoring (!)
13	X32 - 13	Backingtrack L	/	Pre-patched
14	X32 - 14	Backingtrack R	/	Pre-patched
15	DL16 - 07	E Bass	DI-Box	We bring our own DI-Box
16	DL16 - 08	Synth Bass	DI-Box	We bring our own DI-Box
17	DL16 - 01	Piano L	DI-Box	We bring our own DI-Box
18	DL16 - 02	Piano R	DI-Box	We bring our own DI-Box
19	DL16 - 03	Synth L	DI-Box	We bring our own DI-Box
20	DL16 - 04	Synth R	DI-Box	We bring our own DI-Box
21	DL16 - 05	MD (Talkback Mic)	Shure SM58	Only for Monitoring (!)
22	DL16 - 06	Vocals	Shure Beta58 Millenium SP31	We bring our own microphone & splitter Vocal signal runs through a XLR-Splitter OUT 1 = Dry Vocal signal (DL16 - 06) OUT THRU = to Audio-Interface for FX
23	X32 - 15	Vocal FX L	/	Pre-patched (Wet FX Signal only)
24	X32 - 16	Vocal FX R	/	Pre-patched (Wet FX Signal only)

QTY	REQUIREMENTS	NOTE
7	Microphone Boom Stands	3x short, 4x standard
15	XLR Cable	
1	CAT/AES50 Cable	M32-compatible, AES50-capable CAT cable between FOH and stage rack (not required if mixing via iPad)

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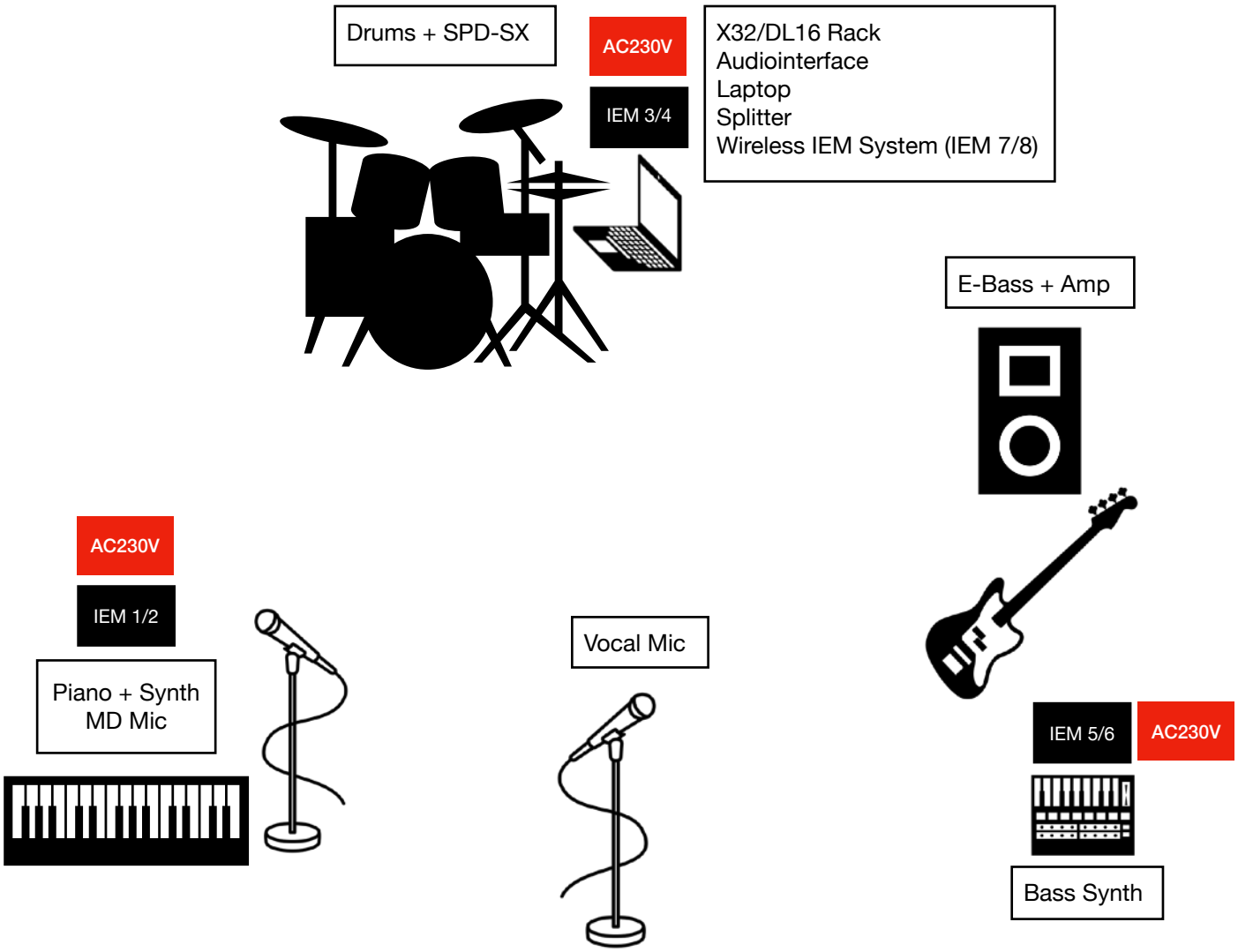
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OUTPUT LIST

#	OUTPUT	POSITION	REQUIREMENTS
MAIN L/R	X32 - AUX 5/6	RACK	Full-range PA system, appropriate for the venue size Subwoofers required
IEM 1/2 (Stereo)	DL16 - 01/02	KEYS	We bring our own wired, portable IEM system (Fischeramp Beltpack)
IEM 3/4 (Stereo)	DL16 - 03/04	DRUMS	We bring our own wired, portable IEM system (Fischeramp Beltpack)
IEM 5/6 (Stereo)	DL16 - 05/06	BASS	We bring our own wired, portable IEM system (Fischeramp Beltpack)
IEM 7/8 (Stereo)	DL16 - 07/08	VOCALS	We bring our own wireless, portable IEM system (LD Systems MEI 100 G2)

* **= All 4 musicians bring their own IEM monitoring system**

STAGEPLAN



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