



## Technical Rider – Sound and Lighting

This technical rider is incorporated into the attached contract.

### 1. Purpose

The purpose and intent of this rider is to clearly specify the equipment and support services required by m-pact to achieve the successful completion of this performance. Upon receipt, please read all rider provisions carefully and direct any questions or comments to m-pact and/or their representative.

### 2. Rider Alterations

Upon signing this contract rider, it is understood that the Purchaser will not add to, delete from, or make any alterations to the contract or rider without the written consent of an m-pact representative. **M-pact recognizes that each venue and event may have its own special circumstances or considerations. To that end, some provisions of this rider may be negotiated prior to the event.** However, any such amendments or changes must be agreed to before signing this rider, or with the separate written permission of an m-pact representative. If Purchaser has any questions regarding the contents of this rider or the ability to fulfill any of its provisions, please feel free to contact m-pact to discuss these concerns.

#### Technical Requirements:

Aaron Schumacher  
(214) 336-0254  
aaronshumachermusic@gmail.com

#### Show format & programming:

Jeff Smith  
(323) 377-2228  
jeff@m-pact.com

**Please return this rider, signed and dated, to m-pact's booking representative as soon as possible, retaining a copy for reference.**

### 3. Sound System Requirements

The Purchaser shall provide the following sound system and all appropriate personnel needed for its set up and operation. Please have the person(s) providing the sound system contact m-pact upon receipt of this technical rider to confirm adequate audio and technical support.

#### 3.1. Front of House

The front of house system should meet these specifications:

- Three-way or four-way stereo including sub-woofers on deck. If subwoofers are flown, additional subs on deck may be required. (Approved PA models: d&b, L'Acoustic, EAW, Meyer, Martin, or equivalent)
- Speakers must provide even coverage to every seat in the venue and deliver full fidelity audio and high SPL (30hz to 20,000hz @105 db at mix position. Please note: this does NOT mean the performance will run at this level)
- Speakers should be flown or elevated at least 4 ft. (1.5 m) above the audience's heads, again with subs on deck

#### 3.2. Equipment Provided by m-pact

M-pact will arrive at the venue with an inclusive rig covering their audio mixing needs, FX, and in-ear monitoring. This equipment will need to be placed immediately on the side of stage, with close accessibility to a single dedicated 110v 15amp outlet.

Equipment provided by m-pact will include:

- PreSonus StudioLive 16R digital audio mixing console
- Shure ULXD microphone transmitters and receivers
- In-ear wireless monitor system, including transmitters and receivers.
- ART S8 transformer-isolated XLR splitter

#### 3.3. Venue Sound Console

The FOH sound system's console should meet these specifications:

- One (1) 16-channel (minimum) mixing console (Approved brands: Midas, Allen & Heath, Soundcraft, Yamaha, or equivalent), positioned in the house. Must include 4-band parametric EQ per channel, onboard FX including reverb and tap delay, and a minimum four (4) aux sends per channel.
- The FOH master channels and all input channels, especially those allocated to the Left/Right (L/R) mix provided by m-pact, should have no active compression, limiting, or FX assigned.

### **3.4 Input Accessibility**

The venue must ensure that 8 XLR inputs are readily available and conveniently located at the side of the stage for easy access and connection to m-pact's audio equipment. These inputs should be connected to the Front of House (FOH) mixing console to facilitate seamless audio integration. Two of these XLR channels will be provided by m-pact's side-stage mixing console and designated for a Left/Right (L/R) mix. The remaining 6 inputs will be sourced from m-pact's transformer-isolated splitter, serving as a backup solution in the event of unexpected equipment failure or other technical issues.

### **3.5. Monitor System**

M-pact will provide their own in-ear wireless monitor system for the engagement, including receivers, transmitters, ear buds, and mixing console. A monitor mixing engineer is not required, as all monitor settings will be set during sound check. However, in the event of unexpected equipment failure, loss, RF interference, etc, it is requested that the venue have a back-up monitor system available, which should include:

- Six (6) high-quality floor monitors, with 2 mixes controlled from FOH console or, if needed, a separate monitor console.

### **3.6. Microphones, Stands, Stools, Table**

M-pact will provide their own microphones and mic clips. Additional stage props must meet these specifications:

- One 4x8 ft table on side of stage
- Six (6) round-base straight mic stands, without booms
- Six (6) matching bar-height stools
- One (1) 220-to-110 volt electrical transformer (for venues outside North America)

*See stage plot for particular off-stage mic/monitor set up, as both need to be accessible just offstage.*

### **3.7. Sound check**

M-pact requires a minimum 90-minute sound check and tech rehearsal, scheduled at least three hours prior to opening the house. The sound system's full set-up, patching, line-checking, troubleshooting, and system EQ-ing should be complete prior to the scheduled sound check. All personnel responsible for audio should be present for the entire duration of the sound check. M-pact personnel will arrive approximately 90 minutes prior to sound check for load-in and patching of m-pact's L/R mix, microphones, and in-ear monitor equipment. During the sound check, Purchaser will ensure the house is clear of everyone except those people directly involved in the sound check or other approved m-pact guests.

## **4. Lighting Requirements**

Stage lighting is necessary for all indoor performances and any outdoor performances after sunset.

Please inform Aaron Schumacher ([aaronschumachermusic@gmail.com](mailto:aaronschumachermusic@gmail.com)) of the following in-house equipment:

- Dimmers: types and number of all onstage and FOH fixtures
- Intelligent fixtures: types and number of all onstage and FOH fixtures
- Control: brand of console, make, and location

M-pact typically travels with a Lighting Designer trained with our show. Below is a list of lighting fixture examples and functionalities that are required for this purpose.

Lighting requirements:

- General stage wash which covers the entire designated stage area.
- Onstage back lighting. Preferably LED pars or intelligent fixtures.
- DSC wash special from FOH
- (6) individual specials evenly across down stage from FOH
- (1) Console that is pre-patched and functional (rentals programmed before m-pact's arrival)
- (1) Lighting Technician or Technical Director on site for any necessary assistance.

If a venue's lighting installation/rental is unable to provide the full range of the functions listed above, Purchaser must inform m-pact of all lighting limitations at the time of this agreement signing. In this case, Purchaser/venue should provide at least one qualified lighting operator in lieu of m-pact's touring Lighting Designer. M-pact can then provide a detailed program overview of repertoire, song order, and format, as well as descriptive aspects of each piece, such as tempo, genre/style, and mood/vibe. The group can offer lighting suggestions based on prior successes, however, they will be relying heavily on the expertise and creativity of the house lighting or technical director to provide the best possible visual experience for the audience, given the equipment available and nature of the event. While m-pact retains final artistic license, the ensemble will be happy to modify program components within reason to meet specific needs or requests of Purchaser.

## 5. Video

If the venue is equipped with a high-quality video projection system, m-pact will require provisions to support live video during the performance. The venue should provide a professional-grade video projector and/or screens positioned behind the stage, capable of displaying visuals at a resolution of at least 1080p (1920x1080 pixels) to ensure crisp and clear images for the audience.

In order to facilitate smooth integration of m-pact's video content with the venue's projection system, a single HDMI video input must be made accessible at the side of the stage (placed with m-pact's audio equipment). This input will be used to connect m-pact's video source to the venue's projector or screen system. The venue should also ensure that the projection system is compatible with various frame rates and video formats to accommodate m-pact's video content without the need for additional converters or adapters.

It is crucial that the venue's technical staff works closely with m-pact to coordinate the setup, testing, and operation of the video projection system prior to the performance. This collaboration will help identify and address any technical issues and ensure a seamless visual experience for the audience during the show.

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Purchaser

date

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For Artist

date