

# **TECHNICAL RIDER**

## **POKAZ TRIO (LIVE)**

### **PA SYSTEM**

High performance 3-4-way line array modules;

SPL 120dB continuous, 130 peak;

Frequency 50Hz-18KHz  $\pm$  3dB;

Dispersion (-6dB) 120o horizontal, 90o vertical.

The power of the portals must correspond to the size of the stage, the location and the number of seats in the hall, necessarily a preliminary discussion of the capacity and configuration of the portal system for each stage.

The sound pressure must be at least 110 dB SPL in the area of the sound engineer's console.

Acoustic system (L'Acoustics, Meyer Sound, D&B Audiotechnic, ADAMSON, Nexo, DYNACORD COBRA and other).

### **F.O.H.**

Console -Only digital !!!! preference for DIGICO SD, Yamaha CL5, M7CL, Digidesign.

Need backlight and talkback.

The mixing console should be placed in the direct sounding zone of the acoustic system.

## **STAGE**

### **MONITORS**

1 aux – LINE PIANO - 2 mon.

2 aux – LINE BASS - 1 mon.

3 aux – LINE DRUMS – 1 mon. (or in-ear)

### **MICROPHONES**

3 Shure SM 81 microphones or equivalent (Over Heads, Hi Hat);

3 microphones Shure SM 57 or equivalent (Snares and drummer vocal);

2 Audix microphones D2, D4 or equivalent (Toms);

1 microphone Audix D6, Shure Beta 91 or equivalent (Bass Drum);

2 microphones DPA 4099 or equivalent condenser microphones for piano.

1 Shure SM 58 for piano player

## PIANO

Tuned grand piano

2 Di-box or 1 stereo Di-box

2 jack-jack cables

1 power socket

If variant with electric stage piano (negotiated separately) it will be Nord stage 3 88ha with factory presets (with triple pedal and one more power socket) and place for laptop and midi keyboard (table or second tier with shelf on keyboard stand).

## DRUM KIT

Bass Drum : 18"/20"/22"

Toms: 12", 16"

Snares: 2 metal snares

Stands: 4 stands for cymbals, 1 for hi hat, 2 for snares, bass drum pedal, drum throne, 1 stand/table for percussion.

Carpet for drum kit.

Cymbal set: hi hat 14"+, crashes 18+, rides 20+, thin/medium-thin/dark/jazz/low series, effect cymbals, stacks (zildjian k/constantinople/a/oriental is better, or paiste

twenty/signature/2002/big beat/pstx, istanbul, turkish,

sabian aa/aax/hh/hhx/artisan, meini byzance, or another nut budget cymbals)

Drumheads: Remo is better.

On toms: double ply clear/coated/ebony (Remo emperor/vintage emperor/remo pinstripe/remo powerstroke 4)

On snares: one single-ply coated, and one double-ply coated/ebony/clear/powerstroke.

Drumheads must be in good condition.

The hi-hat stand must be heavy and stable, not budgetary series, with 3 legs.

All stands, pedals, mechanical parts must be in good condition, not broken.

1 microphone Shure SM-57 or beta, boom stand for mic, cables for vocal processor, power socket.

## BASS

Bass amplifier - Gallien Krueger 700RB Ampeg SVT pro 2 or 4. Cabinet 4x10.

1x Di-box

1x bass stand

1x music stand

Power socket

## MICROPHONE STANDS

Stands for microphones on drums, one stand for speech microphone, one boom stand for drummer, stands for piano microphones (if necessary)

## POWER

It is necessary to provide electrical power for all equipment that will be used during the performance. The power connection must be 3-phase grounded, **the sound power input must be separate** from the one that used for the light, the screen.

## NOTES

All equipment must be installed, connected and verified before the band starts tuning. All equipment and cables should be placed so as to provide maximum free space and do not interfere with the work of personnel and teams on the stage.

At the beginning of the soundcheck, the system must be tested and adapted to the acoustic conditions of the sounded site by the technical service of your sound company. The venue must be completely ready for the concert before the band arrives, the sound and light equipment is switched, the drum set is exposed, microphones on drums must be installed after drummer tune the drums, all the services providing the technical equipment of the concert must be ready for work and be at their workplaces (including the illuminators on the "guns"), an electrician for the whole time of tuning and a concert is at the workplace in case of a power outage.

The organizer is obliged to bring all the requirements stated in the rider to his technical specialists.

