

I. Melodka – Sound system

1) FOH system

Total FOH System Power: 10 000 W RMS

Power rate: aprox 33 W / listener (35 Hz – 20 kHz @ - 3 dB)

Max. peak SPL in FOH position: approx. 124 dB

Subs:

Subwoofers: 4x **18"** (**RCF Speakers** in dB Technologies enclosures)

Subwoofer amps: 2x **Crown XTi 4002** in bridge mode

Total subwoofer power: 6400 W RMS

Max. SPL: 145 dB @ 1m (calc.)

Top:

4x **dB Technologies Ingenia IG3T** (2x10" + 1,4", 900 W) – flown active hybrid system with digitally steered coverage

Total power: 3600 W RMS

Max. SPL: 138 dB @ 1m (calc.)

2) Monitor system (driven from FOH console)

Total power: 3500 W RMS

Monitor Aux lines: 4x Aux line for wedges + 2x line for IEM or other wedges (IEM not provided, bring your own).

On demand up to the 7 stereo/mono Aux lines altogether (7 is total number, no matter if stereo or mono).

Wedges:

4x **dB Technologies LVX XM12** (600 W active koax. 12" + 1")

Total wedges power: 2400 W

Max. SPL: 127 dB (calc.)

Drumfill:

1x subwoofer **dB Technologies SUB05D** (500 W, active 15") + 1x top **dB Technologies LVX XM12** (600 W active koax. 12" + 1")

Total drumfill power: 1100 W

Max SPL: 129 dB (calc.)

3) Mixing console

DiGiCo S21 + DMI-MADI + D-Rack – 96 kHz/24-bit

Installed AD inputs: 52 (56 in 48 kHz mode)

Installed DA outputs: 20

Digital outs: 1x AES/EBU (stereo)

Mic Headamps: 52 (56 in 48 kHz mode)

Mic/Lines from Stage to FOH: 39 (43 in 48 kHz mode)

Lines from FOH to Stage: 16 (8 already used, 8 free)

Total number of Buses: 16 (Aux/FX/Group, stereo or mono)

Monitor Auxes: 6-7 (stereo or mono)

FX Auxes: 3-4

Groups: 5-6

DCAs: 10

Matrix: 10x8

4-way param. EQ: all In/Out channels

HPF + LPF: all In/Out channels

1/3 oct GEQ: 16 (assignable to all channels)

Compressor: all In/Out channels (up to 4x assignable Multiband comp)

Gate: all In/Out channels (switchable Gate/Ducker/SC Comp)

Delay: all In/Out channels

Effects: 8x (reverb, plate, TAP delay, enhancer etc.)

4) Rack

48 channel Patch Bay

1x DBX DriveRack PA

1x SPL Transient Designer (2 chan.)

2x Lindell Audio PEX500 (Pultec style passive EQ)

1x RTA with Measurement Mic

5) Multitrack Recording

Up to 48 channel multitrack recording in 48 kHz/24-bit quality.

Recorded signal is „raw sound“ from microphones, not affected by live processing. Ambient sound from venue is also recorded.

(Recording is not included in standard package of services. Extra fee 700,-CZK/30 EUR per one band. Please contact our manager or sound engineer in advance)

6) Microphones by brand

AKG:

P200 2x

P100 1x

Audio - Technica:

AE3000 1x

ATM450 1x

Audix:

D6 2x

D4 1x

D2 4x

I5 2x

OM2 5x

ADX51 2x

MXL:

606 2x

Shure:

Beta 58A 3x

Beta 57A 1x

Beta 91A 1x

SM58 5x

SM57 4x

7) Microphones by type

Vocal:

Audix OM2 5x

Shure Beta 58A 3x

Shure SM58 5x

Dynamic instrument:

Audix i5 2x

Shure Beta 57A 1x

Shure SM57 4x

Kick:

Audix D6 2x

Shure Beta 91A 1x

Drums:

Audix D4 1x

Audix D2 4x

Small membrane cond.:

AKG P100 1x

Audix ADX51 2x

Audio – Technica ATM450 1x

MXL 606 2x

Large membrane cond.:

AKG P200 2x (for ambient recording only)

Audio – Technica AE3000 1x

8) Accesories

1x Art DPDB 2 channel passive DI

2x Art Dual X-Direct 2 channel active DI

1x BBE DI400 4 channel DI + Sonic Maximizer

Stands, cables etc. in sufficient quantity:)