
Technical requirements
DakhaBrakha
Updated 02/12/2021 (6 pages)

Please read carefully prior to signing contract.
Please distribute a copy of this rider to all staff involved in the technical set up.



GENERAL

- To make concert «DakhaBrakha» possible it's necessary to follow out ALL the items of this document. Otherwise band reserves the right to:
 - Cancel the concert without return of payment
 - Hang up the doors opening and keep technical check till all technical defects of the system will be recovered, or out-of-service or inapplicable (to items of this document) equipment will be replaced
- The performance space must be technically prepared and available exclusively to Artist for a technical check
- All technical set-ups must be completed before Artist arrives on site. Sufficient personnel shall be present to assist in the technical check and, if needed, make adjustments. These personnel must remain present on the premises until the technical rehearsal has been completed
- If you have any question or problem according to any item of this document - please contact us!

STAGE

- 4 seated people on stage all
- A riser is needed when the audience in the front rows can't see the musicians. Size min. 3m (depth) x 7m (width). Height - 50cm/60cm
- We need 1 chair without arms (for cellist)

SOUND

- Time required for set-up – 30 min. Time for sound check – minimum 1 hour
- All components of sound system must be installed, plugged and checked before their arriving.
- Presence of sound operator plus minimum 1 stage man during whole sound check and show is obligatory.

SOUND EQUIPMENT:

• Main Stereo PA:

1. Line array systems: d&b audiotechnik, Meyer Sound, L-Acoustics, Adamson, EAW
2. Active division on 3-4 lines: Sub, Low, Mid, Hi
3. Power and configuration of the system has to be coordinated with band's sound engineer. But system can't be less 5000 Watt/RMS even in the smallest venue.
Pointer: sound pressure 105 dB in the acoustic center of venue
4. If you don't use fabric (standard) presets, system processor has to be unlocked and available for changing all preferences.
5. In the venue more than 1000 people capacity the usage of line array is obvious. Calculating of power – 1000 Wt./RMS for 100 people!
6. PA System must be configured with separate Main (L+R) Buss & Subwoofer Buss.
7. Subwoofer system need to be in cardioid direction.

• FrontFill:

1. Acoustic of small sizes and low power for amplification first rows in a big venue, open air and in venues with wide stage
2. Two-four low-profile cabinets, minimum 300 Wt. each.

FOH:

FOH location should be exactly in the center of action of sound components, in front of the stage. To count the right FOH location, please use the rule of isosceles triangle. No any exceptions – FOH can't be behind or sideways of the stage, behind the screen, in acoustic hole. Sound engineer should have possibility to see the whole stage.

FOH Limiters/Compressors:

1. It's impossible to use artificial limiters in system. Possible to use only fabric presets of limitation of level
2. Customer and equipment supplier promise to provide full and unobstructed access for sound engineer to all parts of sound system.

FOH MIXING CONSOLE (Only digital):

- YAMAHA CL5, RIVAGE PM10/7/5
- ALLEN & HEATH dLive S7000
- MIDAS PRO series (**no PRO1 please**)
- DiGiCO SD series (**no SD11 please**)
- AVID S6L or Venue Profile System
- Soundcraft Vi series

- Consoles YAMAHA LS9, Behringer X32, Presonus and similar – **NO please**

BACKLINE (we need):

- Grand piano **or** weighted full size keyboard 88 keys (with sustain pedal) – Nord Stage 3, ROLAND KR-111, ROLAND RG-3, ROLAND LX-10, Yamaha CLP-295GP, Yamaha N3, KAWAI CA91, Kurzweil
- Keyboard stand (we don't need it if we use Grand piano)
- Djembe (d=30-35 sm, leather) **with djembe stand** (for playing sitting on chair)
- Cajon
- Stand for cello
- Ride or Crash cymbal (18''-20'') with stand (Zildjian A custom)
- Hi-hat with stand (Zildjian A custom)
- Snare drum 14'' x 6,5'' Tama STAR, Starclassic, Yamaha Maple Custom, Sonor
- 1x Snare drum stand
- 2x Adjustable drum thrones
- 1x Drum carpets 2m x 2m
- 2x Boxes or small tables for small instruments, sticks and brushes (not high)
- 4x Active D.I. (Cello clean + Cello fx + Keyboard) (BSS AR-133 or Klark, Radial)
- 7x Instrumental microphones:
 - Bass Drum – Shure beta 52A (our short stand)
 - Snare – Sennheiser E 904
 - F. Tom (top) – Sennheiser E 904
 - Ride + Hi-hat – SM 81
 - Cajon – SM 57
 - Darbuka – SM 57
 - Djembe – SM 57
- 5x Microphone booms (2 short booms, 2 medium booms, 1 tall boom)
- 220v power supply for Keyboard and Cello

MONITORING:

- **We bring** our Wireless monitors (in-ear) with transmitters/receivers: 2 Sennheiser EW 300 IEM G3 / A-Band Bundle, Range A 516-558 MHz
- **We need** 8 fresh AA batteries for wireless systems for each show (DURACELL Industrial)

We will bring next instruments:

- Bass Drum
- Floor Tom
- Darbuka
- Accordion
- Cello

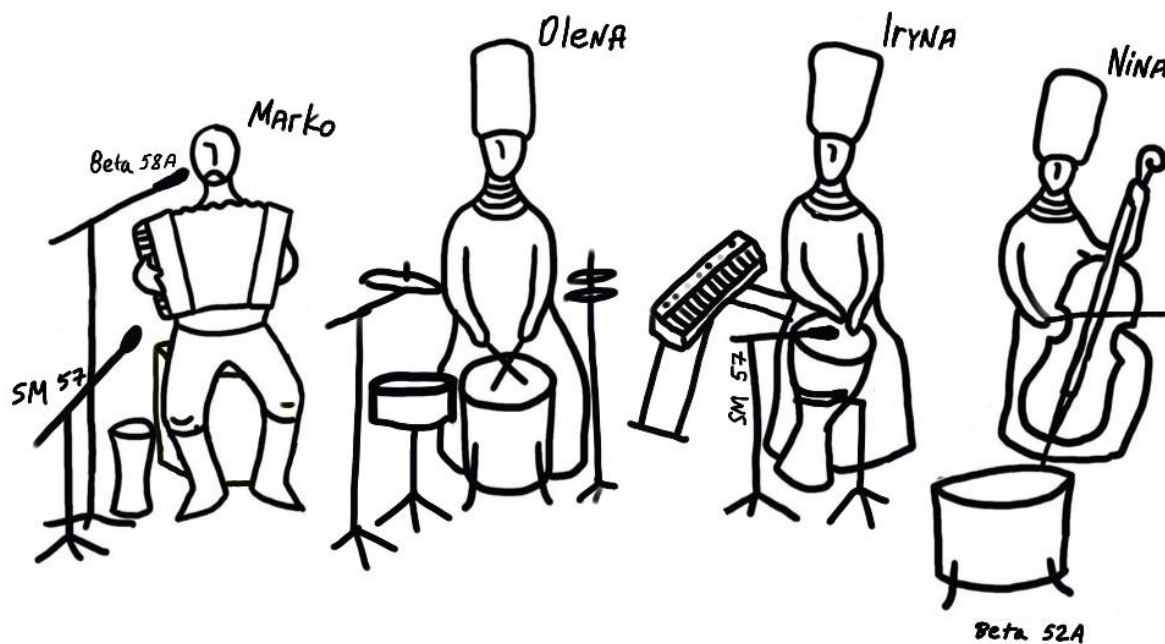
INPUT LIST /Patch List

Input	Instrument name	Signal	Stands, Sources	Note
1.	Bass Drum (Iryna)	Shure Beta 52A	Short stand (our)	
2.	Snare (Olena)	Sennheiser E 904	Clip on	
3.	Ride Cymbal + Hi-hat (Olena)	Shure SM 81	Medium boom	+48v
4.	Floor Tom Top (Olena)	Sennheiser E 904	Clip on	
5.	Floor Tom Bottom (Olena)	Shure Beta 52A (our)	Short stand (our)	
6.	Cajon (Marko)	Shure SM 57	Short boom	
7.	Darbuka (Marko)	Shure SM 57	Short boom	
8.	Djembe (Iryna)	Shure SM 57	Medium boom	
9.	Right hand of accordion (Marko)	DPA 4099A (our)	Rubber Clamp Clip-on	+48v
10.	Left hand of accordion (Marko)	DPA 4099A (our)	Rubber Clamp Clip-on	+48v
11.	Keyboard L (Iryna)	BSS AR133 or Klark DN100	Active DI	+48v
12.	Keyboard R (Iryna)	BSS AR133 or Klark DN100	Active DI	+48v
13.	Cello Clean (Nina)	BSS AR133 or Klark DN100	Active DI	+48v
14.	Cello Fx (Nina)	BSS AR133 or Klark DN100	Active DI	+48v
15.	Vocal (Marko)	Shure Beta 58A (our)	Tall boom	
16.	Vocal (Olena)	DPA headset (our)	XLR	+48v
17.	Vocal (Iryna)	DPA headset (our)	XLR	+48v
18.	Vocal (Nina)	DPA headset (our)	XLR	+48v
19.	Talk Back mic	Handheld mic with on/off switch		Located near the FOH

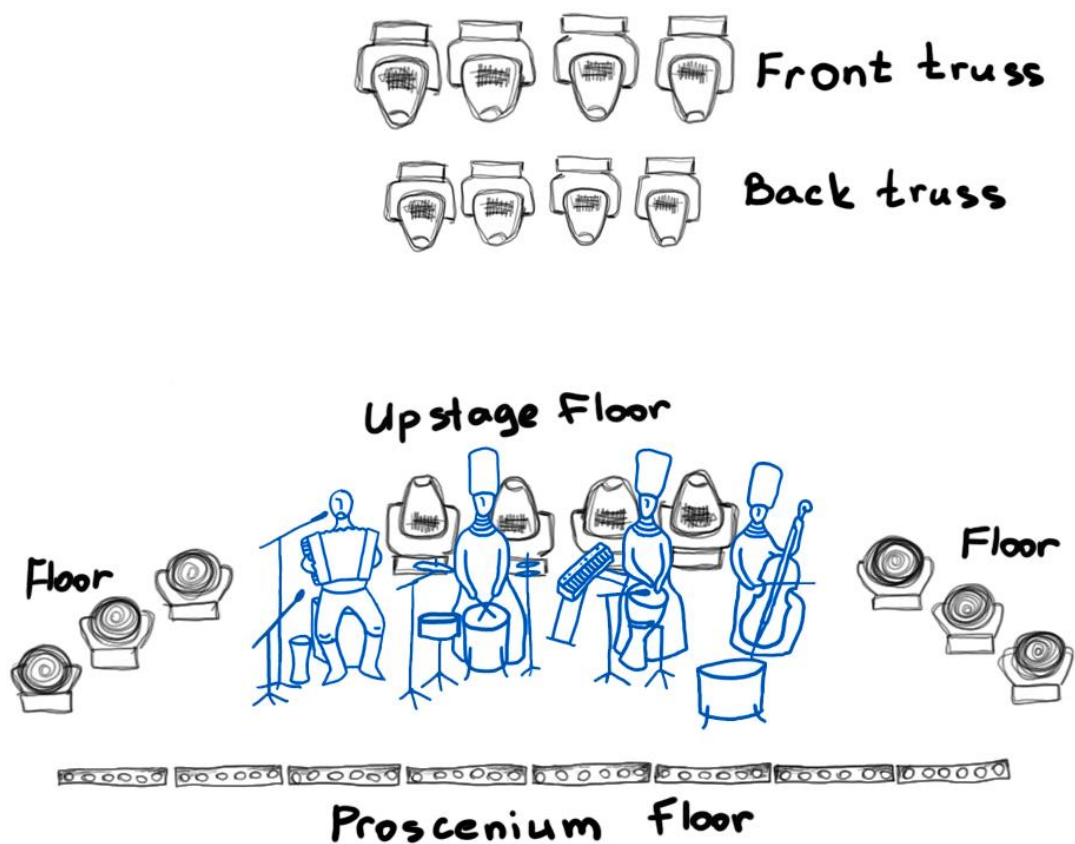
OUTPUT/Patch List

Output Buses	Name	Quantity
1.	M1 (Marko)	1 wireless In-ear
2.	M2 (Olena)	1 wireless In-ear
3.	M3 (Iryna)	1 wireless In-ear
4.	M4 (Nina)	1 wireless In-ear

STAGE PLAN



LIGHT



Contra light:

- 4 washes (lamp or RGBW) diode on stage floor
- 4 spots 750-1200 on truss

Front light:

- 4 washes (lamp or RGBW) or 4 spots - on front truss

Decorative light:

- 8 LED BARs 6px RGBW or analog downstage on floor
- 6 LED washes on stage floor - preferably with macro

2 dmx hazers

VIDEO

- We need video projector 15000-22000 lumens ANSI placed in the center of stage width as far from the stage as the projection rate demands. The lense and the position of video projector should be enough for the projection to cover the whole stage width and height. If the projection and stage portal aspect ratios doesn't fit - it is not a problem, we will deal with it by our own video program.
- We prefer the video projector to be hung than to be placed at the level of musicians due to the eyes harm.
- The projection surface could be different: the light coloured backdrop, back wall (even with bricks), any type of projection screen.
- We provide HDMI output from your notebook.
- **We have one person who make the light and video, so we need to have a signal cable for video in the same place as the light one.**
- In case of the LED screen in the venue just contact us to discuss

HOSPITALITY

- 1 or two lockable dressing room
- 1 - 6 foot mirror
- electrical outlets
- Internet connection
- clothing rack to hang costumes & 4 towels
- cleansing wipes
- WC near the dressing room accessible only for artists and crew
- Min. 7 chairs

CATERING RIDER

- On arrival:
 - min 7 liters of still mineral water (in a bottles);
 - tea (black, green, herbal);
 - coffee, milk, sugar;
 - lemons;
 - a selection of natural fruit juices (minimum 2 liters);
 - fruit and vegetable trays or local seasonal fruit (avocado is important);
 - nuts;
 - 12 vegetarian and non-vegetarian sandwiches (fish is possible and welcomed);
 - some sweets (candies, cakes, biscuits), chocolate (dark)
 - 1 bottle of dry wine (white)
- 7 warm meals – served 2 hours before performance or \$20/person buyout to be given to tour manager at time of arrival;
- Dietary Restrictions: Marko is pescatarian and can't eat spinach and other green leaves. Iryna Kovalenko – no pork. No Curry for anyone.