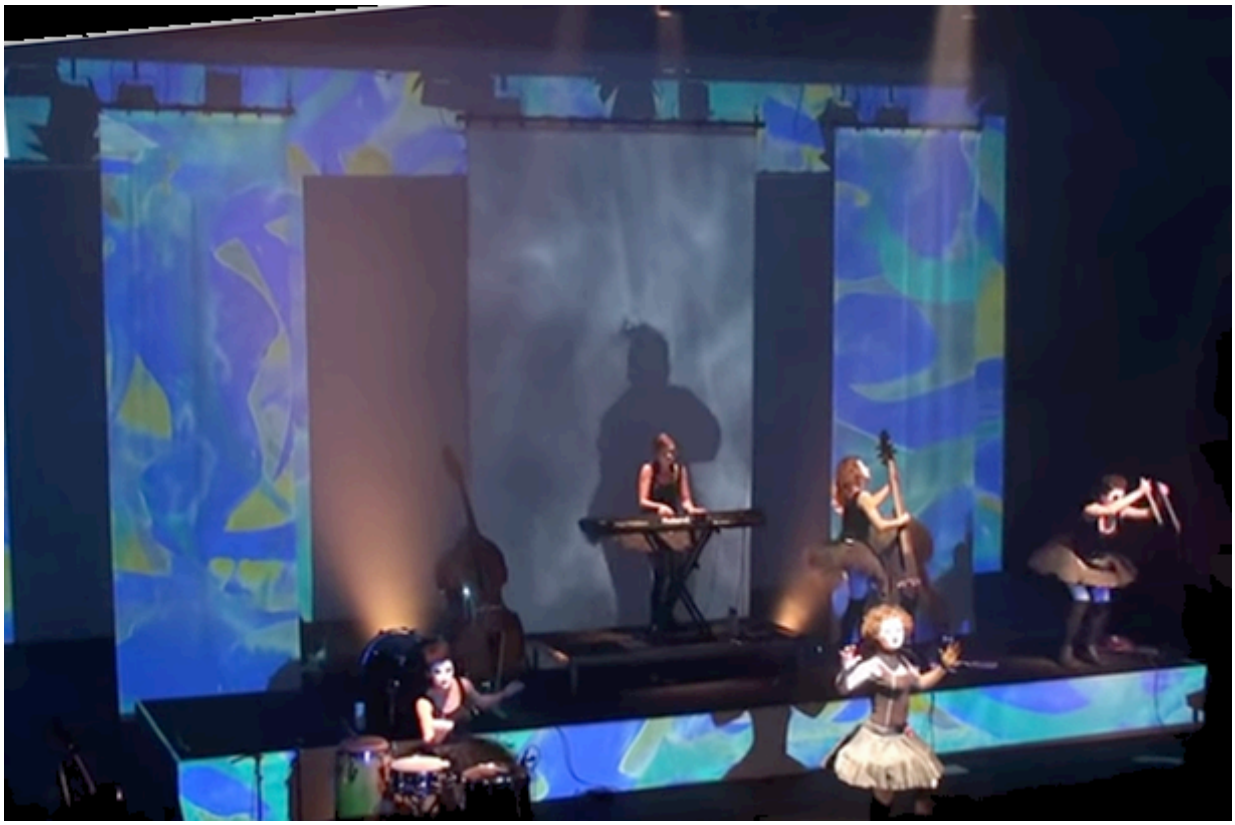
dakhdaughters@gmail.com +38-067-235-94-06

Technical requirements
DAKH DAUGHTERS (Ukraine)
Updated 13/02/2019 (7 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 «DAKH DAUGHTERS BAND» 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 (sound, light, video)
- 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

- Minimum stage dimensions: 8 x 5 m, height – 5 m
- Riser: 8 x 2 m, height – 0,4–0,5 m
  If the stage is less than 10 m width, the riser should be 6 x 2 m
- The front side of riser should be covered by white or light grey stage skirt – for the front video projection
- 3 chairs without rests

SOUND

Sound engineer:

Maksym Taran +38 (063) 719 55 65, e-mail: makstaran07@gmail.com

- Dakh Daughters Band needs **2 (two) hours** of pure time for sound check
- The sound engineer and technician will arrive 1 hour before the beginning of Sound Check with the band. 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 is obligatory.

SOUND EQUIPMENT:

- **Main Stereo PA:**
  1. D&B audiotechnik, L-Acoustics, Meyer Sound, Adamson, EAW
  2. Active division on 3-4 lines: Sub, Mid, Low, 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.
- **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.

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,
- SOUNDCRAFT Vi series
- MIDAS PRO series (no PRO1 please)
- DIGICO SD series (no sd11 please)
- AVID S6L or Venue Profile System

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

MONITORING:

- **We need 8 (eight) Wireless monitors (in-ear) with earphones:**
  - Sennheiser SR2000 / SR3000
  - SHURE PSM 900 / 1000
  - All systems switched to mono/focus mode.

All wireless systems are obviously switched with active combiners with usage of outside antennas.

BACKLINE list from local technical provider:

- Weighted full size keyboard 88 keys (with sustain pedal). Model - Roland RD 700/800 or similar
- X-bracing keyboards stand
- 2 (two) Double Basses **with pickups** (D. Gage "The Realist" or similar)
- Accordion **37 keys, 96 basses, format 7/8**. One of these models: Weltmeister, Horch, Hohner, Fantini
- Kick drum 22" or 24'' Possible models - Tama STAR or Starclassic, DW, Yamaha Maple custom, Ludwig with Kick drum pedal Tama Iron Cobra or DW 9000
- Snare drum 8"x14" (preferred) or 6,5"x14" Tama STAR, Starclassic, Yamaha Maple Custom, Sonor with Snare drum stand
- Ride cymble with stand (Zildjian A custom)
- Conga drum 11'' LP Giovanni or Meinl Headliner without stand
- 2 (two) adjustable drum stools
- 8x Active D.I. (BSS AR 133, Klark, Radial)
- 1 Stand for acoustic Guitar
- 1 Stand for Cello
- 2 Mic stands for our antennas for wireless microphones

We will bring:

- 2 (two) cellos – Cello 1, Cello 2
- 2 (two) stands for Double basses
- Guitar Acoustic
- Violin
- Floor Tom

WIRED MICROPHONES:

- 2x Shure Beta 52 (2 short stands) –Kick drum, Floor tom Bottom
- 2x Sennheiser E 904 (clip-on) – Snare, Floor tom Top
- 1x Shure SM 57 (medium stand) – Conga
- 1xShure SM 81 – Ride cimble
- 2x DPA 4099 (clip-on) – Accordion L+R

WIRELESS MICROPHONES:

We will bring:

- 6 (six) wireless systems, headsets and transmitters/receivers.
  Sennheiser EW 500 G3 series Freq. range 566-608 MHz

We need:

- 2 (two) additional wireless systems, transmitters/receivers. (1 for performance + 1 spare)
  Sennheiser EW 500 G3 series Freq. range 566-608 MHz
- 2 (two) headset microphones **DPA D-FINE FIDC-002** **(link to web site)**
  or **DPA D-FINE 4088** **(link to web site)**
- 28 fresh AA batteries for wireless systems for each show and 1 fresh 6LR61 battery for Guitar Acoustic

Dakh Daughters Technical rider
dakhdaughters@gmail.com +38-067-235-94-06

INPUT LIST /Patch List

Input	Instrument name	Signal	Stands, Sources	Note
1.	VOX 1 (SOLYA)	Our	Wireless Headset **our**	Receivers located near the stage box
2.	VOX 2 (RUSYA)	Our	Wireless Headset **our**	Receivers located near the stage box
3.	VOX 3 (TANYA)	Our	Wireless Headset **our**	Receivers located near the stage box
4.	VOX 4 (BIDA)	Our	Wireless Headset **our**	Receivers located near the stage box
5.	VOX 5 (ZO)	Our	Wireless Headset **our**	Receivers located near the stage box
6.	VOX 6 (ANYA)	Our	Wireless Headset **our**	Receivers located near the stage box
7.	VOX 7 (NINA)	Our	Wireless Headset **From provider**	Receivers located near the stage box
8.	Kick	Shure Beta 52	Short stand	
9.	Snare	Sennheiser E 904	Clip-on	
10.	Ride	Shure SM 81	Tall boom	
11.	Floor Tom top	Sennheiser E 904	Clip-on	
12.	Floor Tom bottom	Shure Beta 52	Short stand	
13.	Conga	Shure SM 57	Medium boom	
14.	Double Bass 1	BSS ar133 / Klark DN100	Active D.I.	+ 48v
15.	Double Bass 2	BSS ar133 / Klark DN100	Active D.I.	+ 48v
16.	Cello 1	BSS ar133 / Klark DN100	Active D.I.	+ 48v
17.	Cello 2	BSS ar133 / Klark DN100	Active D.I.	+ 48v
18.	KEY L	BSS ar133 / Klark DN100	Active D.I.	+ 48v
19.	KEY R	BSS ar133 / Klark DN100	Active D.I.	+ 48v
20.	ACC (Accordion) L hand	DPA 4099A	Rubber Clamp Clip-on	+ 48v
21.	ACC (Accordion) R hand	DPA 4099A	Rubber Clamp Clip-on	+ 48v
22.	Violin	BSS ar133 / Klark DN100	Active D.I.	+ 48v
23.	Guitar Acoustic	BSS ar133 / Klark DN100	Active D.I.	+ 48v
24.	Talk Back mic	Handheld mic with on/off switch		Located near the FOH

OUTPUT/Patch List

Output Buses	Name		
1	M1 “Solya”	1 wireless In-ear	Transmitters located near the stage box
2	M2 “Rusya”	1 wireless In-ear	Transmitters located near the stage box
3	M3 “Tanya”	1 wireless In-ear	Transmitters located near the stage box
4	M4 “Bida”	1 wireless In-ear	Transmitters located near the stage box
5	M5 “Zo”	1 wireless In-ear	Transmitters located near the stage box
6	M6 “Anya”	1 wireless In-ear	Transmitters located near the stage box
7	M7 “Nina”	1 wireless In-ear	Transmitters located near the stage box
8	M8 “Spare”	1 wireless In-ear	Transmitters located near the stage box

LIGHT

Volkova Mariia, svetfreia@gmail.com**, +38 095 522 41 03**

In theatre type venue we need:

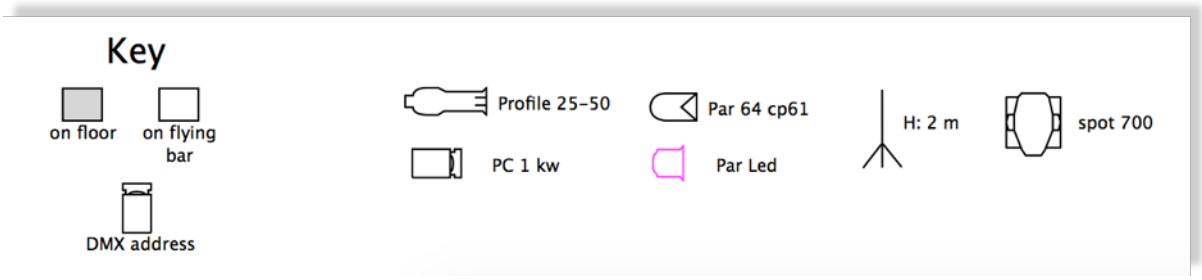
- 9 Profiles 25-50° 750-1000 W
- 9 PC 1000 W
- 7 PAR64 CP61 1000 W
- 6 LED PAR 10-30°
- 6 spots 700-1200 W
- 4 stands h=2 m for PCs
- smoke machine

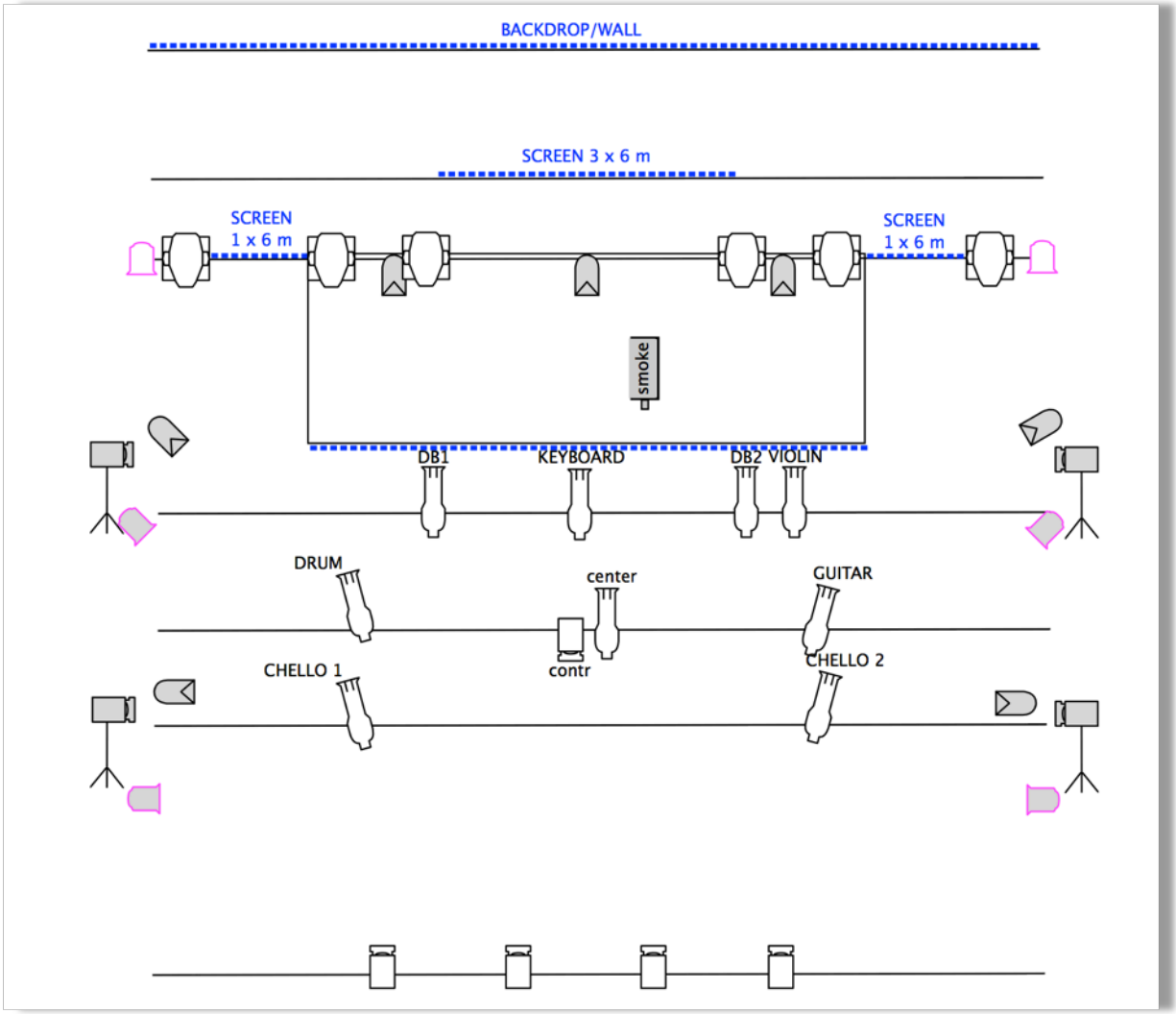
For the openairs, specific venues – please, contact us – there we totally change the lightplot in favor of more intelligent lights. We could adjust it for the kit the venue has.

We use grand MA 2 software for the light. If you have console of this family, we just ask you for the patch and will bring our show on USB stick.

If your console is of another system – please, contact us, we could bring our on PC version.

We control our video from light console by Artnet, so your grandMA Artnet system should be able to accept one more member near the light console – our vj’s computer.





VIDEO

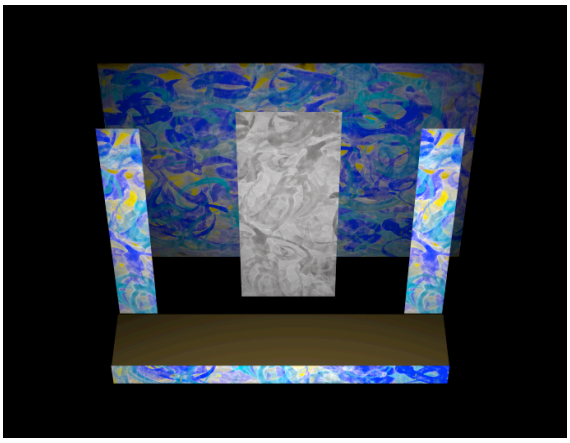
Volkova Mariia, svetfreia@gmail.com, +38 095 522 41 03

Front video projection – 16 000 - 20 000 ANSI lumens, the lens should let the projection open over the whole stage width.

We provide HDMI or VGA output from our vj's computer.

Screens (**provided by venue**) – all could be made of textile, paper, mesh, oilcloth – should be white or close-to-white color:

- central screen: 6 x 3 m, vertical
- side screens: 6 x 1 m, vertical
- riser skirt: 8 (6) x 0,5 (0,4) m, horizontal
- backdrop or empty back wall



We control video and light by one person, so the vj's computer must stand next to the light console – in that case signal cable for video should start there.

SUBTITLES

We use always titles during our performances. We can use the venue surtitling system, if it exists. Sometimes we need person who will run them, the ideal variant if he knows Ukrainian, but if no it's also possible. We have general English variant, if you want to translate lyrics on your language we can discuss this and send you original lyrics.
Usually we use such applications - Qstit for Windows and Glypheo for Mac. We need your computer (notebook) with HDMI out. If you need more detailed specification, please write to Mariia – svetfreia@gmail.com, cause after discussing video setup with your crew, some changes are possible.

HOSPITALITY

- 1 or 2 secure dressing rooms with lockable doors and keys near the stage (big enough for 10 people)
- min. 10 chairs
- electrical outlets
- iron + irondesk
- enough light for make up
- 7 make-up tables
- clothes rack to hang for costumes
- 1 – 6 foot mirror
- 7 middle cotton towels
- tissues for make-up removing
- wet towel wipes
- WC and shower are near the dressing rooms (separate from audience)

CATERING RIDER

- On arrival:

- min 7 litres of still mineral water (in a bottles);
- tea (black, green, herbal);
- coffee;
- milk;
- sugar;
- lemons;
- a selection of fruit jucies (minimum 3 litres)
- fruit and vegetable trays or local seasonal fruit (avocado is important);
- nuts;
- 20 vegetarian and non-vegetarian sandwiches (fish is also possible);
- 2 bottle of dry wine
- 10 warm meals – served 2 hours before performance or $20/person buyout to be given to tour manager at time of arrival;

- Dietary Restrictions: Ruslana – vegan (no meat, no fish, no eggs), Tetiana, Vlad – pescatarians (no meat). Nina – no curry.