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**BALANESCU QUARTET and KLAUS OBERMAIER**  
**(PLEASE DESTROY ALL PREVIOUS VERSIONS OF THIS RIDER)**

This Rider forms part of the contract of engagement of the Balanescu Quartet and Klaus Obermaier

MARIA T with Video [rev 3.2] 30.05.2015

Page 1 - GENERAL INFORMATION

**SOUND** - the Balanescu Quartet's music is written to be played through a PA system, and will not work acoustically even in a small hall. They need a high quality PA with plenty of power, like Meyer, or L'Acoustics. The speaker system must give an even sound coverage to all parts of the auditorium. The mixing desk position must be in the center of the body of the hall, not at the side, under a balcony, on a balcony or behind glass, and not on a riser. The space of five seats will be required.

The quartet's sound engineer, David Kent, will arrive at least 2 hours before the sound check. Both the main PA system and any monitors must be free of "Hum, Buzz" and any other interference.

An English speaking (or if not possible, French speaking) representative of the promoter must be present from our arrival until the end of the concert.

**LIGHTING** - the quartet require a lighting engineer to rig and operate lighting. No light must be seen on the video screen. They need the following lighting .

8 Profiles (not 12 as shown on the attached plan), above the quartet, (1 for the musician, 1 for the stand).

4 Profiles, (2 Pink + 2 Lavender) to the side of the quartet.

8 Pars or fresnels to the front of the quartet (2 red, 2 blue, 2 green, 2 amber)

1 Profile to the front of the quartet (for a vocal mic (SR) position).

**STAGING** - Four piano benches for the Quartet.

- Four Music Stands (not wire frame) with lights.

- One 2Meter x 1Meter x 0.4Meter high riser for the cellist

**GET IN** - for an 8pm concert, a typical schedule would be:

11:00 - arrive and set-up, set lights, adjust the PA and monitors.

16:00 - sound check.

**DRESSING ROOMS** - the group need three private, lockable dressing rooms with ready access to a lavatory which is not used by the public, available for their sole use from the time they arrive at the venue, and four clean towels.

**FOOD** - the group like to have fruit, fruit juice, coffee, tea, lots of mineral water, sandwiches (meat and vegetarian), and other snacks. They like wine and beer after the show, and then to eat at a good restaurant (open late).

**ACCOMMODATION** - the group need six (6) en-suite single rooms in a good quality hotel close to the venue. The hotel must have at least a 3 star rating, everyone must be in the same hotel, and the Wi-Fi must be free.

**TRAVEL** - the group will need local transportation when they arrive at the airport or the train station. They will NOT fit in a Renault Espace. They will also need transport to and from their hotel, and back to the airport or the station on departure.

**GENERAL NOTE** - this rider is a starting point for staging the concert. If you have any problems or queries please contact Alex as soon as possible.

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Page 2 - SOUND EQUIPMENT

The Quartet always bring the following equipment, and need TV Channel 70 completely free for our exclusive use in your venue (863.000-865.000MHz):

- 4 Accusound Omnidirectional Microphones using radio frequencies on channel 70
- 4 Headphone monitor systems using radio frequencies on channel 70
- 1 Headphone monitor mixer system

FOR CONCERTS OUTSIDE THE EUROPEAN UNION PLEASE CONTACT [david@whale-av.com](mailto:david@whale-av.com)  
TO DISCUSS THE POSSIBILITIES AS TV CHANNEL 70 MIGHT NOT BE AVAILABLE IN YOUR  
COUNTRY. OUR EQUIPMENT IS CAPABLE OF TRANSMISSION BETWEEN 823MHz AND  
866MHz.

You must supply the Front of House PA system.

- 1 18+ channel mixer with 4 band equalisation (at least 2 sweepable) and 3 auxiliary sends.
- 1 Lexicon PCM70 (or PCM80).
- 1 Yamaha SPX90 II (or 900 or 990 or 1000
- 1 Shure SM58
- 2 Main PA speakers (at least, more if necessary) - Meyer or similar. [\* see note 1].
- 1 Stereo 27 band analog graphic equalizer for the main PA.
- 1 Multicore to the mix position from the stage, 10 microphone inputs + returns to the PA.
- 2 Rear PA speakers for surround sound.
- 1 Set of cables, microphone cables (20), amplifiers etc., as necessary.
- 1 Tall boom microphone stand
- 4 Tall straight microphone stands
- 1 Pair of risers for the PA ( you should always supply these if they are required at your venue)
- 7 Power sockets on stage

IF YOU HAVE A DIGITAL MIXING DESK THEN OF COURSE YOU DO NOT NEED TO PROVIDE  
COMPRESSORS, GRAPHICS ETC. THAT ARE ALREADY IN THE MIXING CONSOLE.

Note 1) The main PA speakers should be on the stage, not too far from the quartet, and on risers if the stage is very low (the sound should seem to come from the quartet, but the speakers must not be at too low a height so that they do not point directly at the heads of the audience in the first few rows). If you have a system where the speakers are flown, or attached to the walls at the side of the hall then you must supply two additional small speakers (or stage monitors) to be placed at the front of the stage, and they must have a separate volume control. The system will need to provide a "Jazz-Rock" sound level to all parts of the hall.

The rear PA speakers will only be used at low levels and do not need to be as powerful as the main speakers.

GENERAL NOTE - queries about sound equipment can be addressed to David Kent at:

[david@whale-av.com](mailto:david@whale-av.com)

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Page 3 - VIDEO EQUIPMENT

We need you to supply the following equipment for the video projection (see attached plans):  
You must provide EXACTLY the projectors and Lenses that we have asked for or the show will not be possible. The contrast ratio of the projectors must be at least 1000:1.

- 8 Pieces of White CARDBOARD 64cm x 48cm (these must be quite rigid – about 3mm thick – not too flexible – and they must be OPAQUE – they must not let any light pass through)
- 1 Roll of White and one of black Gaffa tape (Duct tape).
  
- 1 Video projector ( INPUT – see note 4) minimum 3000 ansi lumens, 0.8:1 wide angle lens (note 2).
- 1 Video projector ( INPUT – see note 4) minimum 6000 ansi lumens, 0.8:1 wide angle lens with a flying frame, to be flown as per the attached plan (see note 3).
- 2 Long cables from the projectors to the sound mixing position (see note 4).
- 2 Power supply cables for the projectors
- 1 Screen / cyclorama at least 7 Metres x 5 Metres as per the attached plan, with black border and black legs. The bottom of the screen must touch the stage floor. This screen must be solid to reflect as much light as possible (A scrim with tiny holes is not acceptable) if for front projection.
- 1 Black stage floor.
- 1 Small piece of wood / carpet for the cello spike if your stage floor must not be damaged.
- 1 SET OF BLACK BORDERS AND LEGS TO GIVE A COMPLETELY BLACK STAGE APART FROM THE SCREEN.
- 1 Cable from the lighting dimmers to power (and control) the music stand lights.

Note 2) This projector will be on the stage floor, close to the front of the stage. A small piece of black wood, or other material will be needed to hide any light escaping from the back of the projector.

Note 3) This projector must be flown according to the attached plan. It must be flown so as to project a 4:3 ratio horizontal image to fill the screen / cyclorama as per the attached plan (ALTHOUGH IF YOU HAVE ENOUGH SPACE WE WOULD PREFER REAR PROJECTION WITH A REAR PROJECTION SCREEN!).

**Note 4)** We will bring two laptops as video sources, one Macbook Pro with Thunderbolt and HDMI (Main Screen) and one with VGA and HDMI (Music Stands). **You will need to supply adapter cables to connect these to your system, mini displayport and/or HDMI. Unless you have fibre-optic extensions, converters to VGA are preferable.**

GENERAL NOTE - queries about video equipment can be addressed to Klaus Obermaier (The Video Artist). Alex will be able to give you his contact details.