

TECHNICAL RIDER - harmonica ensemble "ANIMATO"

Sound check:

- should take place at least 90 minutes before the concert starts,
- time needed for carrying out the sound check is approx. 45 minutes provided the sound equipment readiness.

Stage lighting:

- during performance - static, bright lighting enabling play from music sheets placed on music stands, not dazzling the musicians,
- breaks in playing (applause, speech etc.) - dynamic lighting of different intensity and color is allowed.

Sound equipment:

Harmonicas emit sounds in the bandwidth of 35-20 000 Hz (the lowest basic bass sound is E in contra octave, harmonically they reach the upper acoustic limit). The professional sound equipment with parameters adequate to the size of the concert hall / open air-stage and support of the sound engineer is necessary (before and during the concert) to achieve the required sound quality and provide expected performance level.

Expected requirements of sound equipment:

- 1) three microphone stands + optional one stand for speech
- 2) Microphones should meet the following parameters:
 - two dynamic or condenser microphones, one for chromatic harmonica and one for chord harmonica operating in the bandwidth 120-20 000 Hz.
 - one dynamic or condenser microphone for bass harmonica with good frequency of bass transmission operating in the bandwidth 40-5 000 Hz (input on the mixer console / amplifier should work broadband - HPF filter off)
 - 1 microphone, suggested Shure SM 58 class for speech.
- 3) at least two stage speakers,
- 4) at least 1 floor monitor speaker on a stage,
- 5) mixer with a minimum 3-bandwidth parametric equalizer and reverb effect or with a separate camera reverb,
- 6) subwoofers required in case of reducing the lower limit frequency of the sound by the main speakers,
- 7) table / 1-2 chairs on a stage for instruments.

Any change in technical conditions of above rider should be agree with "Animato" ensemble.

Technical questions:

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