

Technical specifications (SONICO)

On stage: stands, chairs and positions

SONICO should be placed on a stage or at least on a higher level than the audience. This prevents the sound of the band being absorbed by the front rows of the audience.

Minimum stage measures of 6m x 4m (with piano).

A medium grand piano (at least) turned to 442.

Two piano chairs for the bandoneon player and the pianist are needed.

Four high stands with extended shaft.

Position of the musicians, seen from stage towards the audience:

From left to right: the piano should be located in a way that the pianist's back is half-facing the public. The double bass player should be located slightly behind the others towards the back of the piano. The bandoneon player should be standing in the middle, with the violinist and guitarist on his right side. The five musicians together should form a semicircle.

Amplification (suggested)

SONICO plays with acoustic instruments with the exception of electric guitar.

Preferable mixer (FoH): High quality mixer e.g. Midas XL4, Heritage1000/2000/3000 or something comparable.

Microphones

Bandoneon:

2 condensator or dynamic microphones Neuman: on left hand side (bass) and on right hand side (treble)

Guitar

1 AER guitar amplifier or SR technology + 1 condensator microphone Neuman

Double bass:

1 condensator microphone Neuman + 1 DPA 4099

Violin

1 x DPA 4099 or 1 Neuman KM 184

Piano

2 x Neumann KM184 (Lo & Hi) & 2 x high stands with extended shafts

All microphones should be placed on a microphone stand. Depending on the level of amplification and regarding the size of the location, the sound of the guitar should also be redirected to the PA-system.

Monitoring

Preferably one monitor for each musician if available, depending on the venue's size and acoustics.

Lights

To prevent the musicians from being in the dark, a few spotlights should be used.

Individual extra stand lights are recommended.

Sound check

For the sound check one hour of time should be available. During sound checking no other preparations, rehearsals or events should occur in the same room. The presence of a technician or sound engineer during the sound check is compulsory.

Audience

PA-system (public address) The size and the presence of a PA-system totally depends on the volume of the event location and the expected amount of people. A technician or sound engineer should be able to determine what is needed. Depending on the hall size, the possibility of playing acoustically can be available.

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