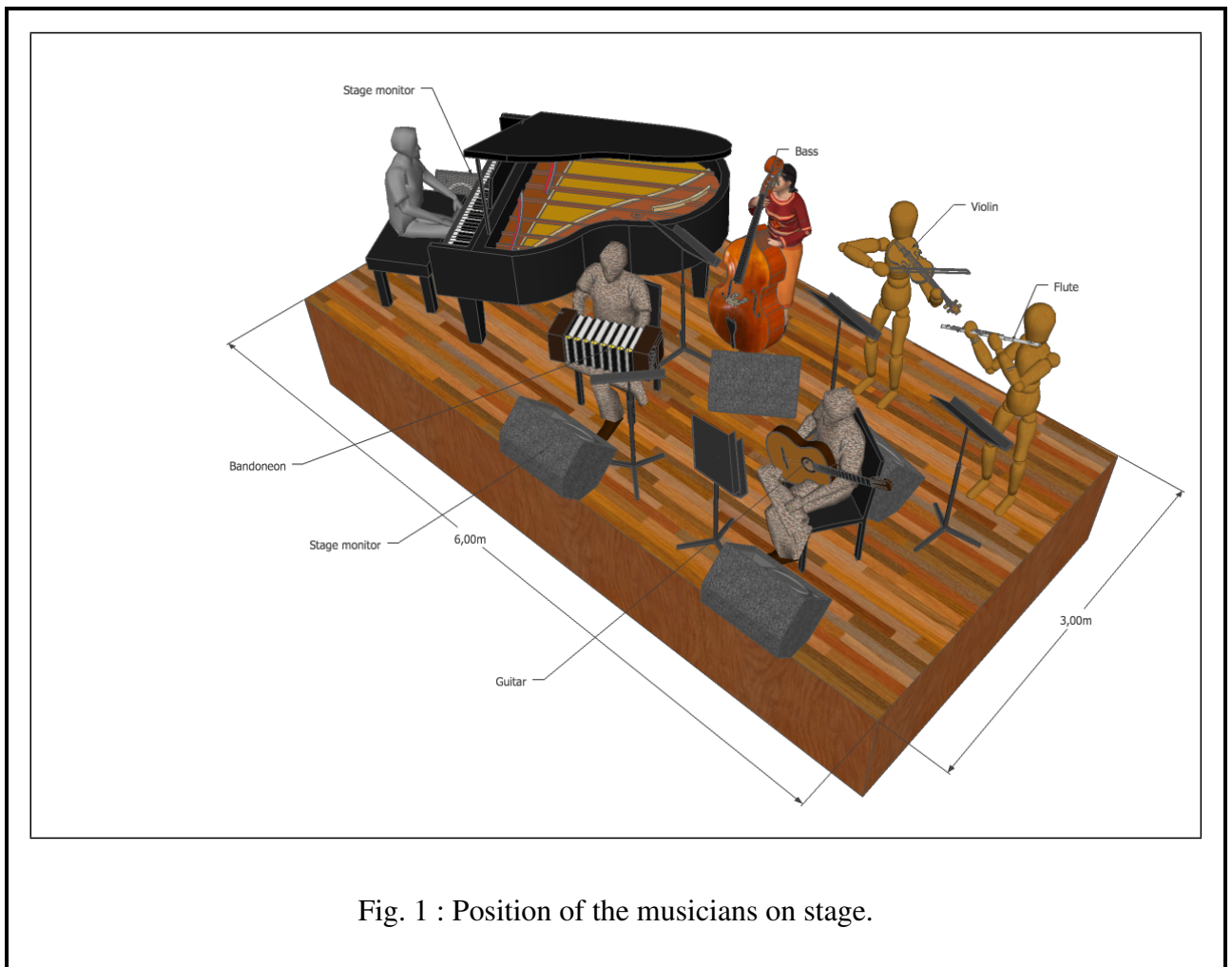

Tango 02

Technical Information

Stage Requirements

The Tango 02 ensemble is composed of six musicians positioned on stage as shown in fig. 1. The minimal dimensions of the stage are 6m × 3m.



A chair with variable height is required for the pianist as well as a normal chair for the guitar player and the bandoneon player. No chair may have arm supports.

Optional Dance Floor – Dressing Rooms

In the case dance demonstrations take place during the show, additional stage space is required in front of the musicians. It must meet the following requirements:

- Dimensions: minimum 6m wide and 3m deep.
- The flooring is solid with no holes or gaps and ideally consists of parquet. Also very stable, flat and well-connected stage elements (risers) can serve, as well as vinyl upholstery in sports halls.

A dressing room is required where the couple can change during the show.

Sound Amplification System

Sound amplification is required in larger spaces containing more than 100 people. Tango 02 can use its own two Bose systems (Model LII) in rooms upto 300 people in case no on-site sound system is available (additional price to be discussed with management).

Unless mentioned otherwise, the amplification of each instrument is done by means of free standing directional microphones placed in the neighbourhood of the instrument. The following issues have also to be considered:

- The bandoneon brings its own two click-on microphones positioned on the left and right side of the instrument. They come with an XLR connector and require Phantom 48 V and no microphone stands are needed.
- The bass brings its own AKG stick-on microphone positioned on the instrument. It comes with an XLR connector, requires Phantom 48 V and no microphone stand is needed.
- The flute brings its own click-on microphone positioned on the instrument. It requires Phantom 48 V and a DI-box and no microphone stand is needed.
- For a good balance between low and high tones of the piano it is recommended to use two microphones. A stereo DI-box is needed when a digital piano is used.
- The guitar brings its own AKG stick-on microphone positioned on the instrument. It comes with an XLR connector, requires Phantom 48 V and no microphone stand is needed.

Here is the patch list:

	Inputs	Mics	Conn.	Comments
1	flute	own clip-on	DI/XLR	Phantom 48V
2	violin	SM57 or better	XLR	
3	bandoneon – right	own ATM350	XLR	Phantom 48V
4	bandoneon – left	own ATM350	XLR	Phantom 48V
5	piano bass side	SM57 or better	XLR	
6	piano treble side	SM57 or better	XLR	
7	double bass	own stick-on	XLR	Phantom 48V
8	guitar	own stick-on AKG 411	XLR	Phantom 48V
9	announcements (bandoneon player)	SM58	XLR	

The mixing desk must therefore have at least 9 entries.

It is recommended to use five monitor loudspeakers on stage: one in the neighbourhood of the piano, one close to the acoustic bass, one in front of the flute and violin player and one in front of the guitar and one in front of the bandoneon player, see also fig. 1.

Lighting

The following requirements hold with respect to lighting:

- Strong light directed in the eyes of the musicians must be avoided.
- The ensemble disposes of a number of music stand lights that allow to arrange the stage light in a more flexible manner. These lights require on-stage 220 V/50 Hz power supply.
- In case of live dance demonstrations, the dancing couple must be sufficiently illuminated. Coloured light may be used to that order: yellow, orange, red and/or blue.

Piano

The piano must be tuned to 442 Hz to be in accordance with the bandoneon tuning. Both a straight or a grand piano can be used. The use of a digital keyboard (88 keys) is not recommended, although still possible. In any case, the use of digital piano is always done upon anticipated agreement with Tango 02's manager.