

# wird Klang





### **Maintenance instructions** for our string instruments

The following instructions will help you enjoy our instruments for a long time.



#### Musical instruments made of wood

Wood is a living material, taking a long time to grow, thoroughly dried, carefully processed and so need to be looked after with care. Musical instruments made of wood should not permanently be exposed to open sunlight. They can also be damaged due to dry air caused for instance by central heating, wood burner, underfloor heating etc. Air humidifiers can help keeping the indoor climate at a reasonable level (ideally: 50-70%). We don't take responsibility for any damages that are caused by too dry air. Do not leave wooden instruments in the car since the temperature might reach up to 70° C / 160° F in summertime, and air humidity would be too dry in wintertime. A bag or a case keeps the instrument safe from damaging and serves – up to a certain degree – as an insulation device.



#### Stringed Instruments

The tuning of, for instance, a monochord is easy to achieve if you observe the following: Start by slightly reducing the tension of the string, thus tuning it down. This helps to reduce the risk that a tight peg might over-strain the string too suddenly causing the string to snap. Tune the first string with a tuner, the following by ear.

Generally each string should be tuned by tighten upwards to the desired tone pitch, instead of loosen down to the tone pitch!

When tuning by ear first pluck the tuned string, then the one you want to tune next. Tune this one until both strings sound evenly without vibrations. While tuning along check the first string once in a while if it still has the correct tone. Take care to tune all strings, that means to tune even those who might already have the desired tone pitch. This way all strings and pegs will react to climatic changes in the same way.



Please note: Especially hard-to-tune stringed instruments with a short diapason like the Kantele or the Leier can be tuned by pressing down the string gently with the fingertip. By repeatedly pressing down the string you can reduce the tone pitch about 10 to 20 cent. This way of tuning (first tuning slightly too high and then pressing the string down) is in fact advisable as it reduces the natural change during playing.

If you have to exchange a cracked string, make shure to turn the peg outwards before mounting the new string. (Look at the other pegs to see the number of turns the peg should be turned. After threading the new string into the peg, you will need approximately 8-10 cm of the new string to wind this length on the peg by turning the peg. If the new string is longer than these 8-10 cm, you have to cut them.

In order to keep the strings shiny and clean wipe them with a soft cloth after playing.

The Monochords are designed for the tones from a to c# (A to C# for the Bass-Monochord, respectively the bass part of the Double Monochord). All Monochords can be tuned up half a step to d (D). We positioned the bridge on our Monochords in a way that the shorter part of the string that lies behind it has a harmonic interval to the main string. This makes the instrument sound more brilliant. Likewise this short part behind the bridge can be used in playing as well.

Important: When playing the Double Monochord in an upright position, make sure to tighten the wooden knobs and secure it with the locking pin!





## Qualität wird Klang





### Maintenance instructions for our string instruments

#### **Tambura**

To make tuning easy the Tambura features guitar machine heads. Start tuning by first removing the tension of the string slightly and then tune to the correct tone. The typical buzzing sound of the Tambura comes from the slightly arched bridge, but also from the positioning of the thread between bridge and string. You can find the best position by striking the string and then pulling the thread slowly backwards until the buzzing becomes strongest.

The tuning of the Tambura is C#, c#, c#, G#, d#, g# (lowest to highest string).



Please look at our website for accessories of our musical instruments.

We have bags and cases for our musical instruments in assortment, but can also supply customized bags at your request.





