



USERGUIDE

How to get the most out of your Woodify

How Woodify works

Woodify changes the vibration modes of your instrument. To find out exactly how this sound solution works, we have to dive briefly into the physics of the sound production.

If you analyse the spectrum of the flute sound, you will recognize very clear overtones over the played fundamental as well as a typical noise fog (at around 11kHz). This fog is mainly produced by the air stream, that breaks over the tonehole and is very characteristic for the flute sound.

This air component helps also to carry the sound on a long distance, f.e. in the last rows of a large concert hall.

When we focus the sound, looking for a more centered tone, we automatically reduce this noise fog and increase the loudness of the harmonics. Although a centered sound feels richer and louder in our ears, it might not carry on a long distance so well. On the other hand, a diffuse sound, which lacks a clear center, is small and does also not carry in large spaces.

👉 Woodify works as a tone-centerer; it intensifies the harmonics of the flute sound. At the same time, it partially reduces the characteristic noise sound; the sound might therefore feel more centered, focussed and sometimes darker.

Woodify is applied to the head-joint and it physically damps the tube of the instrument at a precise point. This damping increases the resistance of the instrument. The higher resistance (as you might experience with gold flutes as opposed to silver instruments) makes the sound more compact and allows you to play with more air, thus compensating the reduced noise fog.

To sum up: Woodify helps you to produce a more focussed and centered sound. It also allows you to play with more air, by increasing the overall resistance of the instrument. By increasing the air stream, you will therefore get an overall louder sound and increase significantly your projection.

Experience your instrument anew

Although you are familiar to your instrument, when using Woodify, be open to experience it in a new way. Try out Woodify so, as you would try out a flute you have never played before.

Here is some advice to help you appreciate your Woodify sound ring fully:

- The position on the tubing is very important. You should find the position that fits your instrument best: even changing the position of Woodify by a few millimeters can affect the tonal response massively!

👉 Take some time to find the best position for your instrument!

- Fasten Woodify very firmly to experience the greatest damping effect. Later you may fasten it less and experience a more subtle damping.

Mounting Woodify

Open up the screw and place Woodify on the head-joint of the instrument. Insert now the head-joint on the body of the instrument and fasten the screw of your Woodify ring at the desired position.



Make sure you place WOODIFY between 3 and 8 mm distance from the tuning marker (1) on the head-joint. Fasten the screw gradually (2) to obtain a step-by-step damping result.



1.



2.

- if you place WOODIFY closer to the tuning marker (~3-5 mm) you will experience a large sonorous low register.

- if you place WOODIFY at a greater distance (~5-8 mm) you will obtain an open brilliant upper register.

Adjustments

Consider the option of “balancing” your instrument: If your flute has a weak lower register and a very bright upper register, you may place Woodify closer to the tuning marker, ~3-5mm. If your instrument loses power in the upper register, try to place WOODIFY at a distance of ~7-10mm from the tuning marker.

- the tighter you fasten the screw, the greater the damping result. Don't worry; the instrument won't sustain any damage!

When finished playing: loosen the screw, remove the head-joint from the instrument and remove the ring. Important: don't remove the head-joint from the instrument while WOODIFY is tightened up on the body of the flute.

Tuning

Try out some sample notes in different registers to check for good intonation. You may notice that by playing with the same amount of air, you will be slightly flat when Woodify is mounted on the instrument.

This is a normal due to the increase of resistance (you can experience the same phenomenon when playing on gold instruments as opposed to silver).

👉 Keep in mind that it does not really make sense to just tune up. Woodify increases the resistance of your instrument. A higher resistance means a brighter dynamic spectrum and a greater flexibility in the tone. Practice getting used to this resistance. Find out how much air your instrument now can take (how loud you can play before the sound breaks).

The intonation will not be an issue as soon as you figure this out.

Care

During the first period of use (usually within 2-3 weeks) you may notice some more friction when mounting the head-joint on the instrument.

Woodify will naturally lose some superficial particles which might increase rubbing between the head-joint and the instrument's body. This can be easily avoided by cleaning up the head-joint and inner main body on a daily basis before inserting Woodify on the body or after use.

WOODIFY is made out of wood which is a natural material subjected to weather conditions.

Although it is coated with a water-proof varnish, you can apply every 6-12 months some natural oil, such as almond or olive oil to regenerate the wood. Apply a small amount of oil with a piece of cotton or a small brush. Remove the excess oil with some paper or a dry coat after a few minutes.

Let Woodify dry up completely for one day in a cool, dry and ventilated space.

If you keep WOODIFY unused for a long time or if you travel to hot and humid countries, store it in its pouch and protect it from direct sunlight as well as heat sources.

👉 Pay attention to keep the screw loose.

Experience

I am also open to custom requests, so feel free to reach out to me.

If you are satisfied with Woodify, help other flutists and share your experience by writing a review here.





[CLICK HERE TO SEE WOODIFY SOUND SOLUTIONS](#)

