

BINEL



BINEL – ACOUSTIC MUSIC STAND

Binel is a pioneering non-electronic item: an acoustic music stand acting as a reflector and amplifier. It acts by reflecting the entire audio bandwidth emitted from a source (which could be a voice or musical instrument) without scattering the sound, thereby giving an almost unaltered choral richness. It functions via the laws of acoustics combined with an artistic shape characterised by bold and seductive lines. Perfect voice intonation, impossible losing it.

<https://www.woodmanproductions.it/lab-design/>
link YouTube <https://youtu.be/s5ewwCjq4DQ>

The experimental studies carried out on acoustic transmission, its enhancement, its attenuation and its diffusion led us to the creation of an object that is simple in its linear form, yet extremely useful in the world of singing and music in general.

Binel has the functionality of a binaural amplifier for vocal or instrumental sounds, and has a very high frequency response for stereo microphone recordings. It aids singers and musicians with intonation allowing them to hear their sound exactly as it is emitted resulting in fuller harmonies. Binel can also be used in phonation studies for tuning and adjusting the voice.

Our Post Design with Binel manifests itself in a previously non-existent object which, through its artistic form, expresses the physical laws of acoustics, applied and made to act in a confined area.

Mounted on a Microphone common stand, Binel is smart and lightweight. Binel can be realized in aeronautical resin; plexiglas, wood



REVIEWS

Patent filing no. 402018000002230

BINEL trademark filing no. 302018000015553



DATA SHEET

Total height 61 cm, width 70 cm, depth 21 cm. Weight about 1600 gr.

Materials: body in resin, or polycarbonate, or wood, or papier-mâché or others.

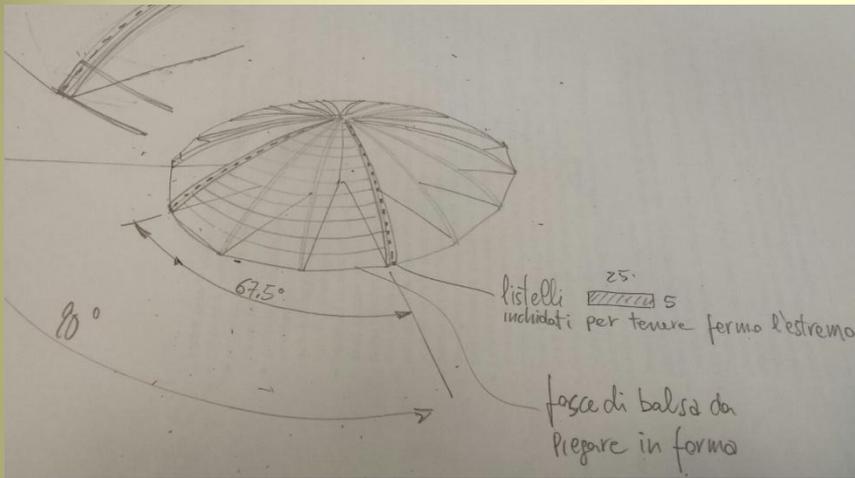
Front coloured with non-brilliant light colours. The back can be decorated by an artist and personalized with the buyer's chosen pattern. Rear aluminium connection for microphone stand.

The Binel is easy to handle, weight light and transportable. It can be mounted preferably on a microphone stand, supplied on request. It is sold packaged in a cardboard box, and under request supplied with a "Bursét" case, a light transport bag.,. Also a table positioner is available.



INSPIRATION

The harmony of a room filled by the order of the music stands and the expectation for music.
A beautiful place of suspension.



First sketches of Binel

Execution of tests



Definition of the shape



Realisation of the matrix

Sanding and drying





Final form of the Binel



Finishing and grouting of the Binel model A

Binel mounted for testing





Perfecting of the Bessel shape.
Two mathematical curves express
themselves in a form that
contains beauty, science, and
simplicity

Model A, with musical score holder



Model B, with cavity tablet opening



Model C, standard smooth, mainly for musical instruments



HOW CAN I USE IT?

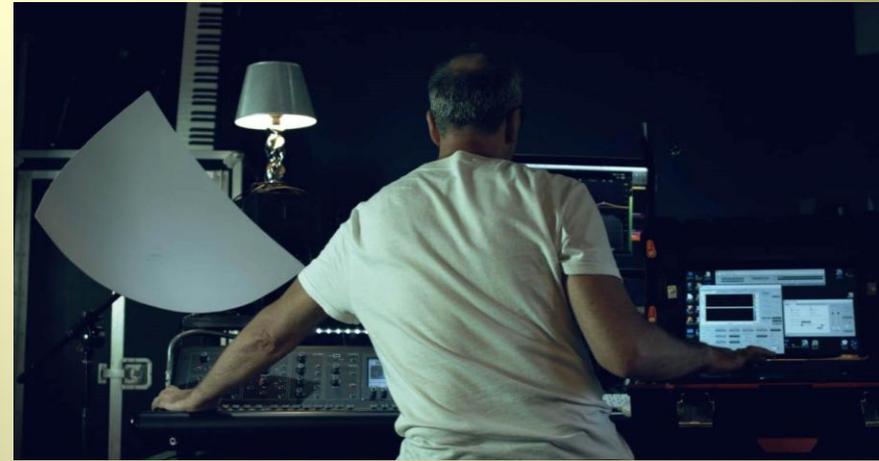


The use of Binel enhances vocal and musical sources placed in front of it, due to better acoustic perception of the naturally present harmonics in sounds. He quickly persuades us not to "push the voice" into the lyric studio, strengthens the control in the vocalist, expands the perception of "face-mask" sounds by generating a Bio-imprinting that leads us to find them once in the execution without Binel. These harmonics would otherwise be lost in a normal performance. Furthermore Binel heightens the tone and amplification of sounds, all in an acoustic domain. In the recording studio, Binel makes the recording of vocal tracks and musical instruments more pure, crystal clear and rich. The "acoustic mirror" effect is strongly perceived. You can finally ear the real sound of your voice.

...IN PRACTICE...

The effectiveness of Binel's performance is demonstrated, thus far, by acoustic measurements verified by sound technicians, as the use of this product has not yet been extensively tested.

"Binel only returns the sound released into one of the two focus points, meaning it is extremely selective in relation to noises and other sounds present in the surrounding environment. It also does not contain first, second or third reflections, but only the primary sound source, making it similar to recording in a semianechoic chamber. It produces a short circuit between emission and sound recording, without any environmental interference and with the original harmonic content basically intact."



OTHER INTERACTIONS AND USES OF THE BINEL



The Binel can be doubled horizontally or vertically to express additional qualities to those verified on the single element.



The combined use of more than one Binel, when positioned to carefully capture their sound focus points and microphone recording points, allows an additional and surprising use of this acoustic reflection instrument, which will be further explored in the recording rooms.

BINEL WITH DIFFERENT SHAPES



Binél Badil. It was built with the aim of positioning itself in an ensemble that requires reduced individual spaces. It is not in commerce, is in development .



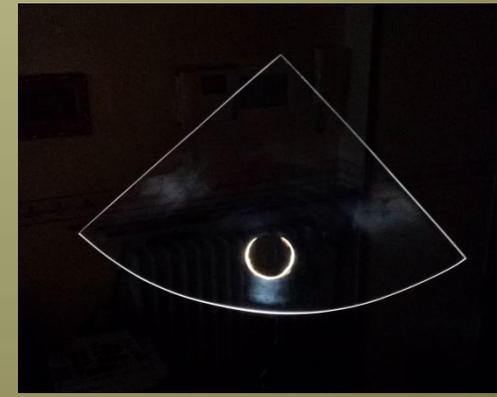
Binél Ghost. This model incorporates and facilitates a function: that of working coupled with a microphone, which collects and enhances the sounds produced. The microphone housing positioned on the upper edge allows you to interact with other microphones to balance instruments and voices. Great for recording studios.

TRANSPARENT BINEL

This **Transparent Binel** is designed to be used where you need a freeview field.

Like the others Binel, its function of acoustic lectern is still present.

This Binel has an additional application, it can in fact also act as a lamp at night. Its marked shapes stand out clearly, making it look like an artistic installation. Nice shape here, touches perfection.



THE CASES and TABLE SUPPORT for BINEL: Bursét and Aragn



Aragn: they are two wood pieces that clutch themselves to obtain a table support

Bursét 1, has a more substantial padding; it is easy to carry even on the shoulder and has its feet. Base and height 63 cm



Bursét 2, Organizer. It has a front pocket-sheet, the feet and a separate pocket beneath to store the microphone rod. The interior is characterized by 2 colors to better store the Binel. Base 85 cm, height 75 cm

DECORATED BINEL

The back of the Binel can be variously decorated



Back: bear

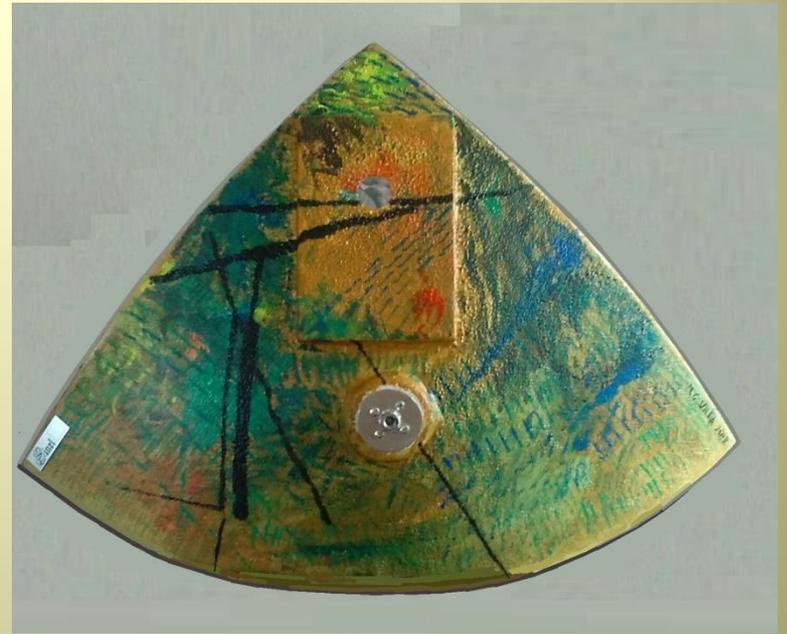


Back: Decoupage with comic scenes



CUSTOMIZATION

Binel can be customised and made unique by enriching the rear part with decorations of your choice. They lend themselves to any kind of depiction: classical and abstract paintings, comics, manga, decals, tromp-l'oeil, decoupage, group logos, etc., painted on with an airbrush or using other techniques.



Recording studio with decorated Binel



Rear decoration: «Venus Video »

PUBLICS PRESENTATIONS



<http://youtu.be/4L04LmsgDWI>

youtu.be/s5ewwCjq4DQ

<https://www.youtu.be/kShNDVmneb8>

The student in front of the Binel Glare can sing without a mask, increasing the sound quality of his rehearsals. The teacher on the opposite side is protected by droplets and in any case for greater protection she can wear the mask. Transparency allows total visibility of the two who can issue or follow instructions without hindrance.



With Binel Glare, practicing singing or music is no longer an activity at risk. And without the mask you can freely express yourself with perfect intonation.

