

VIAudio Lenco »THE LEGEND« - OUR PHILOSOPHY

We respect all comments of audiophiles, but we know that not only one way is right...

We strongly believe in our project – complete rebuilding of Lenco L-75 & L-78. Our goal is 100% rebuilding of an old legend.

Why are we so sure?

Our look on rebuilding is as follows:

1. We want that our Lenco looks like original, so we develop such a housing that looks like classic turntable. The huge differences is in size and weight of base. We want very solid and hard base. Therefore we use 6 layers from 20 mm birch plywood. We simply do not want to use easier and twice cheaper MDF. Strength and compactness of the base provides 3 layers of various veneers.
Vibration damping materials is of course very important but in our housing design and our philosophy is not on first place. Why is this?
2. We did not want to interfere original designers ideas. We bypassed all cutting or drilling in sheet metal base and simply left as the original. Each base model L-75 or L-78 is unique. No two are identical. Differences in ON / OFF mechanism , then some holes in the sheet metal under plane in different places and different sizes, switch system is different from model to model and internal wiring is different from model to model. Idler wheel is made of different materials: metal, plastic, metal with holes... Rubber plate is different, basically two models...
All that small differences are very audible, therefore we use additional damping on base, another unique solution.
We removed only parts of original turntable which were connected with original tonearm. There were no changes in ON / OFF mechanism, engine and speed control. Plate was additional stabilized with using a special epoksy resin.
There were no additional damping on bearing (as do most of the designers). We added bronze adapter which help to all silent and mechanical vibrations easier and faster resolved from bearing to other space! This is the reason why »The Legend-VIAudio« has such a good timing, airy and lightness in sound. Bass goes very deep, high range is cleaner with bigger resolution, sound is simply right...
With use of original (but rebuild) four springs (model L-78) we have achieved softer, more detail and airy sound compare to model where metal base seat on wood part. Original model L-75 not applicable four wheels on places like model L-78, so we develop some special chokes, which work excellent, even better than original one.

Our turntable also permit strong way of mount sheet metal casing in wood case so that lie on wood part on all volume. Also possible is that lie on wood round bowl (pan) under the plate, but not direct on wood. With use of special insulation mass between bottom of the bowl and wood we have achieved progress in sound compare to situation where bowl lie direct to wood.

Our turntable allow several methods of clamping. If we use rigid clamping goes base quite lower. Therefore our base of tonearm could screwed quite lower than upper plate.

All depends of which kind of clamping we want to use, then tonearm type and height of cartridge under the tonearm (differences are large...), so we could exactly do balance between all parts and right VTA , exactly distance from tonearm to the center, right overhang etc...

We anticipate use of some special materials for vibration damping of sheet metal base. Some of them are hidden from. Each customer could also do some tweaks and adapt sound to own taste.

3. Our VIAudio Lenco »The legend« could also fit different 9«, 10« ali 12« tonearms. The space for tonearm is on right place, so that the cartridge is away from engine and on/off switch. Pin electrical socket on rear side of turntable allow to use different types of power cables.
4. For turntable ventilation we provide enough space under the engine. Subsequently we left cut under the bearing (not visible on prototype picture), for easier vibrations resolving, caused by bearing. Clamping with four springs allow that air circulate and eventually excess heat released from housing quite easier compare to rigid clamping. Such logical and practical solutions also has original model.

Of course there will be critics on our thinking. Critics are welcome, but sound of our turntable has convinced us that we are on right track.

Each customer has all technical support and information about all modifications.

Your opinion and suggestion is very important to us!

For reference comparison we used Garrard 401 from the slate base, hard mount, below fully open ! So we very well known both strenghts and weaknesses both modes of operation.

VIAudio

Igor Vuckic

