



Dear Revox Partner,

We are always striving to drive innovation and continuously improve our products and give you an insight into our quality assurance measures.

The longevity and reliability of our Revox products is very important to us.

We are pleased to inform you today about several improvements to the **STUDIOMASTERT700**!

Since the launch of the **STUDIOMASTERT700**, we have listened to your feedback and take it very seriously. That is why we have invested a lot of time in the further development of our turntable. Based on the outstanding sound quality, we have now made a number of further improvements to the product.

The results are extensive upgrades and modifications, which we would like to inform you about in this newsletter.

Thank you for your trust and support. We wish you continued good business with the Revox **STUDIOMASTERT700**.

Your

Revox Team

The optimizations at a glance

Drive and belt

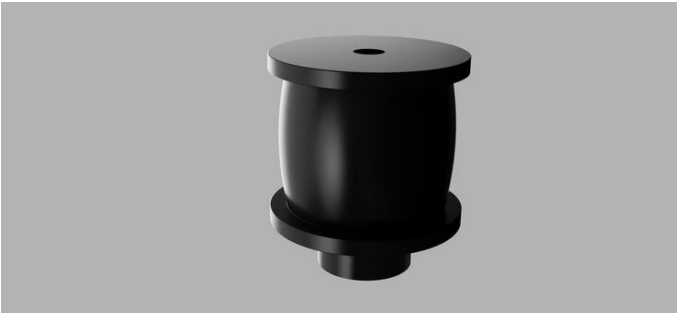
Synchronization (motor)

Compared to the first products produced, we have extensively tested a new synchronization motor in long load tests and found it to be good. For some time now, all T700s have been equipped with this motor.

Pulley modification & stronger drive belt

In order to increase the long-term stability of the drive belt and to prevent an aged belt from jumping off at the start, we have made two improvements.

1. the belt thickness is now 1.0 mm
2. the convex drive pulley made of POM was given a plate edge on the top and bottom.



Preamplifier

The MC phono preamplifier of the **STUDIOMASTER T700** amplifies the smallest voltages in the range of 0 - 300 millionths of a volt. At the same time, the electronics must be able to withstand static discharge voltages in the range of several thousand volts. For this purpose, the T700 has internal earthing connections on the cartridge holder, the so-called headshell, and on the tonearm bearing. In addition, there are now also protective diodes at the input of the phono amplifier that short-circuit a possible discharge and thus protect the sensitive components. Furthermore, all operational amplifiers are now based on robust jFET technology, which is more ESD-resistant than C-MOS components.

Protective film

The acrylic glass plate of the **STUDIOMASTER T700** is supplied with a protective film, which is removed by the customer during initial commissioning. To make this clearer, there is now an information sticker on the protective film.

Note on quality assurance

Before we install the assembled circuit boards in the T700 (and also in the other Revox products), they are individually and completely tested electrically at an Audio Precision measuring station. After assembly of the electrical and mechanical components, the slide bearing is played for at least 15 hours without a record. The first 15 hours of operation are then completed.

The **STUDIOMASTER T700** is then placed on the test bench. After the mechanical positioning of the cartridge including the tonearm, the electrical parameters such as synchronization, distortion, crosstalk and output voltage are tested. The T700 is then listened to by the test engineer using a reference record and headphones before being packaged.

All this takes place at our factory in Villingen in the Black Forest.

Note on the modifications

The modifications described in this newsletter have been incorporated into production on an ongoing basis. For **STUDIOMASTER T700** from serial number 10529, it is already ensured ex works that all new features are included in the product. For repairs to devices with lower serial numbers, all modifications are carried out by our service department under warranty.



REVOX

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