

**REVOX**



# **STUDIOMASTER T700 Turntable**

Studio Sound Quality

## The Revox company

Revox stands for true studio sound quality. Pioneering technologies have been setting the standards for the development of innovative products for more than 70 years. The premium audio solutions combine the highest quality with a timeless design characterised by its clean style.

Revox looks back on a long analogue tradition dominating the market for analogue recording and playback devices for decades. The first turntable, the Revox 60, was presented as early as 1956; later Revox very successfully launched a series of tangential turntables. Now the Revox developers once again rose to the challenge of developing a turntable to the latest technological standard and with the highest demands for reproduction in true studio sound quality.

## Analogue music experience

The **STUDIOMASTER T700** Turntable is a high-end turntable with innovative technologies. Manufactured in Germany exclusively from highest quality materials it impresses with a clear, elegant and timeless design. It is a master of its class and provides an impressive, audiophile music experience to all music lovers.

Thanks to the built-in phono amplifier, the T700 is compatible with all Revox products - such as **STUDIOMASTER M500**, **M300**, the Joy series, the M series as well as products from the past (Evolution, Emotion, Exception, B series) and can be easily integrated into a Revox Multiroom and Multiuser System. It is also compatible with other common audio products.



## STUDIOMASTER T700 Turntable



## Specifications:

### MC Phono Preamplifier:

Frequency response:	7 Hz ... 80 kHz (-3dB)
Signal-to-noise ratio:	- 69 dB (20 Hz ... 20 kHz)
Distortions:	0.005 %
Channel offset:	0.2 dB
Channel separation:	higher 80 dB
Subsonic filter:	10 Hz with first-order high pass (6 dB filter)
RIAA precision:	± 0.2 %
Impedance matching:	6 settings: 47 $\Omega$ , 100 $\Omega$ , 220 $\Omega$ , 470 $\Omega$ , 1 k $\Omega$ , 2 k $\Omega$
Input sensitivity:	4 settings: 150 $\mu$ V, 300 $\mu$ V, 600 $\mu$ V, 1,2 mV
Pick-up:	Ortofon Quintet Bronze MC (pre-mounted)
Speed:	33 / 45 revolutions per minute
Speed variation:	< 0.1%
Connectors:	Analogue line output (cinch stereo) DC power socket
Dimensions:	470 x 336 x 156 mm (WxDxH) without sockets
Projection (back):	16 mm (hinge, RCA sockets)
Weight:	10.3 kg total 2.85 kg platter (material: POM) 0.21 kg inner platter (material: aluminium)
Exclusive accessories:	Digital tonearm scale, record brush, bubble level, allen keys, white gloves

## STUDIOMASTER T700 Turntable

High-end turntable with a unique integrated MC phono preamplifier. High-precision electronic PLL speed control with contact-free optical sensor. Control panel with backlit touch sensors. Tonearm made of high-grade metals. Pre-mounted Ortofon Quintet Bronze MC pick-up completes this premium product.



## Integrated phono preamplifier

A special highlight of the **STUDIOMASTER T700** is the unique, integrated MC phono preamplifier. The integration of the preamplifier enables the best and shortest connection between pick-up and preamplifier, resulting in the highest signal quality while avoiding interference. For this purpose the tonearm wire for example is tightly twisted and soldered directly to the input of the preamplifier. In addition, the power supply of phono preamplifier and motor control is galvanically isolated avoiding negative interactions.



## Electronic speed control

To ensure the best sound quality, absolute speed accuracy is indispensable. The T700 features a high-precision, quartz-accurate PLL speed control via a contact-free optical sensor. It corrects deviations (e.g. caused by variations in ambient conditions/temperature, ageing of belts and bearings, friction during the reading process) and ensures a consistent absolute speed as set with a tolerance of 0.02%. In addition, the belt drive in combination with a high platter mass and an optimally designed platter bearing results in almost perfect speed variation characteristics. And the soft start for a slow motor start-up guarantees reduced belt wear.

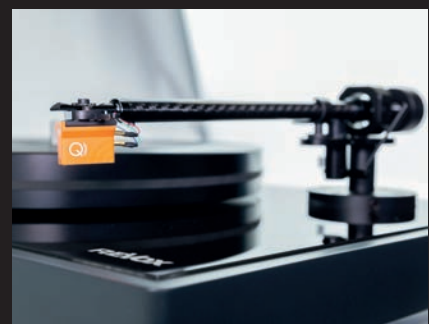


## Tonearm and pick-up

The tonearm is operated manually via a tonearm lift with oil damper. The tonearm tube is made of carbon fibre and is therefore particularly light and strong.

The material composition of aluminium and carbon leads to the result that the desired tonearm resonance of 12-14 Hz is achieved.

The high-quality, precisely pre-installed MC pick-up Ortofon Quintet Bronze ensures a pleasantly lively sound.



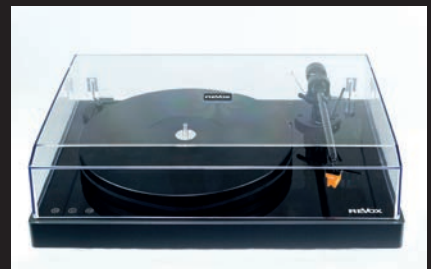
## Touch operation

The **STUDIOMASTER T700** is operated using backlit touch sensors on the glass surface. This makes operation of the turntable extremely simple and intuitive. As a special feature, the device can be calibrated via a key combination.



## Special features

The platter of the T700 is made of black POM (polyoxymethylene) – a material combining high stiffness, low friction coefficients and good dimensional stability. Due to these properties, an extra platter is not necessary. To protect the turntable, a solid acrylic glass cover is attached, which can also easily be removed.



## Exclusive accessories

The **STUDIOMASTER T700** is equipped with a wide range of exclusive accessories. Among others, the turntable comes with an elegant wooden box for storing the digital tonearm scale, a carbon record brush, bubble level, anti-skating weight, tonearm counterweight, turntable belt as well as tools. Everything at hand for quick and easy adjustment and maintenance of the turntable.



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