



RT = Regulation- Transformer

The RT has been developed especially for voltage reduction of asynchronous motor turntables, as the famous Thorens TD 124, Garrard 301 and 401. Those have been designed in a period where main voltages were quite low. Since then, not only the nominal voltage values have been risen, furthermore voltage differs more and more from nominal. As the absorbed power grows in square of the voltage, 10% rise in voltage results in 20.1% more power consumption.

Today, voltage values from 230 to 240V (Europe) are common, therefore vintage turntables are stressed. To maintain speed, their eddy current brakes have to be pushed to full brake effect, resulting in following issues:

- Noise from drive train rises
- Motor overheating
- Reduced sound quality

The RT makes your idler wheel turntable quieter, gives longer life to the motor and restitutes original sound quality. It makes part of the full Swissonor upgrade for Thorens TD 124. A correctly maintained TD 124 works ideally with 180 to 200V (USA 90 to 100V) mains voltage!

The most significant properties of the RT are:

- Pure inductive voltage from full mains to zero, no electronic components
- No added mains filter network, the inductivity of the transformer acts as 1st order harmonic filter
- Compact design, can be put beside the turntable or directly to the floor
- Swissonor cast iron housing and scratch proof hard aluminium alloy top plate
- Universal worldwide compatibility due to IEC input and output sockets
- Power cable (local standard) and shielded Swissonor cable for the turntable are joined as standard
- Ideal for all asynchronous motor turntables, and other vintage equipment with current up to max. 0.8A

Data sheet:

- Adjutment range0 – 240 + 0-120 VAC 50 – 60 Hz
- Max, output current0.68 A from 0-240V
- Weight4.6 kg (without cables)
- Dimensions L x l x h160 x 125 x 90 mm

