

Turntable EMT 928



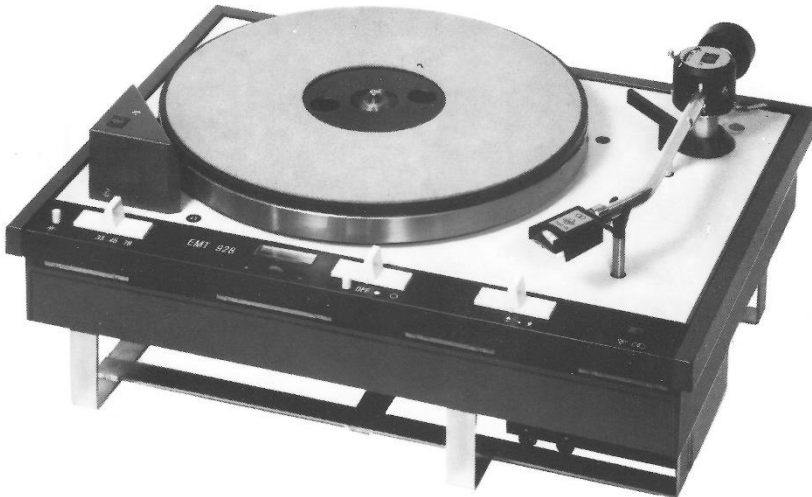
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1. History

Fifty years ago, EMT introduced the turntable model 928 in combination with the tonearm 929. This turntable was produced in cooperation for the Swiss brand THORENS as well, and it was the only EMT-turntable with belt drive system. The compact machine was in use for broadcast work outside the studio or in an OB van.



The current Swiss EMT team is led by Micha Huber and was involved in the R&D at EMT for upcoming turntable projects since more than ten years. We are glad to introduce the first outcome of this effort: the Battery Powered Precision Turntable **EMT 928 II**.





2. EMT 928 II



The EMT 928 II is a massive built precision turntable with an overall weight of 23kg. The chassis is machined from aluminium, resting on four decoupled, spherical feet. With three platter speeds (33 1/3, 45 & 78 rpm) is the unit prepared to play all kind of records. It is a perfect match for the currently released EMT 9-inch tonearm and all EMT cartridges.



The new turntable features an independent battery power source which allows more than 40 hours playing time while being fully disconnected from the mains. Therefore, any interference from the power grid is excluded. The built-in charger circuit handles the charging cycles automatically and shows the status with a two-colour LED.



As a homage to the original EMT 928, the rotation power is transmitted by a belt. A most modern 20 Watts motor is combined with a high-precision control loop circuit in a compact assembly, to ensure short signal paths and to minimize interference. This design allows to speed up the 5,5kg platter in a short time and keep the platter speed constant within a narrow tolerance-field.



Specifications:

Platter Speed:	33 $\frac{1}{3}$ rpm	45rpm	78rpm
Wow and flutter: <i>IEC 386 weighted</i>	$\pm 0,07\%$	$\pm 0,07\%$	$\pm 0,10\%$
Rumble: <i>IEC 98 weighted</i>	-85dB	-80dB	-75dB
Speed-up time:	10s	12s	20s
Battery service life: <i>Standard</i>	40h	38h	30h
Battery service life: <i>Reserve</i>	+10h	+9h	+7h
Dimension:	480x340x100mm		
Weight:	23kg		
Input voltage:	100-240VAC, 50-60Hz		
Output terminal:	RCA, with separated tonearm ground		
Mounting distance tonearm:	215-245mm, prepared for EMT 9-inch tonearm		