

Motor Unit

Tribute (Dereneville DMS-5001)



“Some things are everlasting and should remain so. To keep it that way, transitory things must be replaced.”

Team Dereneville with great respect to Micro Seiki

We, from Dereneville are a small team of dedicated developers in Lippstadt. We had the idea to build a new, modern drive unit for the legendary Micro Seiki drives - at the same time as a Dutch developer, the legendary drive, the RX-5000 as new reconstructs. The name of this drive is "Tribute".

A few years ago, we have already developed a universal high-tech drive unit that has caused a worldwide sensation and is considered the best engine for analog drives.

The new drive for the Micro Seiki RX-1500 or RX-5000 and others, incorporates the most advanced electronics and state-of-the-art technology on the market. The case of the Dereneville DMS-5001 is deliberately modeled after that of the RX-5500.

Only we do not call the engine stand Micro Seiki, but also "Tribute" to express our respect for Micro Seiki. With today's diverse technical capabilities, it offers even more quality and ease of use than the original drive.

Thanks to the friendly cooperation and close cooperation between Micro-Seiki.nl and AVDesignHaus, a new combination of drives has been created that will keep the legend Micro Seiki alive for many years to come.

Motor Unit.

- The Dereneville "Tribute" offers a unique perspective and user flexibility in turntable motor units. All operational parameters can be set by manually using the push buttons on top of the drive unit.
- Additionally for convenience, the parameters can also be programmed via computer, with the aid of our specially developed software.
- The housing of this drive unit, made from high grade Aluminum, is specially designed for the Papst-Synchronous motor VDC-3-43.10 937 4310 602 which allows for a vibration free and low noise operation, thanks to the flexible mounting of the motor itself inside the housing.
- The complete electronic control unit is safe and EMV tested and is integrated in the housing. The integrated display shows every status and each step during programming by the buttons on top. The brightness value is user adjustable as is the delay time for illumination decay.
- This new developed drive unit offers three speeds: 33,33 rpm / 45,00 rpm / 78,00 rpm and one hidden speed: 16,66 rpm and a pitch control over a very wide range whilst the turntable is running.
- This hidden speed of 16,66 rpm offers two advantages: firstly, you can play the old records cut by 16,66; secondly, it lowers the platter to half speed in order to change the record more safely whilst running.
- All speeds can be calibrated with exacting precision in very small steps 1,0 / 0,1 / 0,01 or 0,001 Once the speeds are calibrated, they can be stored in the memory of the electronic board. This is possible for every set.
- Usually you only have to adjust the main speed 33,33 rpm. The electronic control unit inside calculates all other speeds exactly.



Technical Data Motor Unit.

- The standard Pulley is prepared for Belt, String or Tape.
- Speed accuracy: better than < 0,005 %
- Current voltage: 22 - 24 VDC
- Power consumption: 26 - 36 Watt (max.)
- Operating temperature: -40 + 60 °C
- Dimensions of the housing: 240 x 180 x 89 mm
- Height of the adjustable feet: 20 mm
- Overall Weight: more than 7 kg



This motor unit can be used with all turntables with an external motor unit. Examples of the brand Micro Seiki: SX-8000, RX-5000, RX-3000, RX-2000 and all RX-1500 models.

Dereneville
by AVDesignHaus