

# ADVANCE INFORMATION ON NEW PRODUCT

— SOUND PLUS —

## RP 1 ROTARY PLATFORM

A NEW TURNTABLE PRODUCT WITH OUTSTANDING PERFORMANCE HAS BEEN DEVELOPED BY DEFINING AND DISTILLING DESIGN CONSIDERATIONS: EMPLOYING "BACK TO THE BASICS" IN MATERIALS AND MECHANICAL DETAILS. MINIMIZING THE TOTAL NUMBER OF PARTS IN THE MECHANICAL SOUND CIRCUIT HAS ALLOWED A DRAMATIC REDUCTION IN NOISE AND DISTORTION WHILE IMPROVING THE TONE ARM TO RECORD ACCURACY.

- \* THE BEARING ASSEMBLY IS MADE UP OF A COMBINATION OF LIFETIME LUBRICATED SINTERED BRONZE BUSHINGS AND A DIAMOND POLISHED THRUST PLATE OF SPACE AGE MATERIAL WHICH IS SECOND HARDEST TO DIAMOND.
- \* THE SHAFT IS ONE PIECE HARDENED SURGICAL STEEL CENTRELESS GROUND TO  $\pm 0.00025$ .
- \* THE MOTOR IS SIMILAR TO THAT USED IN PRODUCTS AT TWICE THE PRICE, 24 POLE SYNCHRONOUS WITH 33.3 AND 45 RPM DRIVE CAPABILITY AND IS SUSPENDED IN AN ISOLATION TRAP OF 45 DB TO VIRTUALLY ELIMINATE MOTOR NOISE.
- \* THE PLATTER IS A MASSIVE 17 LB. ONE PIECE CASTING OF BRONZE TO ASSURE DRIVE ISOLATION. CRITICAL SURFACES ARE MACHINED IN ONE OPERATION TO A TOLERANCE OF  $\pm 0.00025$  FOR SONIC DETAIL. SYMPATHETIC VIBRATION (PLATTER RINGING) IS RESTRICTED BY TWO SEPARATE BALANCED MECHANICAL DAMPERS. PLATTERS ARE INDIVIDUALLY BALANCED TO PROVIDE SPEED STABILITY.
- \* THE BASE IS MADE OF THREE DIFFERENT TYPES OF WOOD PRODUCTS IN A SINGLE ASSEMBLY WEIGHING OVER 8 LBS. TO PROVIDE A STABLE NON-RESONANT MOUNTING FOR THE TONE ARM OF YOUR CHOICE.
- \* ISOLATION TO MECHANICAL VIBRATION IS PROVIDED BY THREE INDEPENDENT SHOCK SUSPENSION FEET.
- \* THE DUST COVER DOUBLES AS A SONIC SHIELD WHEN SEATED IN ITS DAMPED MOUNTING; DRAMATICALLY REDUCING ACOUSTIC VIBRATION IN THE RECORD, TONE ARM AND BASE (FEEDBACK).

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