

TURNTABLE BASICS



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THREE TYPES: IDLER, BELT AND DIRECT DRIVES



IDLER DRIVE – ADVANTAGES:

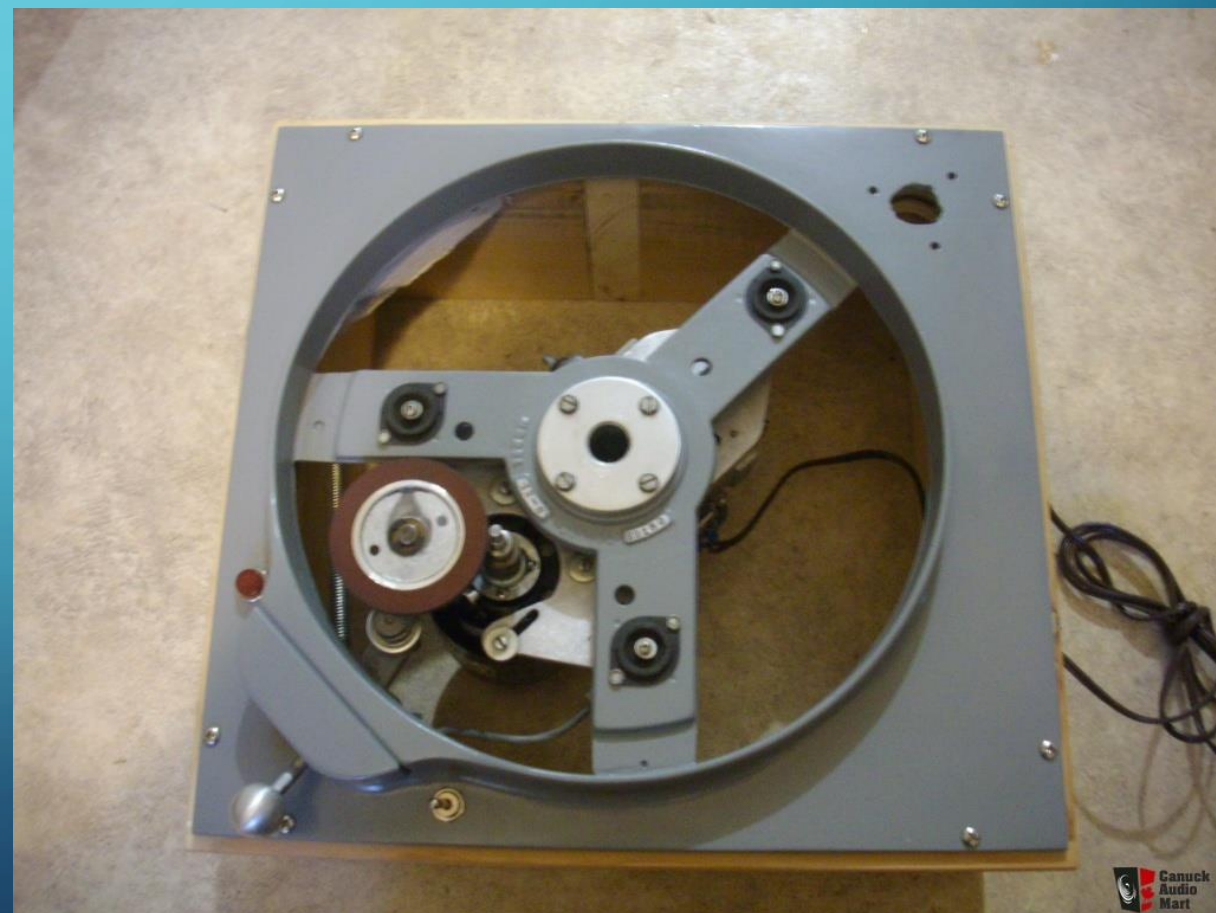
- FAST SPIN UP
- ABILITY TO DRIVE HEAVY PLATTERS
- ONLY ONE WITH CHANGER ABILITY
- MUSICALITY

DISADVANTAGES:

- NOISY
- RUMBLE
- EXPENSIVE TO MANUFACTURE
- CHANGER ABILITY!



IDLER TURNTABLE SHOWING IDLER WHEEL



IDLER TABLE STEPPED PULLEY



BELT DRIVE – ADVANTAGES:

- QUIET
- STABLE AND ACCURATE
- CHEAP TO MAKE, BETTER QUALITY FOR LESS
- NO CHANGER ABILITY!

DISADVANTAGES:

- NO CHANGER ABILITY
- CHEAP TO MAKE MEANS CHEAPLY MADE



AR XA turntable showing belt
mechanism and underside
spring mounting



DIRECT DRIVE – ADVANTAGES:

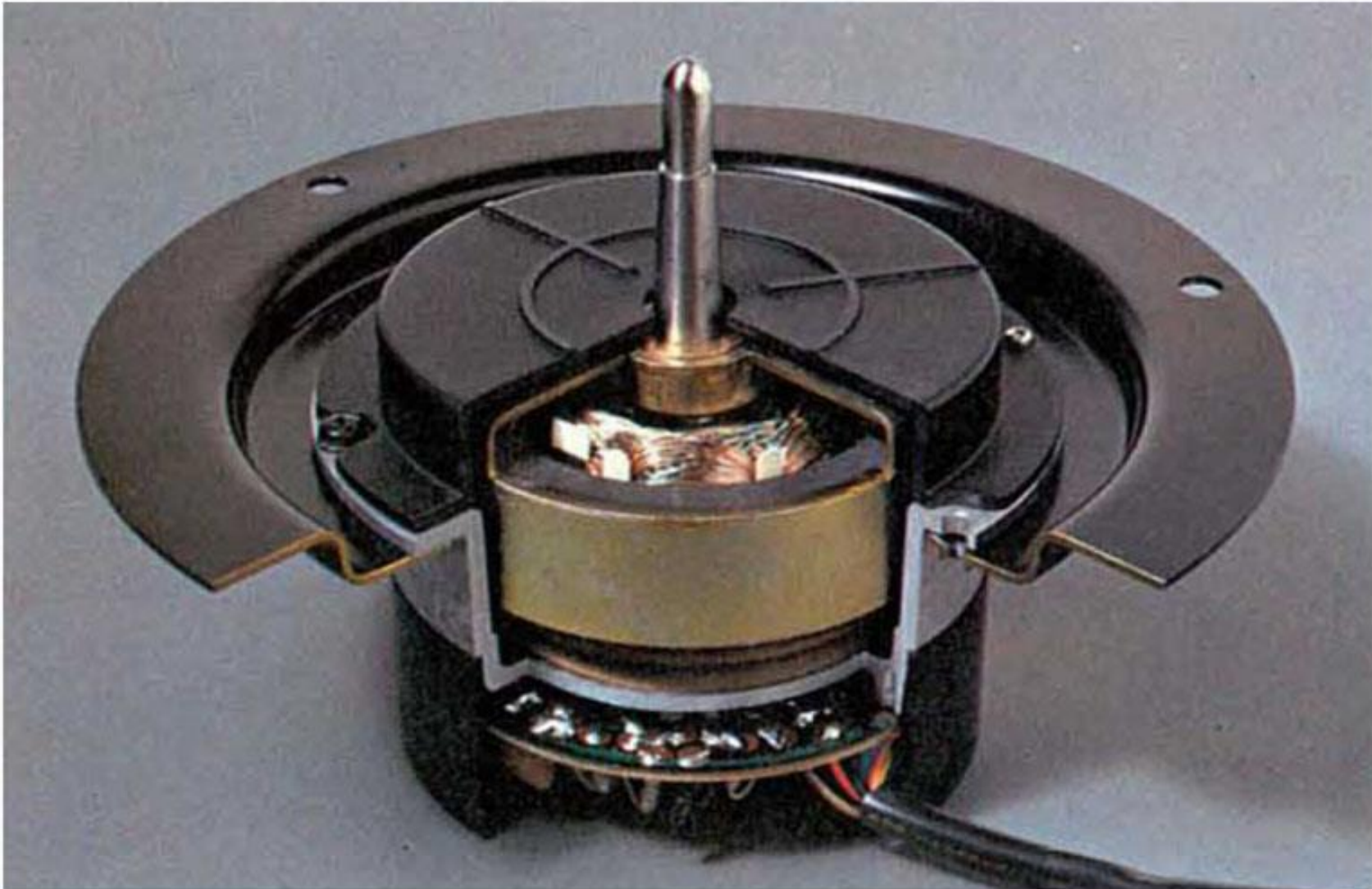
- SPEED STABILITY
- BETTER TORQUE THAN BELT DRIVES
- LATEST TECHNOLOGY
- “SCRATCHING”

DISADVANTAGES:

- CHEAP TO MAKE
- COGGING
- MORE PRONE TO BREAKDOWN



DIRECT DRIVE MOTOR ASSEMBLY



www.vinylengine.com

THE CD “CRASHES THE PARTY!”



BUT THE REVOLUTION IS FAR FROM OVER...

THE CD IS NOT A MUSICAL INSTRUMENT!



REAL HI-FI PEOPLE PLAY VINYL!



THE VINYL REBIRTH!



CLASSIC IDLER TABLES – GARRARD 301



THORENS TD-124



RUSSCO BROADCAST TABLES



CLASSIC BELT DRIVE TABLES – EMPIRE 208



THORENS TD-125



THE “SPECIAL” EDITION TD-1 25



AR XA



CLASSIC DIRECT DRIVE TABLES – TECHNICS SL-1200



DENON DP60L



REVOX 780 W/LINEAR TRACKING TONEARM



