



Use extreme caution when handling the board with Nixie's illuminated. Severe damage will occur to CMOS IC's if any HV is exposed to logic level signal path.

Use a sensitive DMM set to measure current, inserted between 6V lithium battery supply circuit to measure total current.

Total current drain with or without Nixie Tubes illuminated should be within 30-40uA. New batteries may show initial current drain up to 60uA. A pulse of 5uA occurring each second is normal.

Any current drain readings in excess of these values indicate a problem, and must be identified before installing enclosure cover.

Ensure pcb is dry after aqueous cleaning operations. Residual trapped moisture will typically increase the current drain, and possibly damage logic components.

Resonant Instruments LLC		
Title The Nixie Wristwatch		
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