

## TESTS ON FIDELITONE SPIN-CLEAN RECORD WASHER MKII

### Objective:

Illustrate the effectiveness of the Spin-Clean Record Washer MKII as a practical and efficient record cleaning device.

### Apparatus:

One 1521A graphic level recorder, one 1521-P2 40 decibel potentiometer by General Radio Company, one Tetrad T3MD ceramic cartridge, one Ballentine meter, one Audio Retroflex turntable, one Lusterex tone arm, one unused STR-100 test record, one Fidelitone Spin and Clean System, one bottle of 3063 record washer, one (1) oz. Maxwell House instant coffee, one (1) oz. cream, and one (1) spoonful of fine grain sugar.

### Procedure:

Step I: Use unmodulated channel (band 6A) of STR-100 clean, unused test record. Set Ballentine meter to X 10 scale, and set the amp meter switch to "amp" position. Set the input attenuation on the pen recorder to 10. Set type reading speed at 10. Run one curve on band 6A, using a blue ink pen.

Step II: Step the Ballentine meter to X 1. Set the pen recorder input attenuation to X 20. Leave other instruments at the same position. Run a second curve using a green pen.

Both of these curves on Graph I show up as relatively smooth and strait lines on the graph. Note, this is a control test to make sure the instruments are running properly.

Step III: On Graph II, repeat Step 1. Next, dirty the STR-100 record with dust and grease in the record grooves.

Step IV: On Graph III, repeat Step 1. Next take clean STR-100 record and pour contents of instant coffee, cream and sugar on record. Spread contents around and shake excess materials off record. Then repeat Step 2.

Step V: Graph IV shows left channel output and separation curves before and after coffee-sugar test using the STR-100 test record on band 6A.

### Results:

Note that the graph recordings indicate the curves run considerably smoother after cleaning the records with the Spin-Clean Record Washer MKII. Also, note the curve comparison of a new STR-100 record and the curves of a dirty STR-100 record after cleaning. (i.e. compare green or blue curves of Graph I with the green curves on Graphs II and III.) The smoothness of the clean record compares favorably with the new unused record. For any questions, please contact Arthur Hudson at 312-359-8800.