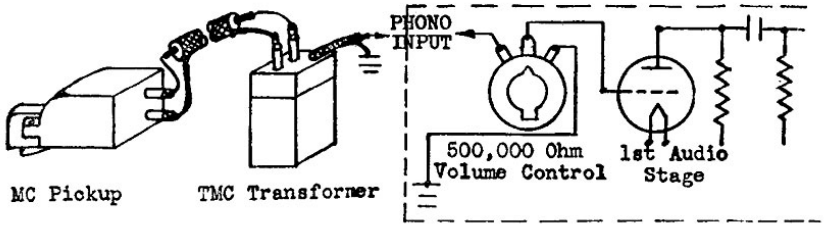
American MC [Moving Coil] PICKUP CARTRIDGE

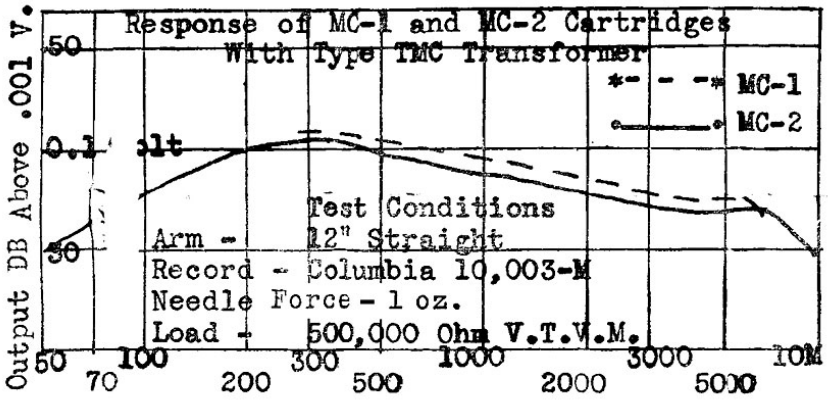
HIGH { Needlepoint Compliance; Output; Vertical Compliance

LOW { Needle Force: 1 ounce; Impedance: 30 ohms; Needle Talk; Distortion

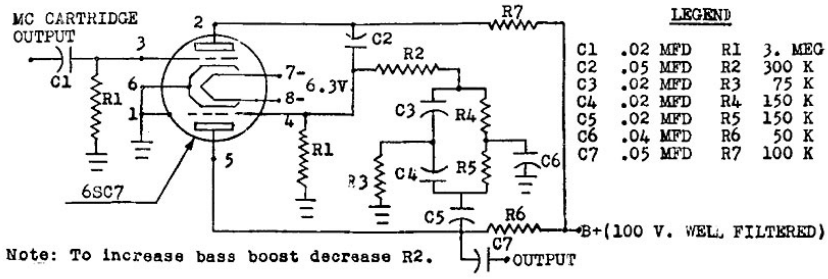
INPUT CIRCUIT



RESPONSE CURVE

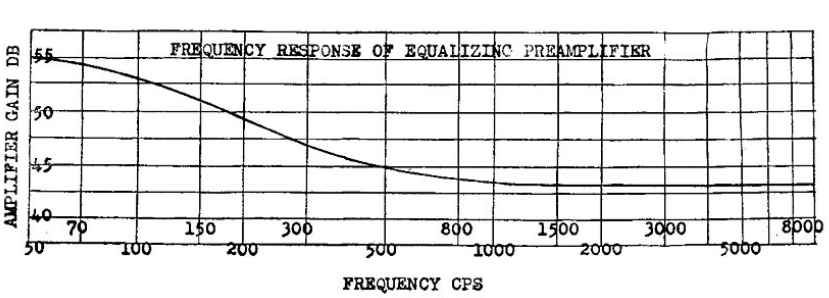


EQUALIZING CIRCUIT



LEGEND			
C1	.02 MFD	R1	3. MEG
C2	.05 MFD	R2	300 K
C3	.02 MFD	R3	75 K
C4	.02 MFD	R4	150 K
C5	.02 MFD	R5	150 K
C6	.04 MFD	R6	50 K
C7	.05 MFD	R7	100 K

Note: To increase bass boost decrease R2.



Insures minimum recor wear. Performance not affected by climatic coditions. Standard cartridge mounting holes. Semipermanent stylus. No preamplifier required wha dynamic pickup and transformer are used with mplifier having gain of 45db or more. No transfomer or preamplifier required when amplifier has low impedance input, and gain of 75db or more.

LOW NEEDLE FORCE

Stylus will track and operate normally at one ounce or less.

HIGH NEEDLE POINT COMPLIANCE

Mechanical stiffness of the voice coil assembly is extremely low, resulting in correspondingly low needle point impedance without appreciable loss in the drive and connector mechanism.

HIGH VERTICAL COMPLIANCE

Drive mechanism is constructed so the stylus retracts readily into the cartridge housing upon application of slight vertical pressure. Tone arm can be dropped on the record without injury to either the stylus or the record.

LOW IMPEDANCE

Impedance of the cartridge is 30 ohms and remains constant over the entire audio frequency range. Tone arm can be operated at long distances from its associated amplifier without danger of noise pickup or loss in level. Ideal for low level mixing.

HIGH OUTPUT

Open circuit output voltage of the moving coil cartridge is approximately 3 milli-volts at 1000 cps using Columbia Test Record 10,003-M. A miniature impedance matching transformer, model TMC, is available which will develop approximately 0.1 volt into the high impedance amplifier "Phono" input under the test conditions given above.

LOW COST

Designed for quantity production, the MC type pickup costs no more than other standard replacement cartridges.

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