

NOTE: REMOVE LINK WHEN EXTERNAL ANTENNA IS USED



RESISTORS HALF WATT, UNLESS OTHERWISE NOTED
20% TOLERANCE, UNLESS OTHERWISE NOTED

CONDENSERS T= TUBULAR, FOLLOWED BY CAP. IN MFD AND D.C.W.V.

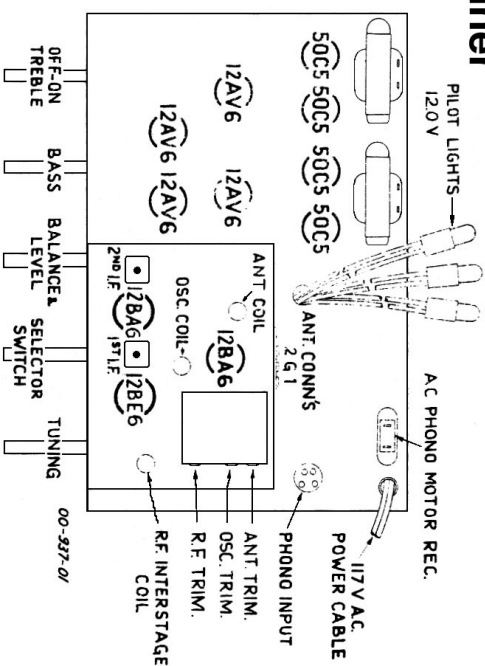
E = ELECTROLYTIC, " " " " " "

C = CERAMIC, FOLLOWED BY CAP. IN MMFD AND

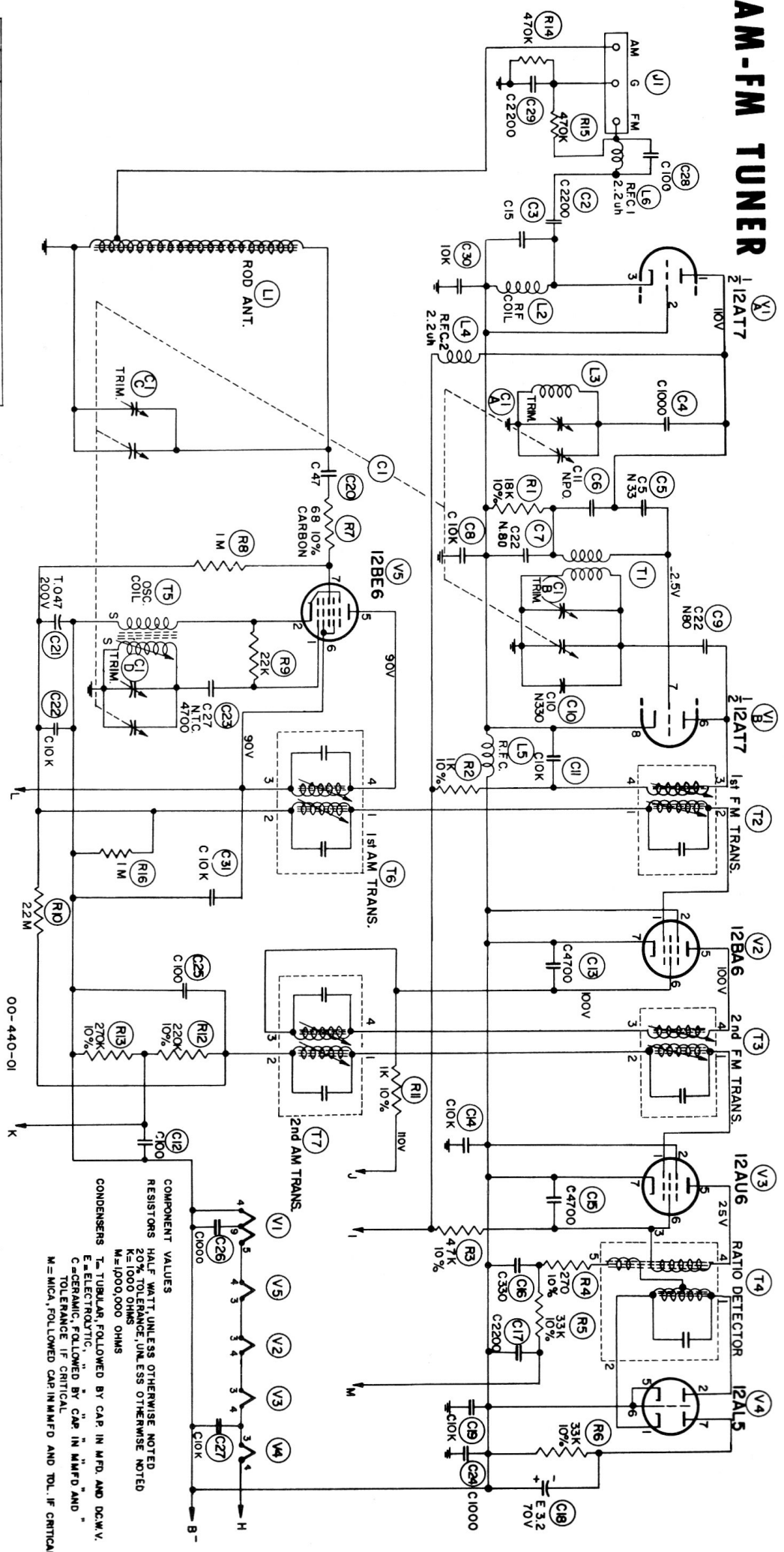
155.3	9-17-59	ADDED NOTE: SUB CHASSIS ETC, 4ROUND ADDED BETWEEN RE (11)	MS
155.2	4-8-53	11, V2, V3 WERE 68	204
CN N°	DATE	CHANGE	CHECK

ALIGNMENT AND SENSITIVITY SIGNAL GENERATOR MODULATED 30% AT 400 CYCLES

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STEP	APPLY SIGNAL AT KC	THRU SERIES DUMMY	SET GANG AT KC.	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT	100MV AT DIODE LOAD VOLUME CONTROL DOWN
1	455 PIN 1 12BA6	.05	MIN. CAP	SLUGS T5		7000 uv
2	455 PIN 7 12BE6	.05	MIN. CAP	SLUGS T4 AND REPEAT STEP 1		300 uv
3	1460 EXT ANT. CONNECT	200 uufd	1460 KC	C1c TRIMMER		
4	600 EXT ANT. CONNECT	200 uufd	600 KC	T 3 SLUGS AND REPEAT STEPS 5&6		
5	1460 EXT. ANT. CONNECT	200 uufd	1460 KC	C1A AND C1b TRIMMERS		2.5 uv
6	600 EXT. ANT. CONNECT	200 uufd	600 KC	SLUGS T1 AND T2 REPEAT STEPS 5&6		2.5 uv
7	535 520 1605 EXT ANT. CONNECT	200 uufd	TUNE THRU	CHECK ONLY		



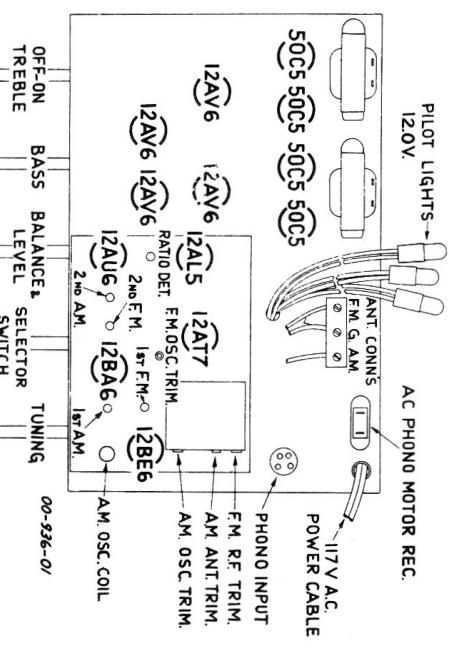
AM-FM TUNER



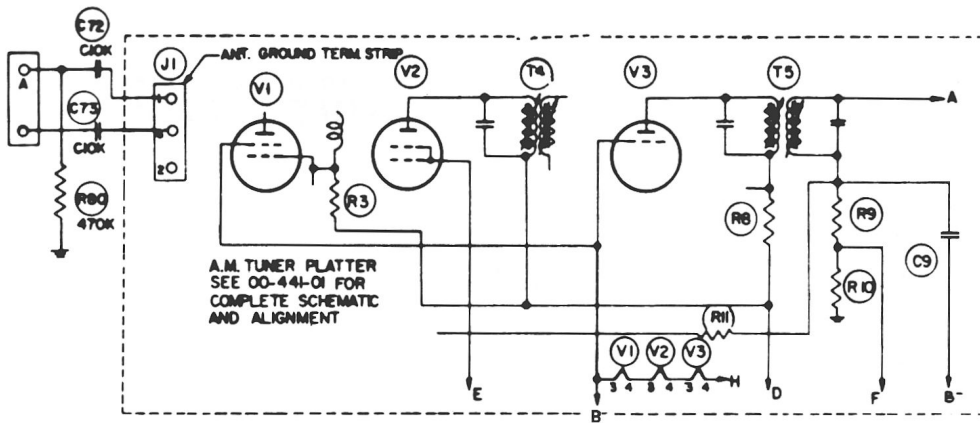
DATE	REV.	DESCRIPTION
01/10/10	1	INITIAL DESIGN
02/10/10	2	REVISION: 1. 12BE6 TO 12BE6A
03/10/10	3	REVISION: 2. 12BA6 TO 12BA6A
04/10/10	4	REVISION: 3. 12AU6 TO 12AU6A
05/10/10	5	REVISION: 4. 12AL5 TO 12AL5A
06/10/10	6	REVISION: 5. 00-440-01 CAP
07/10/10	7	REVISION: 6. 12BE6 TO 12BE6B
08/10/10	8	REVISION: 7. 12BA6 TO 12BA6B
09/10/10	9	REVISION: 8. 12AU6 TO 12AU6B
10/10/10	10	REVISION: 9. 12AL5 TO 12AL5B
11/10/10	11	REVISION: 10. 00-440-01 CAP
12/10/10	12	REVISION: 11. 12BE6 TO 12BE6C
01/11/10	13	REVISION: 12. 12BA6 TO 12BA6C
02/11/10	14	REVISION: 13. 12AU6 TO 12AU6C
03/11/10	15	REVISION: 14. 12AL5 TO 12AL5C
04/11/10	16	REVISION: 15. 00-440-01 CAP
05/11/10	17	REVISION: 16. 12BE6 TO 12BE6D
06/11/10	18	REVISION: 17. 12BA6 TO 12BA6D
07/11/10	19	REVISION: 18. 12AU6 TO 12AU6D
08/11/10	20	REVISION: 19. 12AL5 TO 12AL5D
09/11/10	21	REVISION: 20. 00-440-01 CAP
10/11/10	22	REVISION: 21. 12BE6 TO 12BE6E
11/11/10	23	REVISION: 22. 12BA6 TO 12BA6E
12/11/10	24	REVISION: 23. 12AU6 TO 12AU6E
01/12/10	25	REVISION: 24. 12AL5 TO 12AL5E
02/12/10	26	REVISION: 25. 00-440-01 CAP
03/12/10	27	REVISION: 26. 12BE6 TO 12BE6F
04/12/10	28	REVISION: 27. 12BA6 TO 12BA6F
05/12/10	29	REVISION: 28. 12AU6 TO 12AU6F
06/12/10	30	REVISION: 29. 12AL5 TO 12AL5F
07/12/10	31	REVISION: 30. 00-440-01 CAP
08/12/10	32	REVISION: 31. 12BE6 TO 12BE6G
09/12/10	33	REVISION: 32. 12BA6 TO 12BA6G
10/12/10	34	REVISION: 33. 12AU6 TO 12AU6G
11/12/10	35	REVISION: 34. 12AL5 TO 12AL5G
12/12/10	36	REVISION: 35. 00-440-01 CAP
01/01/11	37	REVISION: 36. 12BE6 TO 12BE6H
02/01/11	38	REVISION: 37. 12BA6 TO 12BA6H
03/01/11	39	REVISION: 38. 12AU6 TO 12AU6H
04/01/11	40	REVISION: 39. 12AL5 TO 12AL5H
05/01/11	41	REVISION: 40. 00-440-01 CAP
06/01/11	42	REVISION: 41. 12BE6 TO 12BE6I
07/01/11	43	REVISION: 42. 12BA6 TO 12BA6I
08/01/11	44	REVISION: 43. 12AU6 TO 12AU6I
09/01/11	45	REVISION: 44. 12AL5 TO 12AL5I
10/01/11	46	REVISION: 45. 00-440-01 CAP
11/01/11	47	REVISION: 46. 12BE6 TO 12BE6J
12/01/11	48	REVISION: 47. 12BA6 TO 12BA6J
01/02/11	49	REVISION: 48. 12AU6 TO 12AU6J
02/02/11	50	REVISION: 49. 12AL5 TO 12AL5J
03/02/11	51	REVISION: 50. 00-440-01 CAP
04/02/11	52	REVISION: 51. 12BE6 TO 12BE6K
05/02/11	53	REVISION: 52. 12BA6 TO 12BA6K
06/02/11	54	REVISION: 53. 12AU6 TO 12AU6K
07/02/11	55	REVISION: 54. 12AL5 TO 12AL5K
08/02/11	56	REVISION: 55. 00-440-01 CAP
09/02/11	57	REVISION: 56. 12BE6 TO 12BE6L
10/02/11	58	REVISION: 57. 12BA6 TO 12BA6L
11/02/11	59	REVISION: 58. 12AU6 TO 12AU6L
12/02/11	60	REVISION: 59. 12AL5 TO 12AL5L
01/03/11	61	REVISION: 60. 00-440-01 CAP
02/03/11	62	REVISION: 61. 12BE6 TO 12BE6M
03/03/11	63	REVISION: 62. 12BA6 TO 12BA6M
04/03/11	64	REVISION: 63. 12AU6 TO 12AU6M
05/03/11	65	REVISION: 64. 12AL5 TO 12AL5M
06/03/11	66	REVISION: 65. 00-440-01 CAP
07/03/11	67	REVISION: 66. 12BE6 TO 12BE6N
08/03/11	68	REVISION: 67. 12BA6 TO 12BA6N
09/03/11	69	REVISION: 68. 12AU6 TO 12AU6N
10/03/11	70	REVISION: 69. 12AL5 TO 12AL5N
11/03/11	71	REVISION: 70. 00-440-01 CAP
12/03/11	72	REVISION: 71. 12BE6 TO 12BE6O
01/04/11	73	REVISION: 72. 12BA6 TO 12BA6O
02/04/11	74	REVISION: 73. 12AU6 TO 12AU6O
03/04/11	75	REVISION: 74. 12AL5 TO 12AL5O
04/04/11	76	REVISION: 75. 00-440-01 CAP
05/04/11	77	REVISION: 76. 12BE6 TO 12BE6P
06/04/11	78	REVISION: 77. 12BA6 TO 12BA6P
07/04/11	79	REVISION: 78. 12AU6 TO 12AU6P
08/04/11	80	REVISION: 79. 12AL5 TO 12AL5P
09/04/11	81	REVISION: 80. 00-440-01 CAP
10/04/11	82	REVISION: 81. 12BE6 TO 12BE6Q
11/04/11	83	REVISION: 82. 12BA6 TO 12BA6Q
12/04/11	84	REVISION: 83. 12AU6 TO 12AU6Q
01/05/11	85	REVISION: 84. 12AL5 TO 12AL5Q
02/05/11	86	REVISION: 85. 00-440-01 CAP
03/05/11	87	REVISION: 86. 12BE6 TO 12BE6R
04/05/11	88	REVISION: 87. 12BA6 TO 12BA6R
05/05/11	89	REVISION: 88. 12AU6 TO 12AU6R
06/05/11	90	REVISION: 89. 12AL5 TO 12AL5R
07/05/11	91	REVISION: 90. 00-440-01 CAP
08/05/11	92	REVISION: 91. 12BE6 TO 12BE6S
09/05/11	93	REVISION: 92. 12BA6 TO 12BA6S
10/05/11	94	REVISION: 93. 12AU6 TO 12AU6S
11/05/11	95	REVISION: 94. 12AL5 TO 12AL5S
12/05/11	96	REVISION: 95. 00-440-01 CAP
01/06/11	97	REVISION: 96. 12BE6 TO 12BE6T
02/06/11	98	REVISION: 97. 12BA6 TO 12BA6T
03/06/11	99	REVISION: 98. 12AU6 TO 12AU6T
04/06/11	100	REVISION: 99. 12AL5 TO 12AL5T
05/06/11	101	REVISION: 100. 00-440-01 CAP

Electrohome Catalina FM & Encore FM

STEP	SIGNAL APPLIED TO	FREQUENCY	BAND	DIAL	POINT	OUTPUT	INDICATING	ADJUST	REMARKS	NOMINAL
1	PIN 1-12BE6	435 KCS	AM	30%	AT 400 V	AC V.T.V.M.	AM DET. LOAD	AM. IF 1st AND 2nd	ADJUST FOR MAX. DEFLECTION	100 MV
2	AM ANT. TERMINAL	1460 KCS	AM	30%	AT 400 V	AC V.T.V.M.	AM DET. LOAD	AM OSC AND ANT. TRIM	"	100 MV
3	"	600 KCS	AM	30%	AT 400 V	AC V.T.V.M.	AM DET. LOAD	AM OSC COIL	"	100 MV
4	FM ANT. TERMINAL	10.7 MCS	FM	POINT OF NO INTERFERENCE	DC V.T.V.M.	AM DET. LOAD	AM IF 1st AND 2nd	"	"	"
5	"	"	FM	"	"	DC V.T.V.M.	AM DET. LOAD	"	"	"
6	"	"	FM	"	"	DC V.T.V.M.	AM DET. LOAD	"	"	"
7	FM ANT. TERMINAL	90 MCS	FM	90 MCS	AT 400 V	AC V.T.V.M.	FM DET. OUTPUT	FM. RF AND OSC. COIL	ADJUST FOR MAX. DEFLECTION	100 MV
8	"	"	FM	106 MCS	AT 400 V	AC V.T.V.M.	FM DET. OUTPUT	FM. RF AND OSC. COIL	"	"



AM Switching - AM/FM Switching - Dial Cord Stringing

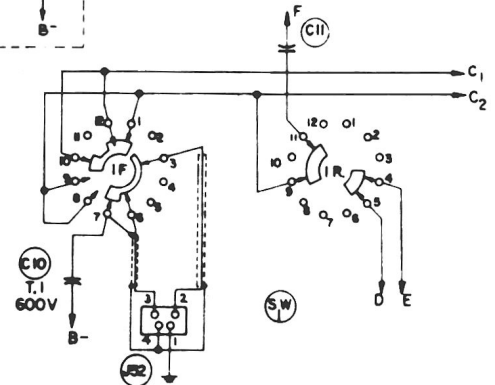


AM Switching

AM PHONO RADIO SWITCH
SWITCH SHOWN IN EXTREME COUNTERCLOCKWISE POSITION

POSITIONS

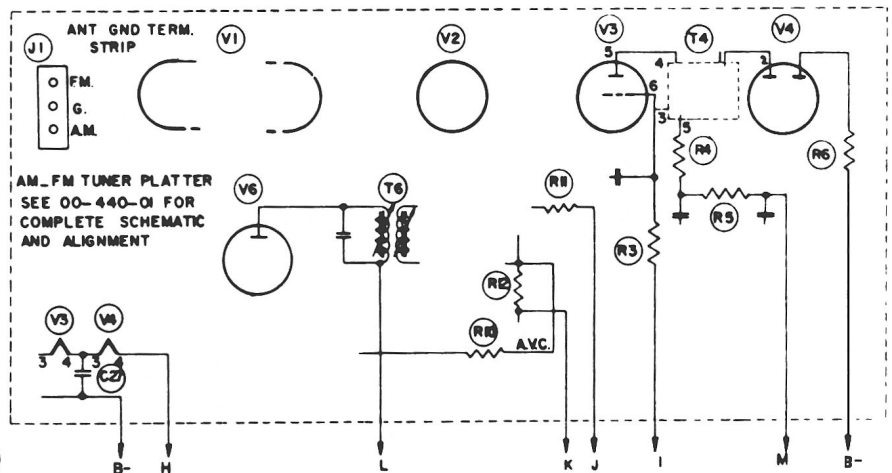
- 1 - AM
- 2 - MONO
- 3 - STEREO
- 4 - STEREO REV.



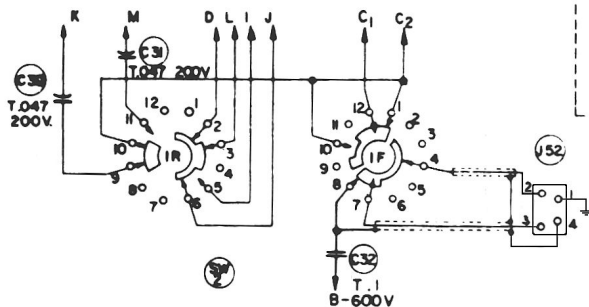
AM-FM PHONO RADIO SWITCH
SWITCH SHOWN IN EXTREME COUNTERCLOCKWISE POSITION

POSITIONS

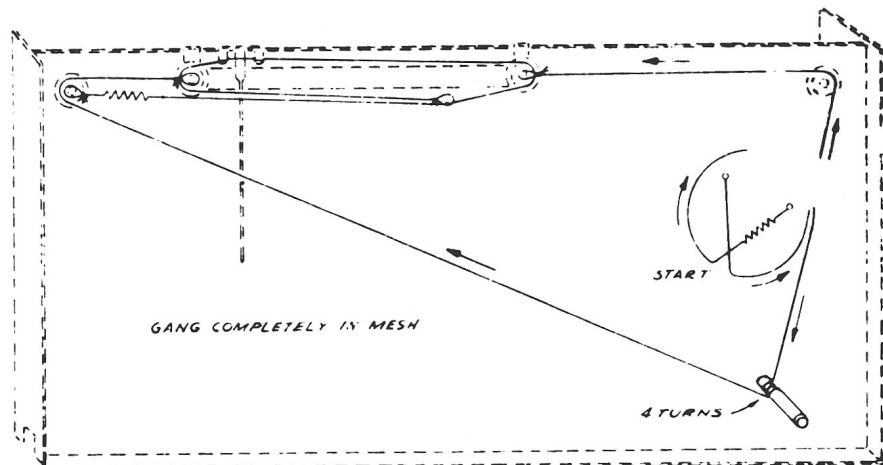
- 1 - AM
- 2 - FM
- 3 - MONO
- 4 - STEREO
- 5 - STEREO REV.



AM/FM Switching



Dial Stringing



AMPLIFIER

