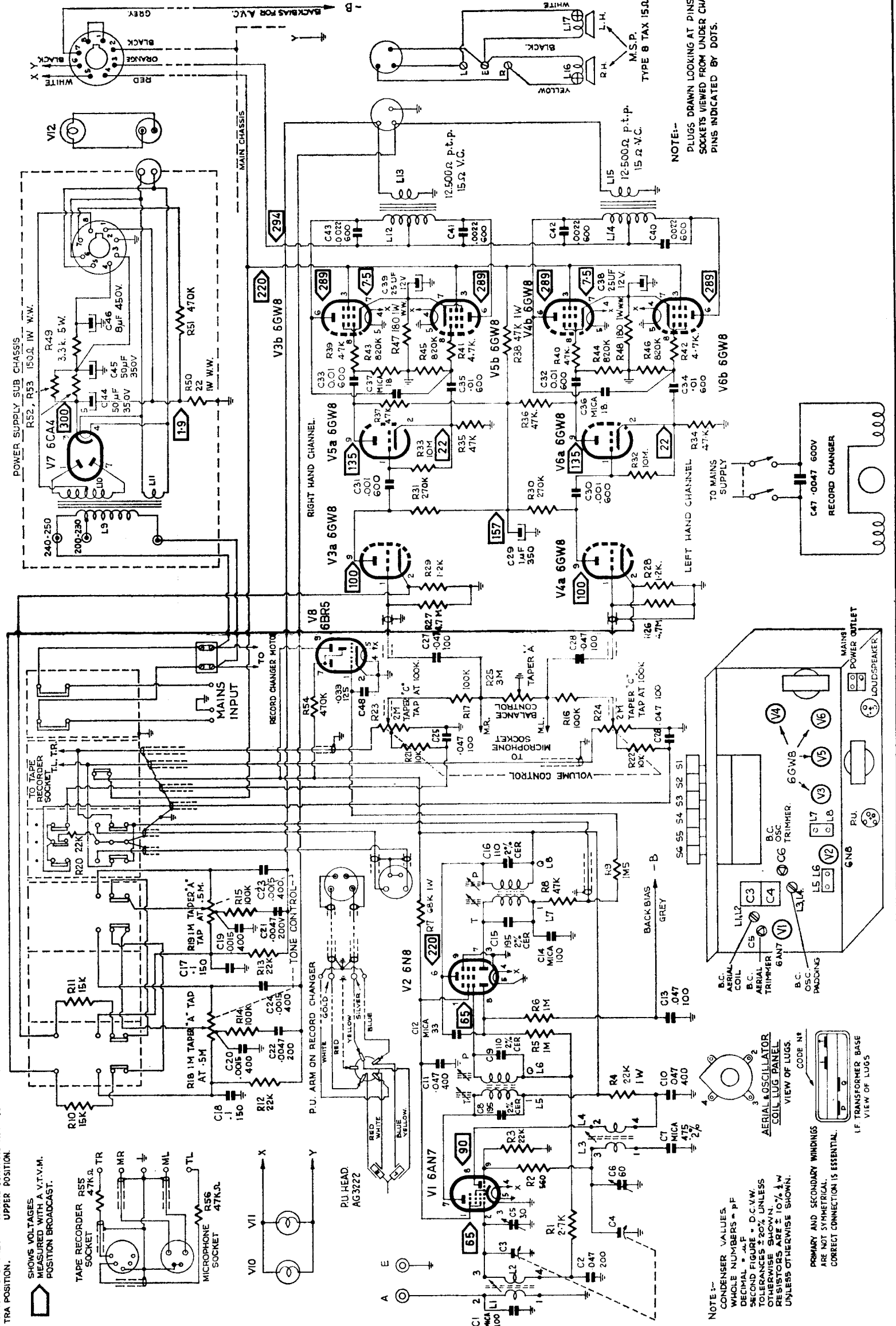
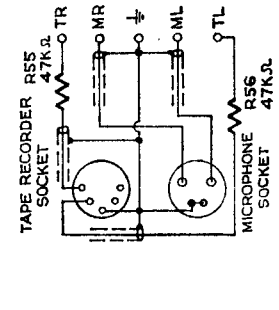


L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17								
C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17								
R	1	56.55	2	3	10	4.12.18	5.14	6	11	13	19	7.15.8	9	20	21.22	23.24.54.17.25	27.28	28.29	30.31	32.33	34.37.51	35	36.37	38.39	40.41.43.42
V	1	56.55	2	3	10	4.12.18	5.14	6	11	13	19	7.15.8	9	20	21.22	23.24.54.17.25	27.28	28.29	30.31	32.33	34.37.51	35	36.37	38.39	40.41.43.42

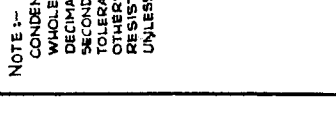
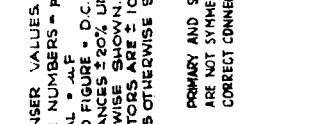
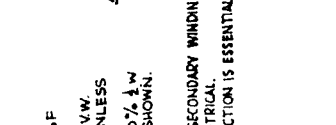
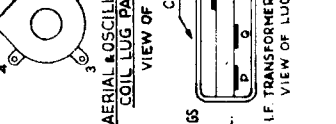
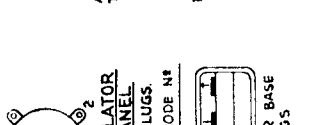
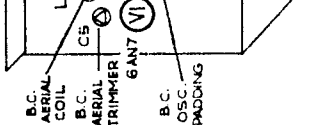
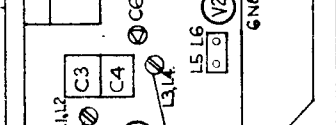
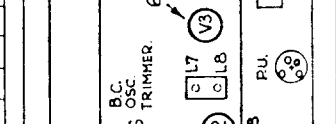
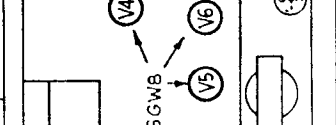
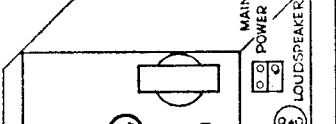
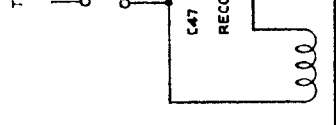
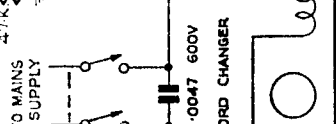
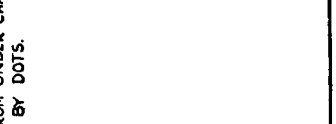
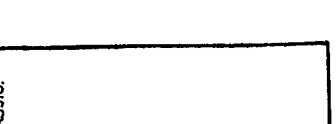
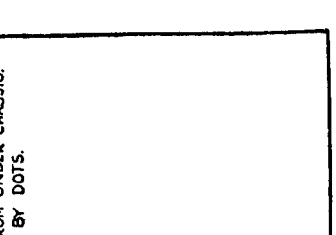
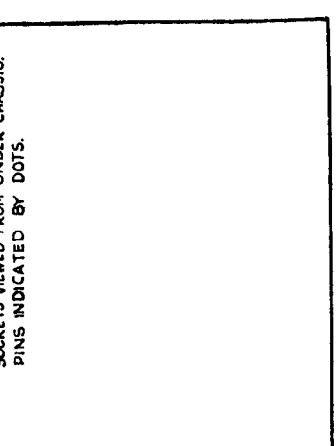
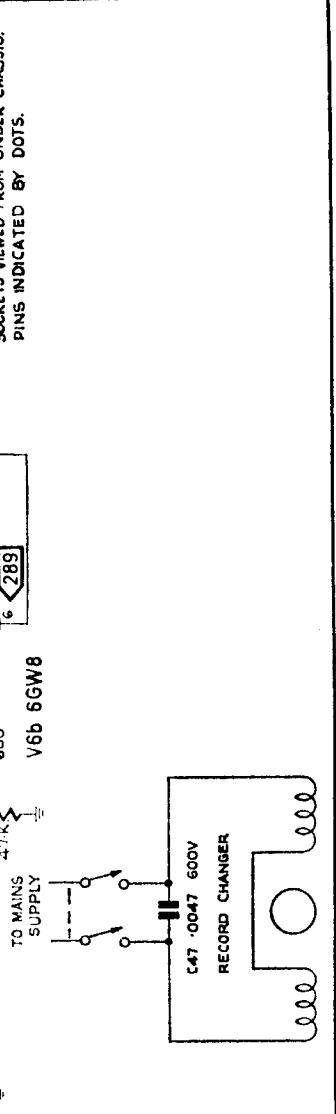
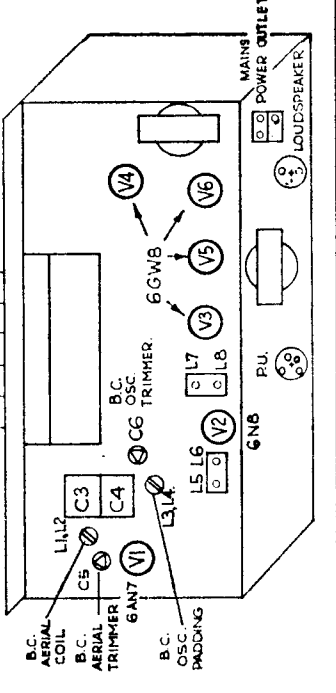
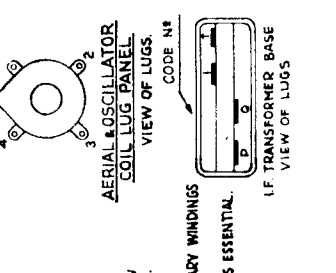
SWITCH SHOWN IN RADIO AND ORCHES-TRA POSITION.
WHEN BUTTONS ARE DERESSED SLIDING CONTACTS MOVE TO UPPER POSITION.

SHOWS VOLTAGES MEASURED WITH A V.T.V.M. POSITION BROADCAST.



NOTE:-
PLUGS DRAWN LOOKING AT PINS.
SOCKETS VIEWED FROM UNDER CHASSIS.
PINS INDICATED BY DOTS.

NOTE:-
CONDENSER VALUES
WHOLE NUMBERS = P.F.
DECIMAL = μF = D.C.V.
SECOND FIGURES ± 20% UNLESS
TOLERANCES ARE ± 10% UNLESS
OTHERWISE SHOWN.
PRIMARY AND SECONDARY WINDINGS
ARE NOT SYMMETRICAL.
CORRECT CONNECTION IS ESSENTIAL.
IF TRANSFORMER BASE
VIEW OF LUGS



PHILIPS *Service*

notes

MODEL 228-01

Model 228/01 is the same as Model 228 except for the addition of a tuning indicator and provision for use of microphone and tape recorder.

Circuit diagram is published overleaf.

Refer to Model 228 service data for all information other than the additional items listed below:—

C48—33nF Polyester 10% 125V C.296.AA/A33K

R9—1.5M Ω carbon 10% $\frac{1}{2}$ W I.R.C. B.T.S.

R54—470k Ω carbon 10% $\frac{1}{2}$ W I.R.C. B.T.S.

R55—47k Ω carbon 10% $\frac{1}{2}$ W I.R.C. B.T.S.

R56—47k Ω carbon 10% $\frac{1}{2}$ W I.R.C. B.T.S.

Tuning indicator type	6BR5
Tape recorder socket	979/5 x 180
Microphone socket	CZ.370.512 McMurdo 4QMS/C
Tuning indicator socket	CZ.370.720 C/F 733-2-39
Dial scale	CS.412.485
Tuning indicator window	P4.067.64/19

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notes

MODEL 228-01 MODIFICATION SHEET

The following modifications have been made to Model 228-01.

1. C47 (record changer mains switch anti-click capacitor) has been deleted and replaced by C49 and C50 (5.6nF ceramic) wired one each across the two portions of the switch.
2. The microphone inputs have been removed from the junctions R17/R25 and R16/R25 respectively and have been taken to the sliders of the volume control potentiometers.
3. Connections to the tape recorder socket have been changed to those shown in the drawing below.

