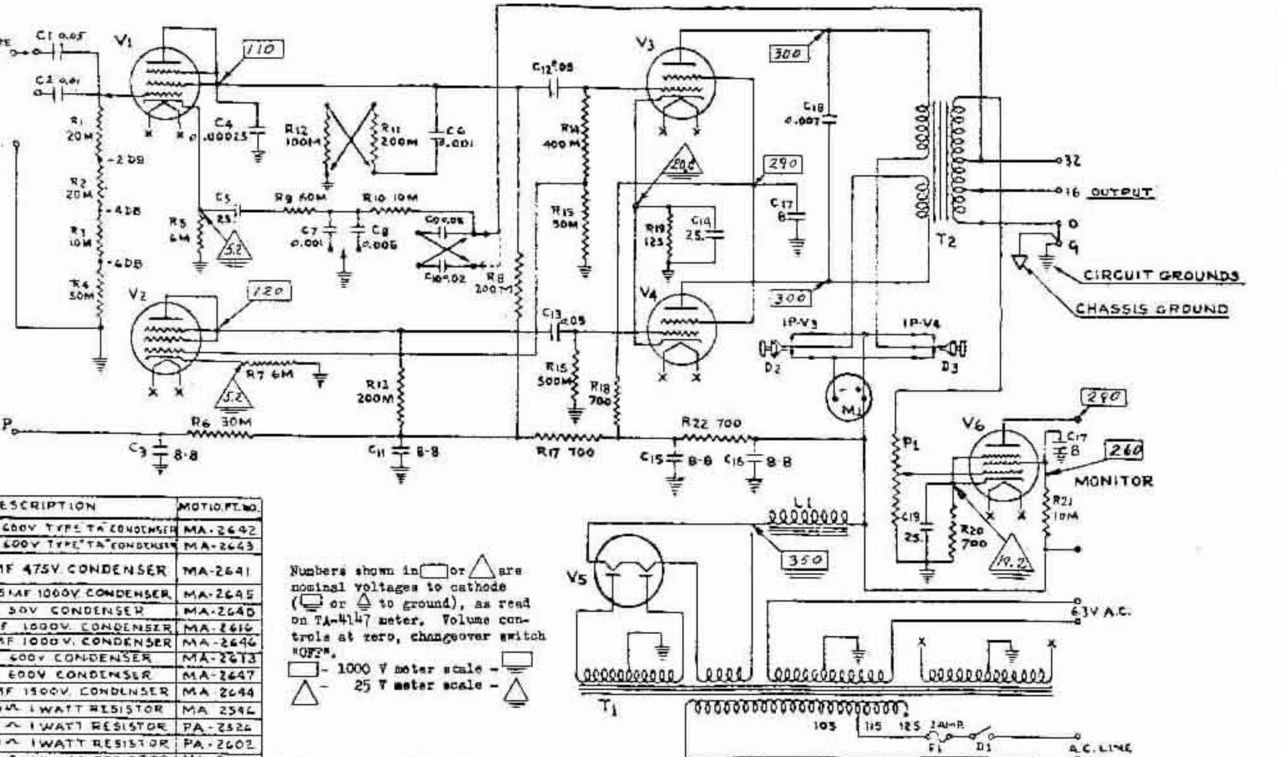
ALTEC MA-7505-A/T

LMA-2650



Numbers shown in ▭ or △ are nominal voltages to cathode (▭ or △ to ground), as read on TA-4147 meter. Volume controls at zero, changeover switch "OFF".

▭ - 1000 V meter scale - ▭

△ - 25 V meter scale - △

DESIG.	DESCRIPTION	MOTIO. PT. NO.
C1, C12, C13	0.05 MF, 600V TYPE "TA" CONDENSER	MA-2642
C2	0.01 MF, 600V TYPE "TA" CONDENSER	MA-2643
C3, C11, C15, C16, C17	8-8 MF 475V CONDENSER	MA-2641
C4	0.00025 MF 1000V CONDENSER	MA-2645
C5, C14, C19	25 MF 50V CONDENSER	MA-2640
C6, C7	0.001 MF 1000V CONDENSER	MA-2616
C8	0.005 MF 1000V CONDENSER	MA-2646
C9	0.05 MF 600V CONDENSER	MA-2613
C10	0.02 MF 600V CONDENSER	MA-2647
C18	0.007 MF 1500V CONDENSER	MA 2644
R1, R2	20,000 Ω 1 WATT RESISTOR	MA 2546
R3, R10	10,000 Ω 1 WATT RESISTOR	PA-2524
R4, R15	50,000 Ω 1 WATT RESISTOR	PA-2602
R5, R7	6,000 Ω 1 WATT RESISTOR	MA-2655
R6	30,000 Ω 1 WATT RESISTOR	PA-2603
R8, R11, R13	200,000 Ω 1 WATT RESISTOR	MA-2657
R9	60,000 Ω 1 WATT RESISTOR	MA-2654
R12	100,000 Ω 1 WATT RESISTOR	MA-2542
R14	400,000 Ω 1 WATT RESISTOR	MA-2656
R16	500,000 Ω 1 WATT RESISTOR	MA-2659
R17, R18, R22	700 Ω 1 WATT RESISTOR	MA-2654
R19	125 Ω 2 WATT RESISTOR	MA-2651
R20	700 Ω 10 WATT RESISTOR	MA 2652
R21	10,000 Ω 10 WATT RESISTOR	MA 2653
D1	S.P.S.T. TOGGLE SWITCH	MA-2521
D2, D3	PUSH BUTTON SWITCH	MA-2605

DESIG.	DESCRIPTION	MOTIO. PT. NO.
P1	POTENTIOMETER 200,000 Ω	MA 2525
M1	METER 0-200 MA.	MA 2636
T1	POWER TRANSFORMER T-47868	MA-7028
T2	OUTPUT TRANSFORMER T-47870	MA-2638
L1	CHOKE COIL T47869	MA-2639
V1, V2	6SJ7 VAC. TUBE	
V3, V4	6L6G VAC. TUBE	
V5	5Z3 VAC. TUBE	
V6	6K6 VAC. TUBE	
F1	FUSE 2 AMP	MA-2681

NOTES

1. WIRES ENDING THUS → ARE TO BE CONNECTED IN FIELD AS REQUIRED. SEE INSTALLATION INSTRUCTIONS.

WIRING DIAGRAM DWG. LMA-2649

CHANGES

[illegible] 1 8-15-44 [illegible]

ISSUE 2 8-28-44
C1 WAS MA-2613 COND. C3 WAS MA-2642 COND

ISSUE 3 9-12-44
T-1 WAS MA-2637 CHANGE MADE ON AMP'LS SER. "GJ" AND LATER

Iss: 3A 11-2-45 D.L.O.

TITLE: MA-7505-A AMPLIFIER SCHEMATIC DIAGRAM

MATERIAL ______ FINISH ______

DRAWN: H.M. | CHKD.: RW | APPVD.: RW | DATE: 8-15-44

DRWG. NO. LMA-2650

MOTIOGRAPH
CHICAGO, ILL.

DO NOT SCALE DRAWING

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