



Fig. 6-31. Optional Microphone Preamplifier

OPTIONAL ACCESSORY  
MICROPHONE PREAMPLIFIER  
CATALOG NO. 4010066B  
(see Fig. 6-31)

Ref.	Qty	DESCRIPTION	Ampex Part No.
	1	Printed Circuit Board, assembly	4050409-01
C1	2	Capacitor, tantalum; 39 mfd, $\pm 20\%$ , 6 vdcw	037-452
C2	2	Capacitor, tantalum; 0.22 mfd, $\pm 20\%$ , 25 vdcw	037-450
C3	1	Capacitor, tantalum; 68 mfd, $\pm 20\%$ , 20 vdcw	037-451
C4	-	Same as C2	
C5	1	Capacitor, ceramic disc; .0022 mfd, $\pm 10\%$ , 500 vdcw	030-102
C6	-	Same as C1	
Q1	2	Transistor, silicon; low noise, low level	014-698
Q2	-	Same as Q1	
R1	2	Resistor, fixed, comp; 470,000 ohms, $\pm 5\%$ , 1/2w; RC20GF474J	041-029
R2	1	Resistor, fixed, comp; 27,000 ohms, $\pm 5\%$ , 1/2w; RC20GF273J	041-015
R3	1	Resistor, metal film; 22,100 ohms, $\pm 1\%$ , 1/4w	057-208
R4	1	Resistor, fixed, comp; 620 ohms, $\pm 5\%$ , 1/2w; RC20GF621J	041-006
R5	1	Resistor, fixed, comp; 9,100 ohms, $\pm 5\%$ , 1/2w; RC20GF912J	041-373
R6	1	Resistor, fixed, comp; 1.3 meg ohms, $\pm 5\%$ , 1/2w; RC20GF135J	041-377
R7	-	Same as R1	
R8	1	Resistor, metal film; 47,500 ohms, $\pm 1\%$ , 1/4w	042-482
R9	1	Resistor, fixed, comp; 1,800 ohms, $\pm 5\%$ , 1/2w; RC20GF182J	041-009
R10	1	Resistor, fixed, comp; 22,000 ohms, $\pm 5\%$ , 1/2w; RC20GF223J	041-016
T1	1	Transformer, microphone	4580197-01
	2	Sockets, transistors	150-103
	1	Can, plug-in	4290201-10

AMPEX

MICROPHONE  
PREAMPLIFIER

CATALOG NO.  
4010066 - 02





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