



The Audio Research SP-6 makes a return visit to our pages, this time in its revised SP-6A version on the facing page, and with a full parts listing below. Note the size of the coupling capacitors on both amplifier stages. We thank Tom Tutay for sharing the schematic (slightly marked up) with us. We also thank, again, William Z. Johnson of Audio Research Corp. of Minneapolis for permission to reprint the schematic.

Dynaco's FM-5 tuner has a front end which, on the schematic, is a black box. To our knowledge, the internal details of the front end have never been made public. Since the unit is no longer available, Robert Tucker kindly provided the known details of the unit with the thought that those who may want to repair it will more likely be able to do so with the information provided above. Unfortunately we do not know more about the individual components than is designated above.

COMPONENT	QUAN.	DESCRIPTION	VALUE	RATING	TOL.
V1-6	6	ECC83/12AX7A			
D1-8,13	9	1N4005			
D9-12	4	1N4006			
ZD1-17	17	1N53688	47V	5W	5%
Q1	2	LED			
Q2,3	1	MJ413 Transistor			
Q4	2	MJ410 Transistor			
RV1	1	Balance Control			
RV2	1	Balance Control			
R36	1	Carbon Comp.			10%
R39,41	2	Carbon Comp.			5%
R40	1	Carbon Comp.	820Ω	1/2W	5%
R42	1	Carbon Comp.	1.8K	1W	5%
R43	1	Carbon Comp.	1K	1W	5%
R44-46	3	Carbon Comp.	10K	1W	10%
R47,48	2	Carbon Comp.	270K	2W	10%
R49	2	Carbon Comp.	8.2K	2W	5%
R50	2	Carbon Comp.	18K	1W	5%
R55	2	Carbon Comp.	15Meg	17/2W	5%
C1,2,8	6	Gipped Mica	20pF	500V	5%
C3	2	Metallized Mylar	.47μF	400V	10%
C4,10	4	Metallized Mylar	15μF	200V	10%
C5	1	Metallized Mylar	2500pF	500V	10%

SP-6A PARTS LIST	VALUE	RATING	TOL.
R36	1	Carbon Comp.	10%
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R42	1	Carbon Comp.	1.8K
R43	1	Carbon Comp.	1K
R44-46	3	Carbon Comp.	10K
R47,48	2	Carbon Comp.	270K
R49	2	Carbon Comp.	8.2K
R50	2	Carbon Comp.	18K
R55	2	Carbon Comp.	15Meg
C1,2,8	6	Gipped Mica	20pF
C3	2	Metallized Mylar	.47μF
C4,10	4	Metallized Mylar	15μF
C5	1	Metallized Mylar	2500pF