



INTERMEDIATE FREQUENCY TRANSFORMERS ARE TUNED TO 458 KILOCYCLES.

MODEL	
PR-16	
DESIGNED BY	KRP
CHECKED BY	JMP
APPROVED	ERF
DRAWN BY	WFK
SERIES	A

PATTERSON
ALL-WAVE RADIO

C 1-3.30	MMFD.
C 1-300	MMFD.
C 2-500	MMFD.
C 3-.0001	MICA 10%
C 4-.00025	MICA 10%
C 5-.001	MICA 3%
C 6-.0022	MICA 3%
C 7-.004	MICA 3%
C 8-.006	600 VOLT
C 9-.02	600 VOLT
C 10-.05	600 VOLT
C 11-1	600 VOLT
C 12-.25	600 VOLT
C 13-.25	600 VOLT
C 14-.5	200 VOLT
C 15-.5	600 VOLT
C 16-1 MFD.	200 VOLT
R	50 OHMS 1 WATT

R 1	150 OHMS	1/2 WATT
R 2	150 OHMS	1 WATT
R 3	200 OHMS	1/2 WATT
R 4	750 OHMS	1/2 WATT
R 5	1500 OHMS	1/3 WATT
R 6	2000 OHMS	1/2 WATT
R 7	5000 OHMS	1/2 WATT
R 8	8000 OHMS	20 WATT
R 9	10000 OHMS	1/2 WATT
R 10	15000 OHMS	1/3 WATT
R 11	20000 OHMS	1/2 WATT
R 12	50000 OHMS	1/2 WATT
R 13	100000 OHMS	1/2 WATT
R 14	100000 OHMS	1/2 WATT
R 15	250000 OHMS	1/2 WATT
R 16	300000 OHMS	1/3 WATT
R 17	500000 OHMS	1/2 WATT
C 17	8 MFD.	450 VOLT
C 18	10 MFD.	25 VOLT

C 19	16 MFD.	475 VOLT
C 20	6	SECTION TUNING
CH	6	R. F. CHOKE
J	1	PHONE JACK
M	1	R METER
P 1	1	SPEAKER PLUG
P 2	1	CONNECTOR PLUG NO. 1
P 3	1	CONNECTOR PLUG NO. 2
P 4	1	CONNECTOR PLUG NO. 3
V 1	1	VOLUME CONTROL 500000 OHMS
V 2	1	TONE CONT. 50000 OHMS
V 3	1	MANUAL VOLUME 500000 OHMS
V 4	1	R METER ADJUSTMENT 1000 OHMS
V 5	1	SILENT TUNING ADJUSTMENT 1000 OHMS

R 18	1	MEG. OHMS	1/3 WATT
T 1	1	POWER TRANSFORMER	
T 2	1	AUDIO TRANSFORMER	
T 3	1	OUTPUT TRANSFORMER	
S 1	1	SILENT TUNING SWITCH	
S 2	1	BEAT OSCILLATOR SWITCH	
S 3	1	COMMUNICATION SWITCH	
S 4	1	A.C. LINE SWITCH LOCATED ON VOLUME CONTROL	
S 5	1	A. V. C. ON-OFF SWITCH LOCATED ON MANUAL VOL.	
S 6	1	CRYSTAL, SERIES-PARALLEL SWITCH	
S 7	1	SPEAKER SOCKET	
S 8	1	CONNECTOR SOCKET NO. 1	
S 9	1	CONNECTOR SOCKET NO. 2	
S 10	1	CONNECTOR SOCKET NO. 3	

PATTERSON RADIO CO.

MODEL PR-16
Schematic