



# WESTINGHOUSE 890 & 1890

5 Valve, Two Band, Universal A.C-D.C. Operated Superheterodynes.

**TUNING RANGES:** "Standard Medium Wave" — 1600-550 K.C. "Short Wave" — 13.65-45M. **R.F. ALIGNMENT SETTINGS:** "Standard Medium Wave" — 600 K.C. (Osc.), 1500 K.C. (Osc. and Aer.). "Short Wave" — 15M (Osc. and Aer.). **INTERMEDIATE FREQ.:** 455 K.C. **POWER CONSUMPTION:** 90 watts. **VALVE COMPLEMENT:** (1) 6J8G Freq. Converter. (2) 6U7G I.F. Amp. (3) 6B6G 2nd Det., A.V.C. and A.F. Amp. (4) 25L6G Output. (5) 25A6G Rectifier. 302-Barretter. **LOUDSPEAKER:** 7" and 12". **Field Coil Resistance** 2500 ohms. **UNDISTORTED POWER OUTPUT:** 2.2watts. **MAINS FUSES:** 3 amp.

Code No.	COILS.	R12	600 ohms 1/3W	C16	Tuning Condenser
L1, L2	Aerial Coil 1600-550 K.C.	R13	1.75 megohms 1/3W	C17	.1 mfd paper
L3, L4	Aerial Coil 13.65-45 M.	R14	500,000 ohms Vol. Cont.	C18	.1 mfd paper
L5, L6	Osc. Coil 1600-550 K.C.	R15	50,000 ohms 1/3W	C19	.02 mfd paper
L7, L8	Osc. Coil 13.65-45 M.	R16	10 megohms 1W	C20	.1 mfd paper
L9, C14	Filter Unit	R17	200,000 ohms 1W	C21	.1 mfd paper
L10, L11	1st I.F. Transformer	R18	50,000 ohms 1W	C22	70 mmfd mica (N)
L12, C29	Filter Unit	R19	390,000 ohms 1/3W	C23	70 mmfd mica (N)
L13, L14	2nd I.F. Transformer	R20	150 ohms 3W	C24	.1 mfd paper
L15	Filter Choke	R21	50,000 ohms 1/3W	C25	.01 mfd paper
		R22	100,000 ohms Tone Cont.	C26	.1 mfd paper
		R23	100 ohms 3W	C27	.1 mfd paper
		R24	12 megohms 1W	C28	.01 mfd paper
				C29	3500 mmfd mica
				C30	70 mmfd mica (N)
				C31	70 mmfd mica (N)
				C32	110 mmfd mica (L)
				C33	110 mmfd mica (L)
				C34	.01 mfd paper
				C35	.5 mfd paper
				C36	.05 mfd paper
				C37	8 mfd, 525 P.V. Electro
				C38	16 mfd, 525 V.P. Electrp
				C39	8 mfd 525 P.V. Electro
				C40	.01 mfd paper
				C41	25 mfd 25 V. Electro
				C42	.1 mfd paper
				C43	.0025 mfd paper—R189
					.035 mfd—R89
Code No.	TRANSFORMERS	Code No.	CONDENSERS.		
T1	Loudspeaker Trans- former (Mantel)	C1	500 mmfd mica		
T1	Loudspeaker Trans- former (Console)	C2	500 mmfd mica		
		C3	4 mmfd mica		
		C4	2-20 mmfd air trimmer		
		C5	2-20 mmfd air trimmer		
		C6	.02 mfd paper		
		C7	Tuning Condenser		
		C8	350 mmfd mica		
		C9	11-29 mmfd air trimmer		
		C10	440 mmfd mica (padder)		
		C11	2-10 mmfd air trimmer		
		C12	4000 mmfd mica (padder)		
		C13	.05 mfd paper		
		C14	3500 mmfd mica		
		C15	70 mmfd mica (N)		
Code No.	RESISTORS.				
R1	100,000 ohms 1/3W				
R2	400 ohms 1/3W				
R3	500,000 ohms 1/3W				
R4	50,000 ohms 1/3W				
R5	600 ohms 1/3W				
R6	20,000 ohms 1W				
R7	300 ohms 1/3W				
R8	6000 ohms 2W				
R9	8000 ohms 1W				
R10	600 ohms 1/3W				
R11	600 ohms 1/3W				