

Log Chart

STATION	Call Letters	Wave Length	Dial 1	Dial 2	Dial 3	REMARKS
Shepherd Stakes	WJGC	280	14	17	20	
Washington			60	62	64	
W. Va.	WYR		19	14	32	
	WVIC		79	81	83	
	KDKA		20	21	25	
	WRC		55	57	60	
	WYV		49	49	50	
New York			35	40	40	
WBZ			6	9	7	
WOO			75	77	79	
W. Va.						
Providence	WJAR		18	18	23	
Buffalo	WIAK		11	15	15	
W. Va.	WROA		9	12	14	

FRESHMAN MASTERPIECE

INSTRUCTIONS

ANTENNA: This set is designed for operation on either an outdoor aerial, Antenna plug, or indoor aerial. It is not designed for operation on a loop.

CONNECTIONS: Be sure that all connections such as "A" Battery, "B" Battery, antenna and ground are tight and that insulating material is removed from the wires at point of connection.

TUBES: The Freshman MASTERPIECE is best operated with all UV-201A or C-501A tubes, in which case 45 to 90 Volts should be used on the Amplifier tubes or connected to the binding post marked B positive on the extreme right. 45 to 90 Volts may be used on Detector which is also marked B positive, but is the second binding post on the extreme right. If a soft tube or UV-200 is used for a Detector Tube, be careful not to apply more than 22½ volts on the detector binding post.

STORAGE BATTERY: The storage battery should be a 6 volt standard make. It is imperative that positive and negative connections correspond with the plus A and plus minus binding post on the Receiver. In the event that dry cell tubes are used, five 1½ volt dry cell batteries should be connected in parallel in place of the 6 volt storage battery. It is necessary to keep the "A" battery well charged.

TUNING: If no stations have been logged on your set in your locality, start by setting dial 2 and 3 at 15 degrees, then rotate dial 1 slowly between 5 and 15 degrees. If station is not heard, set dials 2 and 3 each two degrees higher and again slowly rotate dial 1. Continue this operation until a station is heard, then readjust each dial separately to greatest volume. All three dials should read about the same. When the station is tuned in, increase or decrease both Detector and Amplifier until you have attained the desired volume. In tuning in distant stations, the dials should be rotated very slowly. Make a record of each station tuned in on this log chart. You will then always be able to turn your dials to the exact station you desire to hear.

SWITCH: You will find in the center of the Receiver right under the second dial a radio switch. This switch connects everything. When the set is not in operation it is important that the switch be "pushed in" or shut off, thus disconnecting all batteries. If this switch is not shut off when the set is not in operation, you will consume the current from your batteries and use up a portion of the life of the tubes.

LIFE OF BATTERIES: It is impossible to estimate the life of either the storage or "B" batteries. This depends largely on the length of time that the set is in operation. It is necessary to recharge the "A" batteries at frequent intervals.

SERIAL NUMBER

A 42617

Chas. Freshman Co. Inc.
Radio & Condenser Products
FRESHMAN BUILDING 240-248 WEST 40th STREET
NEW YORK CITY, U. S. A.

Be sure that
Serial Number is
on this card

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Buffalo	WJGC		11	10	15	
New York	WYR		79	81	83	
W. Va.	WVIC		72	75	79	
Kentucky	WJAS		41	43	46	
W. Va.	WRC		77	80	80	
Chicago	WBBM		4	7	9	
Iowa	KYV		84	80	85	
Iowa	WHA		80	83	84	
W. Va.	WVBT		71	77	81	
W. Va.	WVBF		6	8	11	
W. Va.	WVJ		36	37	40	
W. Va.	WVMB		11	11	13	
W. Va.	WVJ		57	57	60	
W. Va.	WVAB		30	31	30	