

AMPLIFIER PFL/5
 Technical Instructions
 Item 3 (PFL/5). July, 1938

Impedances

Input impedance	.. .. .	(approx) 26,500 ohms
Output impedance	.. .. .	(approx) 650 ohms
Normal load impedance (headphone control units on control position and in control cubicle)	.. .. .	(approx) 2,000 ohms

Transformers

					<i>Impedance</i>	<i>Turns</i>
				<i>Number</i>	<i>Ratio</i>	<i>Ratio</i>
Input	.. .. .			137	1/4	1/2
Output	.. .. .			258	17.5/1	4.18/1

Supply Data

<i>Valve</i>	<i>Automatic</i>		<i>Screen</i>	<i>Anode</i>	<i>Filament</i>	
	<i>Grid Bias</i>				<i>Volts</i>	<i>Amps</i>
ACSP 3	Volts negative 3.28	Volts mA 186 4.6		Volts mA 125 11.8	Volts 4	Amps 1
	<i>Total Current</i> (each amplifier)			H.T. 16.4 mA	L.T. 1A	
High Tension Supply	.. .. .	.. .. .	.. .. .	.. 250V or 300V		
Low Tension Supply	.. .. .	.. .. .	.. .. .	.. 6V (adjusted to 4V by a series resistance)		

600 Ohm Test Gain

Testing Conditions

Loss Pads key set at 30 db.

T.M.S. sending level -20 db.

Gain at 1,000 c/s 22.5 ± 2 db.

Working Voltage Gain

Testing Conditions

Output loaded with 2,000 ohms and at approximately zero level

Gain at 1,000 c/s. 20 ± 2 db.