

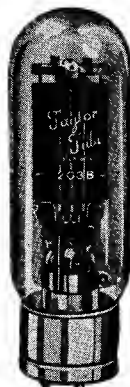
Taylor



Tubes

200 WATTS OF AUDIO

In
CLASS "B"



THE 203B

203-B

50 WATTS PLATE DISSIPATION
METAL PLATE

\$7.50

A **Taylor** designed Class B Audio Amplifier which will produce more Audio Watts per dollar than any other tube at its price on the market today. A pair will deliver 225 watts of Audio in Class "B" which in turn will modulate 100% an input of 800 watts to the Class "C" Amplifier at voice frequencies.

NOT TO BE USED FOR R. F. WHERE VOLTAGE EXCEEDS 1000 VOLTS AND CURRENT EXCEEDS 100 MILS PER TUBE.

GENERAL CHARACTERISTICS

Type 203-B

Filament Voltage, volts.....	10
Filament Current, amps.....	3.85
Plate Resistance, ohms.....	6000
Mutual Conductance, uMhos.....	4800
Amplification Factor.....	25
Thoriated Tungsten Filament	

GENERAL DIMENSIONS

Maximum Length, inches.....	7¼
Maximum Diameter, inches.....	2⅝

INTERELECTRODE CAPACITIES

Plate to Grid, mmf.....	14
Grid to Filament, mmf.....	6
Plate to Filament, mmf.....	5

CLASS "C" OSC. AND POWER AMP.

Max. Operating Plate Volts	
Unmodulated D.C., volts.....	1000
Modulated D.C., volts.....	1000
Max. D.C. Plate Current, mls.....	75
Max. D.C. Grid Current, mls.....	40
Max. Plate Dissipation, watts.....	50
Max. R.F. Grid Current, amps.....	6
Max. R.F. Output, watts.....	50

CLASS "B" AS MODULATOR Push Pull Operation

Filament, volts.....	10
D.C. Plate Voltage, volts.....	1000
Grid Voltage, appr. volts.....	—35
Load Resistance(plt. to plt.), ohms.....	6800
Av. D.C. Plate current (2 tubes), mls.....	330
Static Plate Current (per tube), mls.....	20
Power Output (2 tubes), watts.....	200

NORMAL OPERATION

$E_p = 1000$	$E_g = -90$	$E_f = 10$
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GENERAL INFORMATION

The 203-B was designed when Class "B" audio was first introduced. At that time the only available output transformers were for the 203-A tubes. The cost of tubes plus the cost of the associated equipment prohibited their purchase by the average amateur.

Taylor Tubes introduced this tube and made it possible for the Amateur to use Class "B". The 203-B is one of the most popular tubes in our line—the tube that enabled many Amateurs to increase power.

Standard 203-A Class "B" input and output transformers such as provided by Thordarson, Utah, Jefferson, General Transformer Company, Stancor and other leading transformer manufacturers should be used with this tube.

THE 203 B

IS

AN OUTSTANDING VALUE

IN

TRANSMITTING TUBES

CARBON ANODES

PRODUCE

More Watts Per Dollar