



ELECTRONIC TUBE REFERENCE

244A

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Western Electric heater-cathode triode for professional amplification service. Available source material does not establish a narrower functional role confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	2 V / 1.6 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	10000 Ω
TRANSCONDUCTANCE	0.00101 S
AMPLIFICATION FACTOR	10
MAXIMUM PLATE VOLTAGE	200 V
<i>Promoted fields mapped from published ratings/characteristics; additional published values preserved in parameter table.</i>	

The Western Electric 244A is a triode listed in the supplied catalog table.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1933 Western Electric Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1933 WESTERN ELECTRIC TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate-grid capacitance	3.3 pF	Published direct interelectrode capacitance
Plate-cathode capacitance	3.7 pF	Published direct interelectrode capacitance
Grid-cathode capacitance	3.8 pF	Published direct interelectrode capacitance



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 Western Electric Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1956 WESTERN ELECTRIC TUBES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum/Typical Power Output	0.049 W	Catalog-table value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	200 V	Catalog-table value



2026 Western Electric 200s

Published test conditions and operating points. Values on this page are preserved as reported by this source.

2026 WESTERN ELECTRIC 200S
Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	2 Volt	Heater Voltage 2 Volts, AC or DC
Average Heater Current	1.6 Amperes	Average Heater Current 1.6 Amperes
Average Plate Current	5.5 amperes	Average Plate Current 5.5 6.0 Alilliamperes
Average Plate Resistance	10000 Ohms	Average Plate Resistance.... 10,000 10,000 Ohms
Average Amplification Factor	10	Average Amplification Factor 10.0 9.7
Heater voltage	2 volt	Heater voltage 2.0 volts, a.c. or d.c.
Nominal heater current	1.6 amperes	Nominal heater current 1.6 amperes
included within the area, ABCD, in Figure	3	included within the area, ABCD, in Figure 3. Amplification factor, plate resistance, transconduc
The level of the third harmonic in the	244	The level of the third harmonic in the 244A tube is usually low and may diflFer widely in individual
Microphonic and Sputter Noise—With a plate voltage of	135 volt	Microphonic and Sputter Noise—With a plate voltage of 135 volts, a grid bias of —6 volts,
and a load resistance of	100000 ohms	and a load resistance of 100,000 ohms, the mean microphonic noise output level of the 244A tube,
OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	135 Volt	Plate Voltage 135 180 Volts Maximum