



ELECTRONIC TUBE REFERENCE

ARCOTRON201

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Telefunken Arcotron 201 is an early directly heated low-frequency amplification device intended specifically for resistance-coupled audio stages. Operating with a 1 V, 0.25 A filament, it was designed for use with high-value anode resistors and provided approximately fifteenfold circuit gain under specified conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode

No fixed ratings recorded.

Telefunken Arcotron 201: directly heated low-frequency resistance-coupled amplifier. Filament 1.0 V, approximately 0.25 A; maximum anode current 0.5 mA; approximately 15-fold stage gain with 1 M Ω anode resistor at 150 V, 500 Hz. Stage gain is not intrinsic amplification factor.



SOURCE OPERATING CONDITIONS

9999 Mixed I 1000

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

9999 MIXED I 1000

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	150 V	Representative voltage within documented operating range

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