



ELECTRONIC TUBE REFERENCE

RV239

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-efficiency Telefunken power triode for low-frequency amplification. Rated for approximately 32 W plate dissipation and 800 V plate voltage, with published output around 8-10 W and low internal resistance.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7 V / 1.1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0018 S
AMPLIFICATION FACTOR	3.3
MAXIMUM PLATE VOLTAGE	800 V
MAXIMUM PLATE DISSIPATION	32 W
Published approximate transconductance 1.8 mA/V and mu 3.3; low-frequency power amplifier service.	

The RV239 is a power-amplifier triode intended for low-frequency amplification. The sheet emphasizes high efficiency, roughly 8-10 W of AC output, operation up to 800 V on the plate, and a comparatively low internal resistance that permits substantial load overmatching.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid bias at 440 V plate	-60 V	PlateVoltage=440V
Grid bias at 800 V plate	-180 V	PlateVoltage=800V
Audio output power	8-10 W	LowFrequencyPowerAmplifier
Grid signal voltage	125 V rms	Approximate