



ELECTRONIC TUBE REFERENCE

WE17

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Indirectly heated pentode for RF, IF, and AF amplification, with documented triode-connected operation for low-resistance audio service. Its broad signal-amplifier capability spans receiver and audio-frequency stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 400 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	1500000 Ω
TRANSCONDUCTANCE	0.0021 S
MAXIMUM PLATE VOLTAGE	300 V
General RF/IF/AF pentode.	

The WE17 is an indirectly heated pentode for RF, IF, and AF amplification; it can also be triode-connected for low-resistance audio service.



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 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	250 V	RF/IF amplifier
Screen Voltage	100 V	RF/IF amplifier
Plate Current	3 mA	RF/IF amplifier
Screen Current	1 mA	RF/IF amplifier
Transconductance	2100 μ S	RF/IF amplifier
Triode-Connected Plate Voltage	200 V	TriodeConnection
Triode-Connected Transconductance	3000 μ S	TriodeConnection
Triode-Connected Plate Resistance	8500 ohm	TriodeConnection

TUBE TINKER

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