



ELECTRONIC TUBE REFERENCE

AH100

Hexode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

HEXODE

German triode valve with published operating data and limiting ratings; available source material does not establish a narrower functional role confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1.1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Hexode	
PLATE RESISTANCE	250000 Ω
TRANSCONDUCTANCE	0.0015 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM SCREEN DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	15 mA
<p>Published ratings and characteristic constants promoted where applicable. Telefunken AH100 is a mixer HEXODE, not a triode, usable as amplifier or frequency converter. Maximum plate voltage 250 V; screen grids 2 and 4 jointly maximum 150 V, combined screen dissipation 1 W; plate dissipation maximum 2 W; cathode current maximum 15 mA. Typical amplification plate voltage 200 V, screen 100 V, gm about 1.5 mA/V, rp about 0.25 MΩ.</p>	

AH100: triode valve with published operating data and limiting ratings. The approved German-language

datasheet was translated and interpreted by technical meaning.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Wehrmacht Rohren

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

194X WEHRMACHT ROHREN

Section 1 · Hexode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	1500 μ S	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	200 V	—

TUBE TINKER

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and their source documents.

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