



ELECTRONIC TUBE REFERENCE

AD1350

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Industrial transmitting power triode intended for RF amplification, oscillation, or modulation. Manufacturer data emphasize substantial plate power, professional transmitter operation, and construction suited to continuous high-power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	UX4	BASE PINS	—
NOMINAL HEATER	4 V / 1.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	670 Ω
TRANSCONDUCTANCE	0.006 S
AMPLIFICATION FACTOR	4
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	18 W
MAXIMUM CATHODE CURRENT	60 mA

AD1/350 directly heated audio triode, usable at classic AD1 and higher-voltage operating points. The supplied Emission Labs sheet was read for filament data, maximum ratings, representative operating points, gm/rp/mu, output conditions, capacitances, and rectifier filter conditions as applicable.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

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Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	4 V	—
Filament current	1.5 A	—
Plate resistance	670 ohm	ClassA
Amplification factor	4	ClassA
Transconductance	6000 uS	ClassA

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	250 V	ClassA
Plate current	60 mA	ClassA
Grid voltage	-45 V	ClassA
Load resistance	2500 ohm	ClassA
Output power	4.5 W	ClassA

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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