



ELECTRONIC TUBE REFERENCE

KT41

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Output power tetrode designed for receiver audio stages, providing efficient Class-A or Class-AB power amplification from typical receiving-equipment supply voltages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.0105 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V

High-slope output tetrode for sensitive Class-A and Class-AB audio service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	4 V	—
Heater/Filament Current	2 A	—
Transconductance	10500 μ S	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum/Published Anode Voltage	250 V	—
Maximum/Published Screen Voltage	250 V	—
Maximum Published Power Output	8.6 W	Two-valve service where applicable
Single-Valve Output	4.3 W	250 V plate/screen
Push-Pull Class AB Output	8.6 W	Two valves

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-Anode Capacitance	1.3 pF	—
Anode-Cathode Capacitance	1.3 pF	—
Grid-Cathode Capacitance	21 pF	—

TUBE TINKER

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and their source documents.

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