



ELECTRONIC TUBE REFERENCE

KLL32

Voltage Dual Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-PENTODE

Battery-operated double output pentode designed for push-pull audio power amplification, combining two directly heated power sections in one envelope.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	2 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0026 S
Representative of two identical output-pentode sections.	

SECTION2 Pentode	
TRANSCONDUCTANCE	0.0026 S
Second identical physical output-pentode section; added to align rows with SectionCount.	

Battery double output pentode intended for push-pull audio power service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

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

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	2 V	—
HeaterOrFilamentCurrent	220 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	1.2 W	PushPull;PlateVoltage=135V



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Mullard Receiving Tubes

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

1958 MULLARD RECEIVING TUBES

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	135 V	PushPull; TwoTubes
Screen Voltage	135 V	PushPull; TwoTubes
Power Output	1.2 W	PushPull; TwoTubes
Plate-to-Plate Load Resistance	16000 ohm	PushPull; TwoTubes