



ELECTRONIC TUBE REFERENCE

KBC32

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

Low-consumption battery double-diode triode for detection and audio-frequency voltage amplification. The paired diodes provide receiver rectification while the triode amplifies the recovered signal from an economical directly heated filament.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2 V / 50 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Representative of two diode detector sections.

SECTION2 Diode

No fixed ratings recorded.

Second physical detector diode section added in approved reconciliation.

SECTION3 Triode	
PLATE RESISTANCE	21000 Ω
TRANSCONDUCTANCE	0.0012 S
AMPLIFICATION FACTOR	25
<i>AF amplifier triode section.</i>	

Battery double-diode triode with directly heated filament for detector and voltage-amplifier 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 · Diode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	2 V	—
HeaterOrFilamentCurrent	50 mA	—



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 3 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	100 V	—
Plate Current	2.4 mA	—
Amplification Factor	25 ratio	—

TUBE TINKER

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