

ELECTRONIC TUBE REFERENCE

ECR60

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Mullard oscillographic cathode-ray tube with green non-persistent screen, designed for direct-view waveform measurement and instrumentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	2500 V
Published source values promoted where applicable; additional published values retained as parameters.	

The Mullard ECR60 is an oscillographic cathode-ray tube with green non-persistent screen.



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 · Cathode Ray

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection method	Electrostatic	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Oscilloscope display	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Cathode Ray

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	4 V	—
Heater Current	1 A	—
Fluorescence	Green text	—
Persistence	Non-persistent text	—
Deflection Method	Electrostatic text	—
Grid Voltage Minimum	-100 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid Voltage Maximum	-1 V	—
X Deflection Sensitivity	600/Va3 mm/V	—
Grid Capacitance	25 pF	—
Deflection Plate Capacitance Maximum	25 pF	EachPlate
Cross-Plate Capacitance Maximum	5 pF	OneXtoOneY

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage	2000 V	—
Focus Voltage Minimum	250 V	—
Focus Voltage Maximum	450 V	—
Maximum Anode Voltage	2500 V	—

TUBE TINKER

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

[Catalog](#)
[Tube types](#)
[Full books](#)
[Blog](#)
[Feedback & corrections](#)

© 2026 Tube Tinker