

ELECTRONIC TUBE REFERENCE

24ALP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Large P4 monochrome television picture tube in the 24-inch class, designed for high-voltage direct-view service with manufacturer-specified focusing, magnetic deflection, and beam-control characteristics for type 24ALP4.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8HR	BASE PINS	7
NOMINAL HEATER	6.3 V / 460 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0 Cathode Ray	
MAXIMUM PLATE VOLTAGE	20000 V
Picture-tube anode maximum 20 kV; source warns X-ray shielding may be necessary above 16 kV.	

The 24ALP4 is a 24-inch rectangular glass picture tube with electrostatic focus, magnetic deflection, a 110-degree deflection angle, aluminized screen, and non-ion-trap gun.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 0 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid Number 2 Voltage Maximum	500 V	—
Typical Anode Voltage	17000 V	Typical Operation

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection Angle Diagonal	110 deg	Approximate

TUBE TINKER

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