

ELECTRONIC TUBE REFERENCE

24AJP4

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 24AJP4.

GENERAL CHARACTERISTICS

BASE DESIGNATION	12L	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	22000 V
MAXIMUM SCREEN VOLTAGE	70 V
High-voltage CRT ratings promoted from source. Sylvania source includes X-ray radiation precautions/warning.	

Twenty-four-inch rectangular television picture tube with electrostatic focus, magnetic deflection, gray-filter faceplate, aluminized P4 screen, low grid-2 voltage, and no ion trap.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	600 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Anode Voltage	22000 V	—
Grid2 Voltage	70 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Sylvania Electronic Tubes Vol3

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

1965 SYLVANIA ELECTRONIC TUBES VOL3

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	22000 V	Anode voltage 22000Volts dc
After Equipment Warm-up Period	200 V	After Equipment Warm-up Period . 200 Volts

CIRCUITVALUE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid No. 1 Circuit Resistance	1.5 Mohm	Grid No. 1 Circuit Resistance 1.5 Megohms Max.