



ELECTRONIC TUBE REFERENCE

19GJP4A

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Wide-angle aluminized P4 monochrome television picture tube using electrostatic focusing and magnetic deflection, designed for high-voltage direct-view service with a large approximately 19-inch screen.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	23000 V
<i>Cathode-ray electron-gun/screen system; anode/ultor maximum promoted to MaxPlateVoltage when explicitly published. No explicit X-ray precaution detected in the supplied source.</i>	

19GJP4A is a monochrome cathode-ray picture tube for television/display service. The supplied RCA data describes the published focusing and magnetic deflection and a published maximum anode/ultor voltage of 23000 V.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 RCA HB3 Binder 1 of 7

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

1971 RCA HB3 BINDER 1 OF 7

Section 1 · Cathode Ray

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection Method	Magnetic	Published deflection method

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PAN—O—PLY TYPE	14 deg	PAN—O—PLY TYPE 1 14° MAGNETIC DEFLECTION

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage	10000--23000 V	Anode Voltage 10000 min-23000 max 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