



ELECTRONIC TUBE REFERENCE

11DP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

11DP4 11-inch rectangular monochrome television CRT with electrostatic focus, 110-degree magnetic deflection, non-ion-trap gun and aluminized P4 white screen.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8HR	BASE PINS	8
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	15000 V
MAXIMUM SCREEN VOLTAGE	60 V
<i>11DP4 CRT: anode max 15000 V, min 9000 V; grid2 accelerator range 25-60 V, grid4 electrostatic focusing electrode -500 to +1000 V. Typical Va 11000 V, grid2 50 V, grid4 0 V, cathode +31 to +49 V relative to grid1 for visual cutoff. Heater-cathode ± 200 V normally, heater-negative 450 V for ≤ 15 s warm-up. Grid1 circuit resistance max 1.5 MΩ. Electrostatic focus, magnetic deflection 110° diagonal, 99° horizontal, 82° vertical. P4 aluminized white screen, non-ion-trap electron gun. Capacitances cathode-to-other 5 pF, grid1-to-other 6 pF, coating-to-anode 500-750 pF.</i>	