



ELECTRONIC TUBE REFERENCE

16AXP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Canadian General Electric 16AXP4 16-inch rectangular monochrome CRT with electrostatic unipotential focus, 114-degree magnetic deflection, non-ion-trap gun, aluminized P4 screen and 6.3 V 0.45 A heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8HR	BASE PINS	8
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	18000 V
MAXIMUM SCREEN VOLTAGE	550 V
16AXP4 CRT: anode operating range 11000-18000 V; grid2 accelerator 200-550 V; grid4 focusing electrode -500 to +1000 V. Grid1 negative DC max magnitude 155 V, negative peak 220 V, positive DC 0 V, positive peak +2 V. Heater-cathode ± 200 V normally, heater-negative 450 V ≤ 15 s warm-up. Typical grid-drive V_a 15000 V, V_{g4} 250 V, V_{g2} 300 V, grid1 visual cutoff -40 to -72 V; cathode-drive V_a 15000 V, V_{g4} 250 V, V_{g2} 300 V, cathode +40 to +60 V relative grid1. Grid1 resistance max 1.5 MΩ. P4 aluminized screen, electrostatic unipotential focus, magnetic deflection 114° diagonal, non-ion-trap. Capacitances cathode 5 pF, grid1 6 pF, external coating-to-anode 1000-1500 pF.	