



WELLS-GARDNER  
ELECTRONIC CORPORATION



VGA RESOLUTION  
3000  
TD3

# Large Screen U3000

## SERVICE GUIDE

### SPECIFICATIONS

CRT size (diagonal measure): 27"  
Phosphor type: P22  
CRT etch: Polished faceplate; other faceplates available.  
Striped trio spacing: 0.84 mm

### INPUT SIGNALS

Input connector: 15 pin D-sub male; VGA compatible.  
Video type: RGB analog.  
Video input impedance: 75 Ohm; 470 Ohm optional.  
Video level: 0.7 volts peak-to-peak; other levels optional.  
Sync type: Standard VGA TTL sync; composite optional.  
Sync input impedance: 4.7K Ohm.  
Horizontal sync frequency: 31.5 KHz  
Vertical sync frequency: 60 to 70 Hz

### LIGHT OUTPUT

40 fL typical

### GEOMETRY

Horizontal linearity: +/-7%  
Vertical linearity: +/-5%  
Picture size regulation: 2%  
Geometric distortion: +/-2% max.

### POWER INPUT

Input voltage: 90 - 264 VAC, 50 - 60 Hz; no isolation transformer required.  
Maximum power: 160 watts

### USER CONTROLS

Remote controls: Brightness, contrast, horizontal size,  
horizontal centering, vertical size, vertical centering.  
Internal controls: Horizontal hold, vertical hold, vertical linearity, focus.

### MISCELLANEOUS

Operating temperature: 0 to 55 C  
Agency compliance: UL, CSA, DHHS radiation performance std, TUV.

### RESOLUTION

Graphics modes: VGA: 640 X 200, 640 X 350, 640 X 480  
Video bandwidth: 25 MHz typical.

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE