

COMPARATIVE ANALYSIS AND PERFORMANCE FEATURES OF PLASMA, LCD AND CRT SCREENS: OPERATING FEATURES, MERIT AND RECOMMENDATIONS

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ABSTRACT

The quest for a better television (TV) and monitor displays for home theaters, business and academic programs gives rise to the progresses in video display technologies. The flat screen TV technologies have taken over the consumer market against the old bulky CRT TV technology displays. Again, researches have shown that Plasma based televisions, are better in their display features than, the liquid crystal display (LCD) based televisions. However, there are some complications associated with Plasma TVs especially in distribution, which made LCD TVs most common in the consumer market.

Keywords: CRT, LCD, PLASMA, TV Technology, Life-Span, Contrast Ratio