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LIQUID CRYSTAL DISPLAY

ABSTRACT

Disclosed is a liquid crystal display capable of ensuring brightness necessary for achieving satisfactory display by increasing ratio of light-emitting time to one frame period. A liquid crystal display is adapted to have a period (non-video signal write period) required for writing non-video signals different from video signals onto all the pixels before a video signal write period. In the non-video signal write period, the non-video signals are written onto the respective pixels, thereby starting response of the liquid crystal before the start of the video signal write period. In the non-video signal write period, a backlight is turned off, and thereby image degradation is prevented even when the non-video signals are written onto the respective pixels.

Figure 1