ABSTRACT OF THE DISCLOSURE

LCD SYSTEM WITH A DUAL LCD SUBSYSTEM CONFIGURATION

A liquid crystal display (LCD) system for use in a battery-powered apparatus which includes a controller is provided with an LCD panel comprising an icon display LCD portion and a dot matrix LCD portion electrically isolated from each other. An LCD voltage regulator for supplying a first voltage group and a second voltage group for the icon LCD and the dot matrix LCD, respectively. The controller is configured to output a dot display control signal (CD signal) to the voltage regulator to stop supplying the second group of voltages to the electrode driver and/or the LCD controller of the dot matrix LCD, thereby reducing the power consumption.

Figure 1.