

An easy-to-see display device with low power consumption.

# Memory LCD

## Features

- A device with low power consumption (15  $\mu$ W with a still image displayed) mountable to any equipment.
- A reflective LCD screen (a metallic type with a reflectivity of 50%) with excellent visibility indoors and outdoors.
- Provided with a simple connection interface (a serial 3-wire type with a single power supply).

## Overview

(Technical principles, actions, etc.)

The product incorporates a memory function, which eliminates the necessity of frequently transferring data. Data can be partially overwritten with new information, which greatly reduces the power consumption of the LCD. The glass substrate of the LCD screen incorporates peripheral LCD driving parts, which realized the highly reliable, compact, thin-profile display. Furthermore, the LCD screen is of reflective type with no backlights used, which reduced the total profile and weight of the product.

Models incorporating a design-oriented metallic-type LCD screen or a sharp and easy-to-see black-and-white-type LCD screen are available. The metallic-type LCD screen does not use a polarizer, which ensures high visibility outdoors and is ideal for outdoor sports.



Memory LCD



Cellular phone  
(for full-time display)



Accessories  
(compact with thin profile)



Outdoor device  
(ease-to-see with sunglasses worn)

Applications

Applicable field  
Display units for commercial use,  
home electronics appliances, and house equipment

Water

Energy saving/Energy recovery

Energy storage/Energy creation

New energy

Waste disposal/  
Recycling/  
Resource saving

Air

Soil

Other

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\*Note: This publication introduces examples of technologies and products believed useful towards solving environmental and energy issues. In no way does it constitute guarantees concerning their transfer or sale.