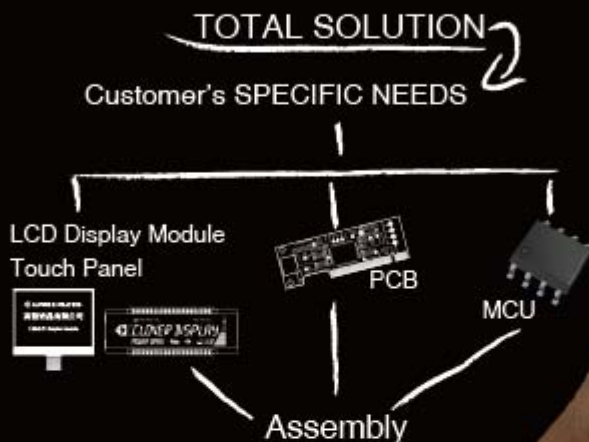


THE EXPERT OF LCD AND LCM
CLOVER DISPLAY 高發液晶

Standard LCD Modules
Standard LCD Panels
Custom Design
Demonstration



THE EXPERT OF LCD AND LCM



Starting off as an associated company of Kontoy Products Company Limited, which focused on electronic board assembling, Clover Display Limited was established in 1983. Clover developed its business in LCD manufacturing and chemical engineering production, processes which are very hard to perfect, but Clover attains the impossible.

Clover (trefoil) usually has three leaves, but occasionally it has four leaves, a probability of 1 in 1000. The four-leaf clovers, like other rarities, are considered as lucky. A common idiom is "to be in clover", which means to be living in a carefree ease, comfort or prosperity. The four leaves clover symbolizes that Clover Display never gives up in developing new applications for different products. We are competitive and perseverant, despite different challenges and hardships.

A strong R&D team in Hong Kong allows Clover to continuously develop LCD and LCM for new applications. In 1993, a 8000 square meter factory was established in Shunde, which specialized in custom design LCD and LCM for industrial applications.

Facilities in Hong Kong and Shunde mainly focus on industrial applications, such as control units, energy meters, equipments, automotives, health equipment, medical equipment, home appliances, fax machine, feature phone, sport coaching meters, thermostats , etc.

In March 2001, Clover China Display (Shenzhen) Limited was established and mainly targeted at China and Taiwan local markets of commercial type.

Market

Clover's sales networks do not only cover Asia, but also Europe and North America. Cooperating with our partners, we make use of their local sales networks to sustain worldwide brand development.

Quality Standard

Our production lines and facilities have met the standard of ISO 9001 and ISO 14001 to ensure our products and service quality.

China Plant for Overseas Market

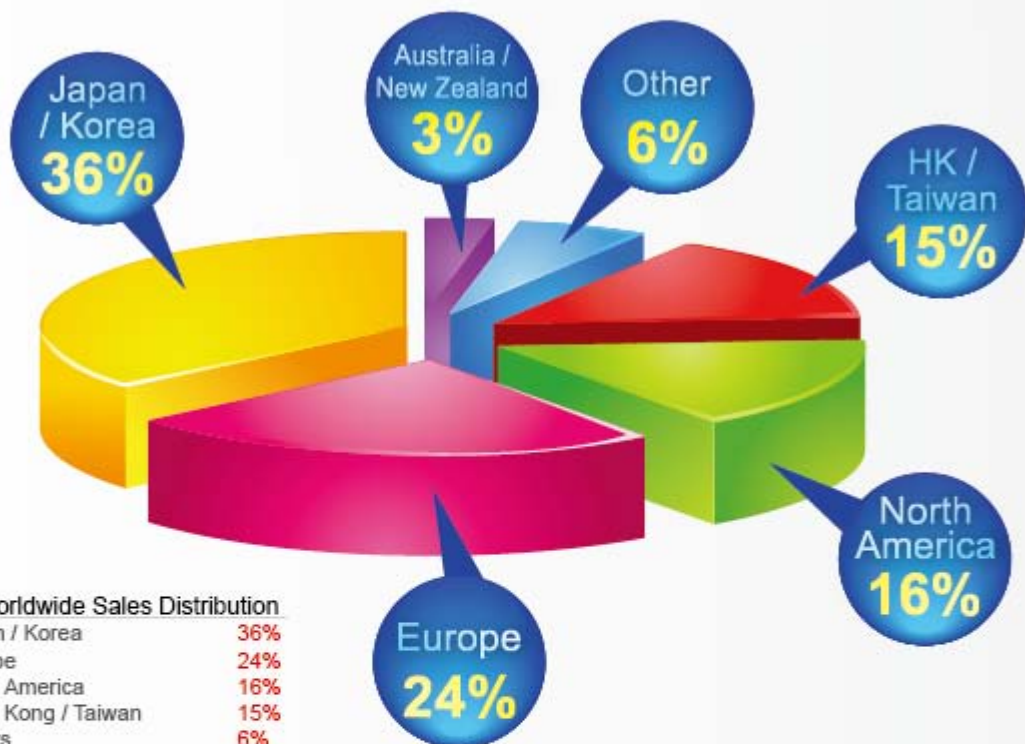
Longoal Display Limited

The LCD and LCM production at Longoal represents the very best in manufacturing and enables competitive pricing for the world market.



Market

Clover's sales networks do not only cover Asia, but also Europe and North America. Cooperating with our partners, we make use of their local sales networks to sustain worldwide brand development.



Worldwide Sales Distribution

Japan / Korea	36%
Europe	24%
North America	16%
Hong Kong / Taiwan	15%
Others	6%
Australia / New Zealand	3%

Management Team

A professional and experienced Management team overlooks Sales and Administration, Manufacturing and quality control in Hong Kong and China respectively. Of course, Group's consultant keeps on providing technological advice.

China Plant for China and Asia Markets

Clover China Display (Shenzhen) Limited

Electronic Module Design Centre is set up in Shenzhen and the full line Lcd production services the China & Asia markets.



Certificate CN10/30105



SPECIALIZED in Custom Designed Products

- Standard LCD Panels and Modules
- Custom Designed LCD Panels and Modules
- Touch Panel
- Module Circuit Design
- OEM Manufacturing
- TN, HTN, STN, and FSTN
- EBTN
- FSC (Field Sequential Color)
- Shaped LCDs
- Using Ultra Thin Glass
- Black Masking
- Color Printing Technique
- SMT, COB, Slim Type COB, TAB, and COG
- LED Backlighting Solution

High Resolution Graphic Modules and Custom Made

One Chip Solution for 320 x 240 COG Graphic LCD Module

Features

- Single chip supporting high resolution
- Built-in controller
- Cost effective

Applications

- Indoor telephone
- Printer / Scanner / FAX machine
- POS terminal
- Educational equipment



Segment Type COG



Large Graphic Model



FSC LCD



EBTN

Enhanced Black Twisted Nematic

EBTN

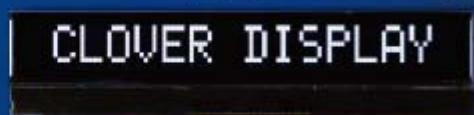
EBTN (Enhanced Black Twisted Nematic) LCD technology is the one of the best negative image display with super high contrast ratio of 500:1, exceeding conventional negative TN, STN and FSTN technology. Their high performances make it an ideal choice for applications ranging from watches to automotives.

Features

- Very dark background with low light leakage
- Super high contrast (500:1)
- Wide viewing angle (3-side optimized)
- Wide operating temperature (-30°C ~ 80°C)
- No temperature compensation required
- Best for icons and 7-segment displays

Applications

- Automotives
- Audio Equipments
- Watches
- Multimeters
- Home Appliances
- Information Board



Capacitive Multi-touch Panel

“ Capacitive multi-touch panel is the best choice for high durability with multi-touch feature. This technology involves no mechanical movement on the panel when operated, as your finger acts like a capacitor which couples the balance state signal when it touches on an operating panel. When one or multiple signals are detected, your fingers' coordinates can be calculated immediately by data processing.” ”





CUSTOM

Designed LCD Panels and Modules

Satisfy Your SPECIFIC Needs



Applications

Industrial Applications, Testing Equipments and Energy Metering, etc.

Industrial Applications



Health Equipment



Energy Saving Products



Industrial UPS



Security Control Panel



Touch Screen Thermostat

Testing Equipments



Vibration/ Tachometer



Force Gauge



Sound Level Meter



Environment Meter

Energy Metering



Gas Meter



Electric Meter



In-Home-Display

Wearable Devices



Smart Health Device



Smart Watch

Embedded LCM Solution

We provide total solution for interactive interface devices by integrating LCD module, touch panel, MCU and PCB assembly, all in one. Such convenience allows a broad range of customer to build their own product with high flexibility and complexity.

•Features



•Enclosures



•Assembly



TOTAL SOLUTION
Customer's SPECIFIC NEEDS

LCD Display Module
Touch Panel

PCB
MCU

Assembly

•Communication





Standard LCD Modules
Standard LCD Panels
Custom Design
Demonstration

Hong Kong Headquarter:

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