

RAILWAY DISPLAY MONITORS

Thomas Electronics, is a Australia's largest display electronics support centre and provides repairs and replacements service.

- LCD monitor test and repair
- In Warranty monitor repairs
- Out of Warranty monitor repairs
- Through life support
- Replacement LCD panel parts
- Parts obsolescence management
- Replacement LCD monitor solutions

Railway Display Monitors

- Passenger train displays
- Freight train displays
- Rolling stock displays
- Driver information displays
- Control room displays
- Public information displays
- Level crossing monitor

LCD Monitor Repair Services

LCD Monitor Repairs

- LCD Monitor fails to operate
- LCD Monitor backlight fails
- LCD Monitor missing pixels, rows & columns
- LCD Monitor discolouration
- LCD Touch screen faulty

LCD Monitor Faultfinding

- Engineering Assessment of Monitors
- Faultfinding and troubleshooting
- Replacement parts sourcing
- Repairs and testing
- Final test and documentation control
- Repairs by qualified technicians
- Large repair turnaround capacity



LCD Panel Repair Services

LCD Driver TAB Repairs and Replacements

- TAB Bonding Repairs
- TAB Replacements
- Microscopic TAB alignment

Polarizer Removal and Replacement

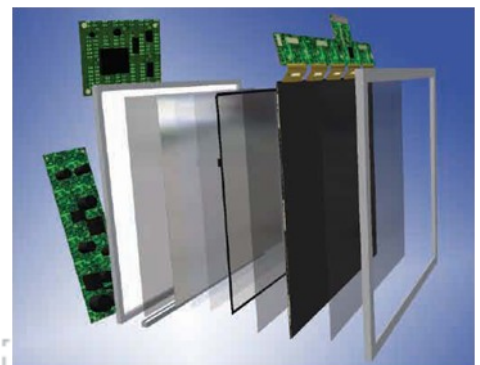
- LCD Polarizer Replacement
- Restore LCD panels to new condition

Backlight Replacement

- CCFL repair replacements
- CCFL inverter repairs or replacements
- LED back light repairs

LCD Panel Test

- Final testing



Driver Information Displays for On-Train Use

The safety of passengers and staff are top priority in the transport industry. These monitors have been designed for surveillance and security systems for on-train use. The displays meet rail standards and are vandal proof.

The monitors have also been specially designed to cope with the most demanding environments, with rugged housing and high quality electronic components, and are suitable for both the new-build and refit sectors.

Displays can be custom made depending on customer requirement. Various monitors for surveillance and security use - in-train, platform and station CCTV.

- Sizes ranging from 10.4" - 21.3"
- Railway EMC
- Railway shock & vibration
- 12V DC or to customer request
- AR glass / no glass
- Anti vandal proof
- Temperature -20C to +50C
- Sealing up to IP67



Test and Repair Facilities

- Fully equipped Engineering Design Laboratory
- Fabrication, Testing Final Inspection Workshop
- Class 3500 & 3.5 Clean Rooms
- ESD Controlled Workshops
- PCB soldering & assembly workstations
- Mechanical assembly workshops
- Secure warehousing

Quality Management System

- ISO 9001 approved.
- Repair Facility, subject to ongoing audits
- Continuous Improvement via LEAN, 5S and 6 Sigma

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