Touchscreen

AGDisplays Value Add Service

AGDISPLAYS
Advanced Display Solutions Specialist

Introduction

There are multiple touch technologies on the market: resistive, surface capacitive, projected capacitive, surface acoustic wave, and infrared. Without touchscreen technology, user speed and accuracy may be insufficient and confusing.

AGDisplays designs compatible solutions for existing LCD designs or we also provide a new unit that is touch compatible.

Many LCD panels are not equipped with a touch sensor. AGDisplays turns customer LCDs into touchscreens with the quick integration of a compatible touch sensor. We also perform repairs, replaces or enhances touchscreen technology.

When To Use This Service

- LCD designs that lack touchscreen functionality
- The need to promote increased user performance and accuracy
- The need to upgrade technology without having to replace whole unit

Prepare Details

- If for existing unit, LCD part number
- Application environment of unit
- Touch technology, if known.
- Touch to be used with gloved hands (Y/N)
- Printscreen border requirements
- Bonding method desired

Industries

- Avionics
- Financial
- Marine
- Marketing
- Medical
- Military
- Point of Sale
- Transportation

About Touchscreen

Why Touchscreen?

- Intuitive platform: mouse and keyboard are familiar to most, but touch screen comes intuitively to users even if they don't have a computer background
- Ease of use: touch screens are quick and responsive, allowing employees to juggle multiple tasks efficiently. Touch screen requires less concentration to use than the standard mouse/keyboard combo
- Speed: Mitsubishi Electronic Research Labs indicated up to a 20% reduction in response time for touch screen users vs. a traditional input method
- Size: reduce the overall size of machine by eliminating extra components

Customer Benefits

- Integrate touchscreen functionality into existing LCD without having to buy a whole unit
- Repair/replace touchscreen for cost savings
- Technical experts hand select touchscreen technology per design request to best suit customer needs
- Enhance optical clarity with integration of the touch sensor
- Wide range of touch sensor technology to accommodate specific customer application
- Increased durability of LCD unit
- Selection of most reliable technology on the market: resistive, projected capacitive, surface capacitive, SAW and IR