



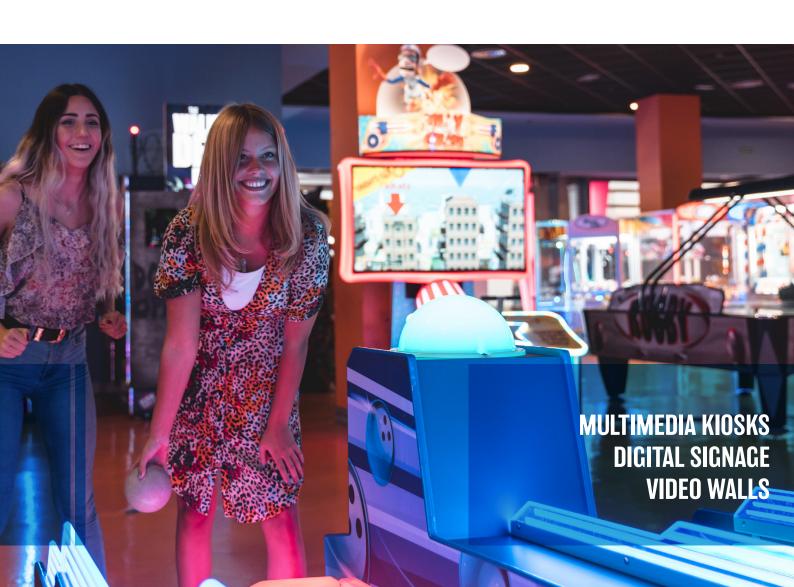
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ENTERTAINMENT SOLUTIONS



About Us

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For over a decade ACDisplays has been a leading provider of high quality LCD enhancement products and services for the industrial markets. We lead the way in offering an extensive range of custom panel solutions that improve standard display attributes while maximizing performance in any environment. The ACDisplays teams are experts in LCDs, from building simple or complex designs to integration work.

In our 124,000 sq. foot facility, we offer over 800 off the shelf products that include tablets, open and closed frame LCDs and much more. Our knowledge in innovative LCD technology and our high-quality control standards separate us from the rest. At AGDisplays, our teams have a true commitment to being your trusted partner.



OUR SERVICES

Off The Shelf LCD Products

NVIS Integration and Design

OCA, Optical & Bonding Services

Custom LED Integration & Design

Touch Screen Integration & Design

Custom Glass Supply Services

Turnkey & Design Services

EMI Shielding & Design

Film Enhancements & Repolarization
Certificated FAA Part 145 Repair Station
Component Assembly & Integration
LCD Controller, Cabling & Design
Testing/Certification of EOL Panels
Drop-in Replacement
Industrial Repair Program
Zero Dead Pixel Inspection

Industries Served

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MILITARY



HOTEL



MARINE



MARKETING

AVIONICS



MEDICAL



RESTAURANT



RETAIL



TRANSPORTATION



Entertainment

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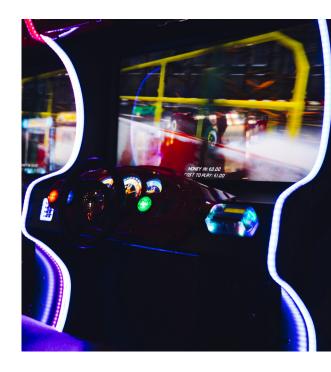
AGDisplays provides a wide range of indoor and outdoor LED display solutions to meet the need of any media/entertainment application.

We offer high-bright displays with a wide range of pixel pitches for vibrant and clear images. Our off the shelf video walls feature narrow bezels for a seamless and captivating performance.

Displays are available to be outfitted in custom enhancement solutions such as EMI protection, ruggedization, touchscreen integration and strengthened glass integration. All design solutions are dependent on individual applications and lead to a completely unique technical solution to fulfill customer requirements.

ACDisplays offers extended lifecycle warranties and inspection services for even more equipment protection. Quality control measures are performed on all designs leaving our facility.

Our team can help you acquire new, EOL or refurbished LCDs, and can customize virtually any panel to meet your specific requirements.



TABLETS

AGDisplays makes commercial off the shelf tablets easy to purchase with flexible spec options and easy purchasing.

DIGITAL SIGNAGE

Digital signage offers fast on-sight installation and easy access for maintenance & repairs.

TOUCH TABLES

Hold meetings and communicate business messages with superior and sensitive touch table technology.

MULTIMEDIA KIOSKS

ACDisplays offers a wide range of multimedia kiosks to effectively reach your customer.

EMI SHIELDING & DESIGN

Block electronic interference between LCDs & surrounding equipment with EMI solutions.

TURNKEY & DESIGN

Work with our team to create turnkey solutions on new or existing designs.

VIDEO WALLS

With narrow bezels for a seamless feel, users are captivated by the media displayed on our video walls.

SPECIALTY DISPLAYS

Bring interaction, creativity and technology together with 3D displays, all in ones and interactive whiteboards.

ZERO PIXEL INSPECTION

Zero pixel inspections and certificate of conformance documents for your LCD units.

List of Products

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RUCCED MOBILE

These devices meet military standards for shock & vibration, limited water submersion and dust ingression.



TABLETS

AGDisplays makes commercial off the shelf tablets easy to purchase with flexible spec options and easy purchasing.



TOUCH DISPLAYS

Our touch panels are eligible for performance upgrades like ruggedization, optical bonds and EMI protection.



LCD DISPLAYS

Our LCD design solutions maximize standard LCD performance in any environment.



MEDICAL DISPLAYS

Our LCDs support medical applications with long life cycles, high bright display readability and sharp contrast.



MARINE DISPLAYS

Marine displays can be IP rated and are designed specifically for use in all marine/boating applications.



DIGITAL SIGNAGE

Digital signage offers fast on-sight installation and easy access for maintenance & repairs.



PANEL MOUNT DISPLAYS

Panel mount displays are designed for industrial environments and can be outfitted to meet specific requirements.



TOUCH TABLES

Hold meetings and communicate business messages with superior and sensitive touch table technology.



MULTIMEDIA KIOSKS

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VIDEO WALLS

With narrow bezels for a seamless feel, users are captivated by the media displayed on our video walls.



EMI Shielding

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EMI film provides the "immunity" for electronic components that are susceptible to EMI (electromagnetic interference). Our solution options offer maximized optical performance and makes display/touch screen RFI compliant.

EMI film or mesh solutions integrate quick and easy, requiring no redesign and allowing for fast production. Our service installs new EMI shielding, or replaces existing EMI system. While our transparent film and mesh solutions are our most popular solutions, ACDisplays also offers other EMI options to meet your design requirements.

Transparent thin-film conductive coatings provide LCD technology with great optical and EMI shielding properties. Typically the frequency level ranges in 100 kHz - 20 GHz. Films may be offered with conductivity ranging from 1 to 100 Ω /sq.

Conductive grid mesh solutions provide panels with a high level of protection. A fine-conductive grid may be built of woven stainless-steel or copper mesh, or alternatively made with a patterned conductive metal coating on the substrate's surface.

EMI MESH SOLUTIONS

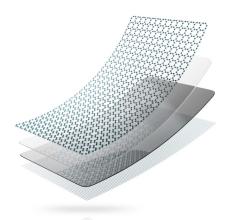
- Woven wire mesh
- Robust active enhancement, providing high level of protection
- Compatible for use with a touch sensor
- Photopic transmission at ≥85%
- Diffuse reflectance at 30° at ≤0.14%
- Specular reflectance at 30° at ≤1.2%
- ≤0.25 Ω/sq. surface resistance
- Shielding effectiveness:
 - 50 Mhz (megahertz): ~75 dB
 - 100 Mhz: ~65 dB

EMI FILM SOLUTIONS

- For panels needing low attenuation (10-20 dB)
- Cost effective solution, passive enhancement
- Compatible for use with a touch sensor
- High visible transmission with low electrical resistance:
 - 10 ohms/sq.
 - 20 ohms/sa.
- Reduces problematic EMI and/or IR emissions from surface
- Superior to ITO films at low resistance for transparency & mechanical properties

BENEFITS

- Passive Integration Solution
- Compatible with Touch Sensors
- High Visible Transmission
- Reduces EMI/IR Surface Emissions
- Superior to ITO Films
- Several Custom Design Options



Turnkey Design

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A turnkey LCD solution is a project built so that the end customer is sold a completed LCD product, ready for use. It is our specialty to take on the responsibility for designing and developing a product that is ready to be used upon completion.

We have a team of experts ready to take on any challenging turnkey LCD need you have. ACDisplays offers in-house assembly, testing and quality measures, packaging and drop ship capabilities. We are able to accommodate small and large volume production quantities.

LCD turnkey projects involve kitting LCD peripherals and components or just selling commercial off the shelf LCD products that are applicable across all industries.

BENEFITS

- Project administration and management control
- Subcontracting
- Focus on the total integrated system
- Considerable experience and skill in panel selection
- Development team that provides options based on budgets
- Quality functionality testing
- Inventoried spare parts
- Focus on procurement efficiency and flexibility
- Experience and expertise in all major industries, applications, and environments
- Quick reaction time, less opportunity for miscommunication
- Hassle-free design changes
- Cost targets high priority
- Adherence to all US industry standards and specifications
- Regular shipments to destinations around the world
- Comprehensive technician training and familiarity of quality improvement methods
- Complete factory testing prior to shipment
- In-house assembly, testing and quality measures, packaging and drop ship capabilities

Additional Expertise



LIFECYCLE SUPPORT

ACDisplays works together with your teams to support your product's life from the conception to disposal. Implement an organized product lifecycle management program may be a challenge for companies who run into design and engineering challenges. We centralize the creation and management of all data and technology to support you in a successful lifecycle management system. At the end of a product's lifecycle, we can provide EOL display and component alternatives to extend your product's lifespan.

DROP IN REPLACEMENT

ACDisplays offers a drop in replacement service for customers who need to replace an LCD or LCD component when their original part is EOL. This service is also for customers who are looking for a cost effective, suitable replacements/upgrades to their existing LCDs. ACDisplays offers availability of standard or custom high-quality LCDs of virtually all shapes and sizes.

By simply providing us with your panel part number, general specifications and any other upgrade requirements, we source these products for you or we can source an equivalent replacement. Using a replacement LCD does not compromise on quality and compatibility; we ensure functionality and performance are top priority.



ZERO PIXEL INSPECTION

Zero Pixel Inspection is for customers who have a zero fail pixel standard. Customers may send LCD panels from OEM directly to AGDisplays for inspection. We inspect for hot, stuck and dead pixels, as well as evaluate LCD quality standards. We confirm and document our findings for verification purposes.

ACDisplays uses a meticulous objective visual verification process to ensure your quality standards are met and that LCD pixel defects are not present in your products. We receive panels from the OEM before they reach the customer and we verify that your zero-pixel specifications are being met. If the panel fails OEM specification grade, we perform an exchange for panels that are standard or above standard for your industry.

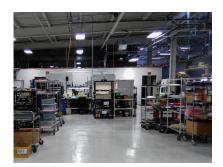
Thank You

COMMUNITY OF EXPERTS

Whether we are met with a new design or challenged with improving an existing design, ACDisplays supports your team by delivering unparalleled LCD expertise and technology. ACD partners benefit from our efficient design process and our dedication to creating quality design solutions.

We saw the need for off the shelf products, so we've added an expansive line of open/closed frame LCDs, digital signage, and all-inone products. We offer unique LCD products like advanced touchscreen tabletops, high quality medical displays and rugged mobile devices. All of which are eligible for value add integration services. Our products are used across many industries including Military, Avionics, Marine, Industrial, Medical, Transportation and many more.







CERTIFICATIONS

ACDisplays values high-quality working and design standards. We support your teams with the knowledge & expertise needed to make the strategic design and manufacturing decisions.









AGDISPLAYS IS ISO 14001, 45001 & R2 CERTIFIED

CONTACT US

HEADQUARTERS

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