

1. Product Name

■ Sign/Panel Support Systems

2. Manufacturer

Nova Display, Inc.
1626 Piner Road
Santa Rosa, CA 95403
Phone: 800-753-9688
Fax: 800-753-0856
E-mail: enquiries@novadisplay.com
Website: www.novadisplay.com

3. Product Description

Nova Display offers practical, yet elegant sign/panel mounting systems with an infinite variety of display and signage mounting options. Easy to install, versatile and sturdy, these sign/panel support systems use quality hardware components that are available in a variety of finishes.

Basic Use

Nova Display sign/panel support systems are ideal for mounting indoor or outdoor display panels, architectural signs, directional and informational signage, company directories, and other decorative applications. Quality decorative hardware, unique designs and configurations effectively communicate the message, product or service.

Well-designed and precision engineered, the system components allow for flexible design configurations. Modular functionality and versatility ensure signage and displays can be easily designed and built as well as updated. The Nova Display sign/panel support system is:

- Easy to transport
- Re-configurable
- Simple assembly
- Variety of finishes
- Practical
- Lightweight
- Versatile
- Functional
- Easy to update
- Sleek

It allows various types of materials to be affixed to a wide range of substrates, including wood, gypsum, concrete, glass, aluminum profiles, steel studs, etc. Flexibility allows customization and synchronization of the sign/panel support system's setting, color, material, finish and form to meet every requirement.



Frameless posters

Components

Fittings are made of high-grade aluminum, brass or stainless steel for durability and consist of precision-machined components—standoffs, edge grips, projecting supports, grippers and screw caps—to provide an integrated solution to any signage and panel display requirements, while maintaining a consistent look throughout the installation. Parts are offered in a variety of quality finishes: clear anodized, satin chrome, polished chrome, brushed nickel and stainless steel. Supports of any shape, height or diameter can be combined to create the desired effect such as multi-layering or double-depth designs.

Applications

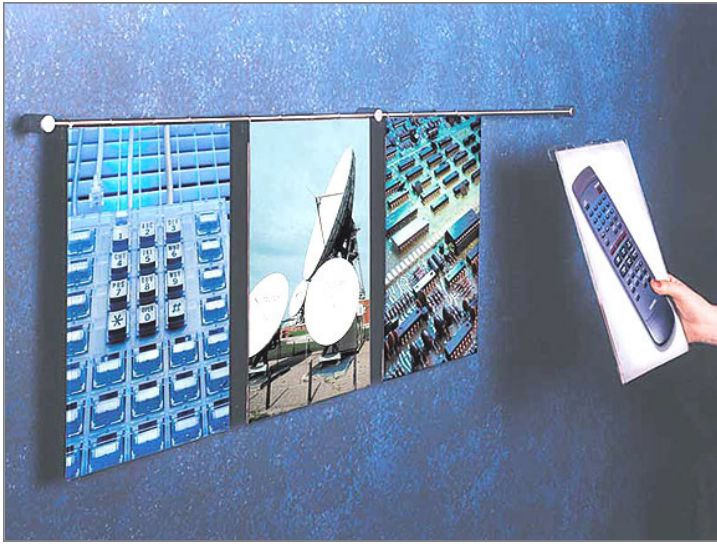
Nova Display's sign/panel support systems offer a wide range of applications, including:

Frameless Graphic Panels

Special frames are designed to display posters, prints, photos or fine art reproductions enclosed between two pieces of acrylic or glass. The wall-mounted panels use panel standoff supports, allowing the display to be easily changed. The aesthetic appeal can be enhanced by varying the thickness, shape and type of panels used. Standard clear acrylic, as well as non-glare (non-reflective), color, frosted or textured acrylic, are available upon request.

Double-Depth Poster Display Panels

These acrylic poster frames provide a double-depth feature; the wall-attached base supports a clear, frosted or textured acrylic panel as a background screen. The front supports a graphic



InfoPoster display wall-mounted on rods

print or photo sandwiched between two clear acrylic panels, allowing the graphic to be easily changed. With a modern look, these double-depth poster display panels are ideal for art prints, posters or photography.

Butted Graphic-Display Panels

This graphic display consists of multiple panels butted closely together using one central fitting instead of four. Panels are mounted to walls using supports with special four-way connectors, allowing multiple posters or graphic prints to be displayed as a single large mural, graphic composition or backdrop. Supports can hold up to $\frac{1}{4}$ inch thick panels or two pressed pieces of $\frac{1}{8}$ inch thick acrylic with a poster or graphic print mounted in between the panels.

Logo Panels and Plaques

These high quality interior signage, plaques and logo panels are manufactured in various sizes, shapes, finishes and textures to afford a variety of uses.

Wall-Mounted Signage

These unique high-impact sign and award systems can be used in almost any environment by combining quality fittings and custom substrates.

Wall-Mounted Projecting Signage

These practical informational and directional wall-projected signs mount on projecting standoffs from the wall or ceiling. Message panels can be easily removed and replaced for maintenance or changing requirements.

Raised Glass Countertops

These custom countertops use safety glass or acrylic resin mounted on vertical standoff supports.



Sign support system panels

Architectural Paneling

This system provides mounted decorative or light-diffusing paneling on walls and/or ceilings.

Furniture Assembly

This solution can be used in contemporary furniture assembly.

Projecting Decorative and Product Shelving

This solution uses mounting glass and wooden shelves on walls or inside cabinets or showcases.

Composition and Materials

Brass Fittings

- C3604/CZ121 (CuZn39Pb3) brass
- Standard matte nickel/chrome plating finish

Note: Also available with polished chrome, polished brass and brushed (warm) nickel plating.

Aluminum Fittings

- High-grade aluminum
- Standard clear satin anodized plating finish

Note: Other custom finishes such as black or color anodized are available upon request.

Steel Fittings

- #SS201 or #SS304 stainless steel
- Standard brushed satin finish

Note: Custom finishes such as high-gloss polished are available upon request.

Grub Screws for Fitting

- Mild steel: 12L14
- Plastic Tip on grub screw: Nylon 66



Sign support system graphics

Benefits

- Simplicity and practicality
- Easy to use
- Fully modular and customizable to specific needs
- Re-configurable, allowing expedited and versatile updates of display materials
- Extensive range of components and accessories ensure complete design flexibility and style
- Durable and long-lasting products

Product Limitations

Use for indoor and outdoor with exception of brass fittings. Follow the instructions and weight-bearing limitation highlighted in technical data sheets available [here](#).

Special Features

Frameless Poster Displays – Standard Kits

These frameless display panels are available in various sizes and configurations for use in artwork, poster and photo framing displays and presentations. Catalog information, technical specification and installations guides are available [here](#).

Accessories

A number of accessories to enhance the utility and options of any sign/panel support system are available, including:

Easy Access Acrylic Pockets

These single or double sided pockets are designed to accommodate various sized posters, photos, graphic art and documents. Available to suit any display requirement and customizable to meet any design variations.

Hook-on Acrylic Pockets

An alternative to traditional slat-wall systems, these pockets are designed to hook on horizontal rods, mounted on wall or suspended on cables. Easy to install; help create stylish interior displays for any type of information, but can be readily changed in minutes. All pockets hook onto rods without using any tools. Used on walls or windows in estate and recruitment agencies, offices, receptions, museums, etc.

Wall-Mounted Poster Frames

These frameless graphic panels are designed for displaying posters, prints, photos or fine art reproductions by pressing them between two pieces of acrylic or glass. The thickness, shape and

type of panels may vary depending on the desired effect. The panels are mounted to walls using panel supports (wall spacers). Available in standard clear acrylic back panel with a non-glare (non-reflective) front, or with color, frosted, printed backing, etc.

Acrylic Leaflet Dispensers

These prefabricated and custom fabricated leaflet dispensers come in many unique styles and sizes. Dispensers are manufactured from exceptional quality, clear, lightweight acrylic. Options include cable suspended, hooked-on horizontal



Projecting standoffs series



Stainless steel series



Edge grip standoffs series



Premium quality brass series



Aluminum series



Double depth supports

Nova Display, Inc.



Value aluminum series

rod, wall mounted on spacers, single, or multi-pocket leaflets versions. Available in standard design or customized version upon request.

Cable/Rod Suspended Showcase Displays

These displays are available with a locking mechanism for maximum security, or with an open front and back so that the reflection of the acrylic does not affect the displayed items. Each unit can be supplied with low voltage lights suspended from the cables, with the light beam directed through the open holes for maximum lighting effect. Custom built cases are available upon request.

Stock Glass and Acrylic Shelving

Standard clear tempered glass and acrylic shelving are available in most popular sizes and edge finishes at competitive prices. These glass and acrylic shelves are primarily used for cable/rod suspended shelving, product display cases, furniture, etc.

View all display kits and concept ideas from Nova Display [here](#).

Custom Services

Nova Display Systems has the capability and expertise to take any ideas or concept and then craft them into functional, well designed and environmentally friendly display products. Contemporary showcases, unique signs, or a sophisticated donor recognition wall display are a few of the applications possible. View more Nova Display custom services [here](#).

This capability to fabricate extends beyond the use of acrylics, glass, or modular aluminum profiles. Custom fabrication on a much smaller scale is also available for designing and fabricating individual metal components and fittings using aluminum, brass and copper alloys, stainless steel, etc.

Nova Display Systems provides personalized support and exceptional quality of fabrication. For customized display or sign products, client can send specifications and sketches using the downloadable quote form [here](#).

4. Technical Data

Applicable Standards

American Iron and Steel Institute (AISI)

- AISI 12L14 Carbon Steel (UNS G12144)

American National Standards Institute (ANSI)

- AL 6063/6063A Properties, Fabrication and Applications, Extruded Aluminum Alloy

American Society for Testing and Materials (ASTM)

- ASTM B16 Standard Specification for Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines (UNS C3600/3604)
- ASTM B124 Standard Specification for Copper and Copper Alloy Forging Rod, Bar and Shapes (UNS C37710)



Frameless graphics acrylic displays



Easy access acrylic wall-mounted frames



Wall-mounted frameless acrylic facility signage

Unified Numbering System (UNS) (alloy designation system)

- UNS C3600/3604 free-cutting brass
- UNS C37710 leaded brass/forging brass
- UNS G12144 carbon steel

Sustainment

Nova Display Systems' minimalist design simplifies and purifies the content to reveal the essential quality and functionality of the product; removing clutter with the minimal usage of materials.

All display systems are fabricated from non-ferrous recycling metals such as aluminum, stainless steel, brass, bronze and copper alloys. With close to 100 percent recyclable content, these metals can be repeatedly recycled back into similar or other products with no loss of quality, as reprocessing does not damage their molecular structure.

Fire Performance

Sign/panel support fittings are produced from aluminum, which has a melting point of over 1220 Degrees F, 660 C), brass CZ121, which has a melting point of over 1652 degrees F, (900 C) and stainless steel Grade 201 or 303, which has a melting point of 2552—2642 degrees F, (1400–1450 C); the plating materials of nickel and chromium have melting points of over 2552 degrees F, (1400 C), so none are considered a fire hazard.

Weight-Bearing Limitations

Recommended load-bearing per standoff diameter and material (per one fixing mounted on drywall):

Aluminum Supports/Wall Mounted Options:

- 15 mm ($\frac{5}{8}$ inch) diameter: 8 pounds (3.5 kgs)
- 20 mm ($\frac{3}{4}$ inch) diameter: 15 pounds (6.8 kgs)
- 25 mm (1 inch) diameter: 25 pounds (11 kgs)

Brass Supports/Wall Mounted Options:

- 12 mm ($\frac{1}{2}$ inch) diameter: 5 pounds (2 kgs)
- 15 mm ($\frac{5}{8}$ inch) diameter: 8 pounds (3.5 kgs)
- 20 mm ($\frac{3}{4}$ inch) diameter: 15 pounds (6.8 kgs)
- 25 mm (1 inch) diameter: 25 pounds (11 kgs)

Stainless Steel Supports/Wall Mounted Options:

- 12 mm ($\frac{1}{2}$ inch) diameter: 5 pounds (2 kgs)
- 15 mm ($\frac{5}{8}$ inch) diameter: 8 pounds (3.5 kgs)
- 20 mm ($\frac{3}{4}$ inch) diameter: 15 pounds (6.8 kgs)
- 25 mm (1 inch) diameter: 25 pounds (11 kgs)
- 30 mm ($1\frac{3}{16}$ inch) diameter: 25 pounds (11 kgs)

5. Installation Instructions

Preparatory

Additional blocking in the wall may be required for mounting heavier panels. For specific product installation instructions click [here](#).

Methods

For parts specifications such as sizes, stud and screw threads, panel hole diameter, panel thickness, mounting screw size, etc., click [here](#).

Important: Consult the appropriate installation guide for any of the items listed [here](#):

- Aluminum stand-offs
- Wall-mounted supports for signs
- Wall support system
- Through standoff supports and spacers
- Edge-grip and projecting supports
- Graphic holders
- Poster frames
- Display tracks and anchors
- Cable/rod suspended poster displays
- Wall-mounted poster displays

Precautions (Performance, Safety)

Always check the installation surface to ensure the substrate is strong enough to hold the weight of the panel. All installation must be done so with proper hardware and protective gear to ensure safety.

Weather/Ambient Considerations

- Brass and #SS201 stainless steel components are suggested for interior use only
- Aluminum and #SS304 stainless steel components can be used for indoor and outdoor
- For high-humidity and other special environments request #SS316 stainless steel items that can be made to order

Delivery, Storage and Handling

Most components are small and do not require any special packaging or handling.

6. Availability and Cost

Availability

Most of the standard components are stocked and delivered in 2–15 business days. Lead time on non-standard items, special item or customized product may vary from up to 10–12 weeks.

Cost

Pricing and specifications for most products can be found [here](#).

All prices are quoted in U.S. dollars. The listed prices are FOB Santa Rosa, California USA and do not include freight charges or any applicable taxes. All prices are subject to change without notice.

No deduction is allowed at settlement. Prices for certain government, corporate and institutional customers may be set forth in a bid or other written agreement between the parties.

If unsure what components need to be ordered, please fax or email Nova Display a short description or graphical attachment (i.e., a rough sketch or project layout).

7. Warranty

Nova Display Systems, Inc., manufactures hardware products from parts and components that are new or equivalent to new in accordance with industry-standard practices. Nova Display warrants that the hardware products it manufactures will be free from defects in materials and workmanship. The warranty term is one year beginning on the date of purchasing, or the date the merchandise is received by the customer.

This warranty does not cover damage due to external causes, including accident, abuse, misuse, failure to follow installation requirements and problems caused by use of parts and components not supplied by Nova Display. Any unauthorized opening of the merchandise enclosure(s) will void this warranty in its entirety as it pertains to that item.

Nova Display will replace products returned to Nova Display facility. To request warranty service, contact Nova Display within the warranty period. If warranty service is required, Nova Display will issue a Return Merchandise Authorization Number (RMA number). Ship the products back to Nova Display in their original or equivalent packaging, prepay shipping charges and insure the shipment or accept the risk of loss or damage during shipment.

Nova Display will ship the repaired or replacement products back, freight prepaid, if the address is in the U.S. Shipments to other locations will be made freight collect. Nova Display may, but is not required to, ship replacement components

prior to receiving the returned merchandise. If so and if the return merchandise is not received in good condition (less the repair issue for which the RMA was issued) the customer will be responsible for paying the full list price of the merchandise that was sent as a replacement.

Nova Display owns all replaced parts. Nova Display uses new and reconditioned parts made by various manufacturers in performing warranty repairs and building replacement products. If Nova Display repairs or replaces a product, its warranty term is not extended.

This warranty gives customers specific legal rights and they may also have other rights, which vary from state to state (or jurisdiction to jurisdiction). Nova Display's responsibility for malfunctions and defects in hardware is limited to repair and replacement as set forth in this warranty statement. Suitability and fitness for a particular purpose are expressly disclaimed.

All express and implied warranties for the product, including but not limited to any implied warranties of and conditions of merchantability, are limited in duration to the warranty period set forth above and no warranties, whether express or implied, will apply after such period. Some states (or jurisdictions) do not. Allow limitations on how long an implied warranty lasts, so the above limitation may not apply.

A downloadable .pdf file of warranty policies is [here](#).

8. Maintenance Instructions

Does not require servicing. Download installation instructions [here](#).

Inspect cables and fittings regularly for visible damage, wear, elongation, kinking, crushing, corrosion, etc. No product can keep operating at its rated capacity indefinitely. Periodic inspections help determine when to replace a cable to eliminate extensive damage or reduce hazards.

9. Technical Services

Design Services/Creative Design and Project Development

Nova Display Systems, Inc., specializes in design, planning and project management. It assists in specifying any part of the project and helps develop the client's idea from prototype to production.

Nova Display works with a highly specialized team of interior designers, decorators, contractors and other service providers who have the training and expertise to manage all project details.

Contact Nova Display's in-house design team or request information about its Preferred Design Partner Program of certified architects and design companies nearby.

For more information, please contact Nova Display's main office or click [here](#).

Installation Services

For installation assistance, click Installation Instructions for most Nova Display systems or individual components. Installation services are also available through Nova Display's Preferred Installer Program of certified contractors located nearby. Contact Nova Display Systems, Inc., for any questions not available through these resources.

10. Filing Systems

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- Additional product information is available from Nova Display Systems, Inc., upon request ↪