

### GLASS BRIDGE DISPLAYS®

THE ENVY OF THE MARITIME DISPLAY INDUSTRY

#### PRODUCT FEATURES

- Smallest Chassis Size - Larger displays into smaller places
- Multi Display Dimming- Up to 10 Displays from one keypad
- Multiple Inputs - DVI, VGA, NTSC, Component- HDTV Ready
- Dim to Red - at any level in all source inputs
- Sunlight Readable - Ready for all environments
- Waterproof - Built to Stringent IP67 Standards
- Bonded Glass - Optically Enhanced for clarity
- Deep Dimming - 0 to 100% via + and - buttons
- Superior Image - Scalable resolution up to SXGA
- LED Backlighting - Reduces Power draw at all levels
- Extended Temperature Range - On 12" and 15" Models
- Enhanced Picture In Picture - Designed to display ALL Inputs

#### DEDICATED MARINE DISPLAYS

Nauticomp's front runner - the Glass Bridge Display® continue to lead the marine display industry with the smallest chassis frame, most standard inputs, and most of all, brightness and dimming. Each multi functional Glass Bridge Display® has 10 source inputs. Each and every function is easily controlled through our external GB Commander keypad. The user can easily select inputs manually or set the controller for auto selection. The operator can control brightness levels, and our famous dim to red feature on up to ten displays at once through each keypad at any station. Another unique feature is the ability to view any source in the PIP window and our unique "Alpha Blend" feature allows the user to adjust the transparency of the picture in picture window into the main screen image. Newly updated with our highly efficient LED backlight technology, the 12", 15", and 19" models are available in both Daylight for Pilothouse, and Sunlight for your Bridge stations. Our industry leading 21.3" Glass Bridge Display®, remains the "cream of the crop" for the most prestigious Pilothouse and Bridge applications. A 3 Year Limited Parts and Labor Warranty shows Nauticomp's continued commitment to service and product quality.

[www.nauticomp.com](http://www.nauticomp.com)

### GLASS BRIDGE Display®



+ Compatible with NINA Processor





+ Compatible with  
NINA Processor



+ Available with  
\* Touch Screen Technology



+ Each unit includes  
GB Commander

Specifications	12" Daylight	15" Daylight	19" Daylight	21.3" Daylight	12" Sunlight	15" Sunlight	19" Sunlight	21.3" Sunlight
Order Part#	21-1210	21-1510	21-1910	21-2110	22-1210	22-1510	22-1910	22-2110
Backlight Brightness	750 cd/m2 (nits)	750 cd/m2 (nits)	750 cd/m2 (nits)	400 cd/m2 (nits)	1600 cd/m2 (nits)	1600 cd/m2 (nits)	1100 cd/m2 (nits)	800 cd/m2 (nits)
Backlight (full power)	Approx. 50,000 hrs.	Approx. 50,000 hrs.	Approx. 50,000 hrs.	Approx. 50,000 hrs.	Approx. 50,000 hrs.	Approx. 50,000 hrs.	Approx. 50,000 hrs.	Approx. 25,000 hrs.
Dimming Circuit	Full On to 0.5 nits (approx.) w/Red	Full On to 0.5 nits (approx.) w/Red	Full On to 0.5 nits (approx.) w/Red	Full On to 2 nits (approx.) w/Red	Full On to 0.5 nits (approx.) w/Red	Full On to 0.5 nits (approx.) w/Red	Full On to 0.5 nits (approx.) w/Red	Full On to 2 nits (approx.) w/Red
Menu Controls	GB Commander Keypad	GB Commander Keypad	GB Commander Keypad	GB Commander Keypad	GB Commander Keypad	GB Commander Keypad	GB Commander Keypad	GB Commander Keypad
Glass Enhancement	Antiglare Bonded Glass	Antiglare Bonded Glass	Antiglare Bonded Glass	Antiglare Bonded Glass	Antiglare Bonded Glass	Antiglare Bonded Glass	Antiglare Bonded Glass	Antiglare Bonded Glass
Display Size	12.1" Diagonal	15.0" Diagonal	19.0" Diagonal	21.3" Diagonal	12.1" Diagonal	15.0" Diagonal	19.0" Diagonal	21.3" Diagonal
Display Type	Enhanced TFT LCD	Enhanced TFT LCD	Enhanced TFT LCD	Enhanced TFT LCD	Enhanced TFT LCD	Enhanced TFT LCD	Enhanced TFT LCD	Enhanced TFT LCD
Exterior Dimensions (inches)	11 5/8"W x 9 3/16"H x 3 15/16"D	13 29/32"W x 10 29/32"H x 3 29/32"D	16 3/4"W x 13 13/16"H x 4 3/32"D	19 1/8"W x 14 29/32"H x 4 1/4"D	11 5/8"W x 9 3/16"H x 3 15/16"D	13 29/32"W x 10 29/32"H x 3 29/32"D	16 3/4"W x 13 13/16"H x 4 3/32"D	19 1/8"W x 14 29/32"H x 4 1/4"D
Exterior Dimensions (mm)	295.28 W x 233.36 H x 100.01 D	353.22 W x 277.02 H x 99.22 D	425.45 W x 350.84 H x 103.98 D	485.78 W x 378.62 H x 107.95 D	295.28 W x 233.36 H x 100.01 D	353.22 W x 277.02 H x 99.22 D	425.45 W x 350.84 H x 103.98 D	485.78 W x 378.62 H x 107.95 D
Operating Temperature F Operating Temperature C	-4 to 158 F -20 to 70 ° C	-4 to 158 F -20 to 70 ° C	32 to 131 F 0 to 55 ° C	32 to 131 F 0 to 55 ° C	-4 to 158 F -20 to 70 ° C	-4 to 158 F -20 to 70 ° C	32 to 131 F 0 to 55 ° C	32 to 131 F 0 to 55 ° C
Panel Cut-out Size (inches)	11 19/64"W x 8 57/64"H	13 9/16"W x 10 19/32"H	16 1/2"W x 13 15/32"H	18 25/32"W x 14 19/32"H	11 19/64"W x 8 57/64"H	13 9/16"W x 10 19/32"H	16 1/2"W x 13 15/32"H	18 25/32"W x 14 19/32"H
Panel Cut-out Size (mm)	286.94W x 225.82H	344.49W x 269.08H	419.10W x 342.11H	477.04W x 370.68H	286.94W x 225.82H	344.49W x 269.08H	419.10W x 342.11H	477.04W x 370.68H
Display Actual Weight	6.5 lbs. (2.9 kg.)	9.1 lbs. (4.2 kg.)	14.5 lbs. (6.6 kg.)	19.3 lbs. (8.8 kg.)	6.5 lbs. (2.9 kg.)	9.1 lbs. (4.2 kg.)	14.5 lbs. (6.6 kg.)	19.3 lbs. (8.8 kg.)
Display Input Voltage	12.1V @ 1.25A (15W)	12.1V @ 1.5A (18W)	12.1V @ 5.0A (61W)	12.1V @ 4.2A (53W)	12.1V @ 2.2A (27W)	12.1V @ 2.6A (31W)	12.1V @ 5.0A (61W)	12.1V @ 5.25A (66W)
Native Resolution	1024 x 768 / XGA	1024 x 768 / XGA	1280 x 1024 / SXGA	1280 x 1024 / SXGA	1024 x 768 / XGA	1024 x 768 / XGA	1280 x 1024 / SXGA	1280 x 1024 / SXGA
Display Inputs	2 x Analog RGB 2 x DVI-D 1 x Component Video (HDTV Ready) 3 x Composite Video 2 x S-Video	2 x Analog RGB 2 x DVI-D 1 x Component Video (HDTV Ready) 3 x Composite Video 2 x S-Video	2 x Analog RGB 2 x DVI-D 1 x Component Video (HDTV Ready) 3 x Composite Video 2 x S-Video	2 x Analog RGB 2 x DVI-D 1 x Component Video (HDTV Ready) 3 x Composite Video 2 x S-Video	2 x Analog RGB 2 x DVI-D 1 x Component Video (HDTV Ready) 3 x Composite Video 2 x S-Video	2 x Analog RGB 2 x DVI-D 1 x Component Video (HDTV Ready) 3 x Composite Video 2 x S-Video	2 x Analog RGB 2 x DVI-D 1 x Component Video (HDTV Ready) 3 x Composite Video 2 x S-Video	2 x Analog RGB 2 x DVI-D 1 x Component Video (HDTV Ready) 3 x Composite Video 2 x S-Video
Marine Compliance	NEMA 6 / IP67	NEMA 6 / IP67	NEMA 6 / IP67	NEMA 6 / IP67	NEMA 6 / IP67	NEMA 6 / IP67	NEMA 6 / IP67	NEMA 6 / IP67
Power Options	AC or DC	AC or DC	AC or DC	AC or DC	AC or DC	AC or DC	AC or DC	AC or DC
Mounting Style	Flush	Flush	Flush	Flush	Flush	Flush	Flush	Flush
Chassis Enclosure	Preformed Aluminum	Preformed Aluminum	Preformed Aluminum	Preformed Aluminum	Preformed Aluminum	Preformed Aluminum	Preformed Aluminum	Preformed Aluminum
Chassis Finish	Black Powder Coated	Black Powder Coated	Black Powder Coated	Black Powder Coated	Black Powder Coated	Black Powder Coated	Black Powder Coated	Black Powder Coated
Limited Warranty	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year

Specifications subject to change without notice - \*Touch screen option available on 15" and 19" models only