



NAV Light Monitor NV 2000



Actual Size = 120 x 80 x 19mm



NAV Light Monitor NV 2000

Monitor up to 32 NAV lights from one location.

The **NV-2000 alarm monitor** provides an intelligent networked solution for the monitoring up to 32 different NAV lights. The diagram (right) shows a typical system layout. The system consists of the NV-2000 display controller (as seen above) up to 4 NV-100 units and any number of NR-800 repeater displays.

Communication is via a 2-wire network cable with a maximum cable length of 1000 meters.

NV 2000 DISPLAY CONTROLLER: Is the master display unit.

- Visual & audible alarm for any faulty light.
- Every circuit monitored for faults (bulb failure, power failure & wire break).
- Twilight monitor.
- Will detect currents as low as one LED.
- All alarms are name programmable e.g. (Port) (Anchor) (NUC 1).

NV-100 : Input/output module.

- Eight outputs.
- Remote mounted twilight sensor input to provide 'No Lights On' warning.
- One relay output = 3 amp inductive:closes on any fault.

NR-800 :

The NR-800 Repeater Display is an optional extra and may be connected anywhere on the vessel for convenient monitoring .

SYSTEM OVERVIEW

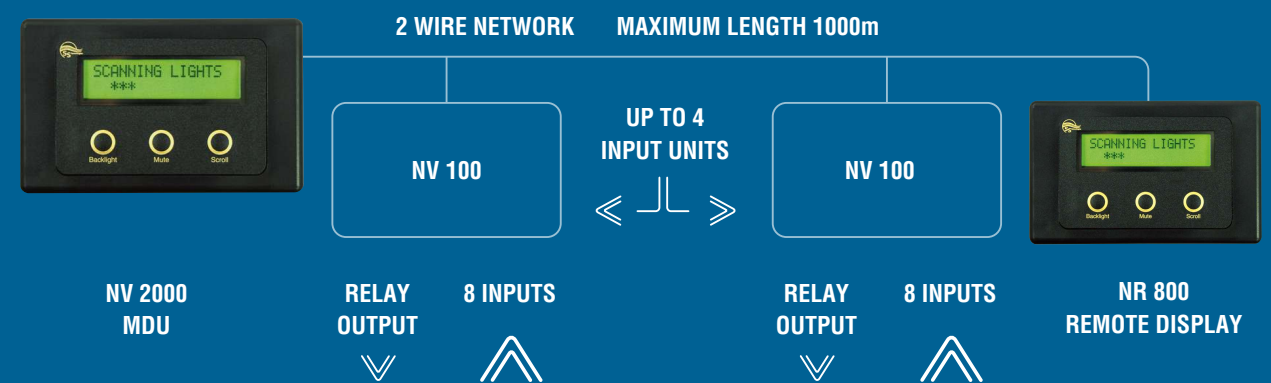
The NV-2000 Alarm Monitor has been developed to allow monitoring of up to 32 different lights. It is a network system consisting of the NV-2000 Master Display Unit up to 4 NV-100 Units located any where on the vessel.

In addition, and as an option, the NR-800 Remote Display Units may be added to provide fault status anywhere on the vessel.

All devices are inter-connected by a 2-wire network cable similar to that used for telephone installations. The Master Display Unit (MDU) controls communication with all attached Input Units. System components may be located anywhere on the network cable which may be up to 1000 meters in length.

Builders and retrofitters can now offer reasonably priced systems, while providing boat owners with outstanding visibility into any navigational light failure.

These features, unique to the NV-2000, provide maximum flexibility in locating components on-board the vessel while minimizing wiring costs.



Supply Voltage: 12 ~ 32 Volts DC (Auto sensing) | Quiescent Current: 12 Milliamps (with backlight off)
Backlight Reverse polarity protected | Network cable length=1000m | Voltage & EMI Protected

ORDER INFORMATION

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|-----------------|-----------------------------|
| PART NUMBER: | PRODUCT DESCRIPTION: |
| 4720113 NV-2000 | EIGHT-CHANNEL ALARM DISPLAY |
| 4720015 NV-100 | ALARM INPUT CONTROL MODULE |
| 4720016 NR-800 | REMOTE DISPLAY |

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.