

NAV Light Monitor
NV 8000



Actual Size = 126 x 116 x 21mm



NAV Light Monitor **NV 8000**

Monitor/Control up to 16 NAV lights from one location

The **NV-8000 nav light monitor** provides an intelligent networked solution for monitoring & controlling up to 16 different NAV lights. The diagram (right) shows a typical system layout. The system consists of the NV-8000 display controller (as seen above) and up to 2 NV-100 units and one optional NR-800 repeater display which communicate via a 2-wire network cable with a maximum cable length of 1000 meters.

NV- 8000 DISPLAY CONTROLLER: Master display unit.

- Visual & audible alarm for any faulty light.
- Every circuit monitored for faults (bulb failure, power failure & wire break).
- Control to turn lights on and off.
- 6 programmable groups.
- Join any light to any group (all lights will activate when the group is selected).
- Twilight sensor input.
- Auto anchor light (based on twilight sensor).
- Will detect currents as low as one LED.
- All alarms are name programmable e.g. (Port) (Anchor) (NUC 1).

NV-100 : Input/output module.

- Night 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-8000 Alarm Monitor has been developed to allow monitoring and control of up to 16 different lights. It is a network system consisting of the NV-8000 Master Display Unit and up to 2 NV-100 Units located anywhere on the vessel.

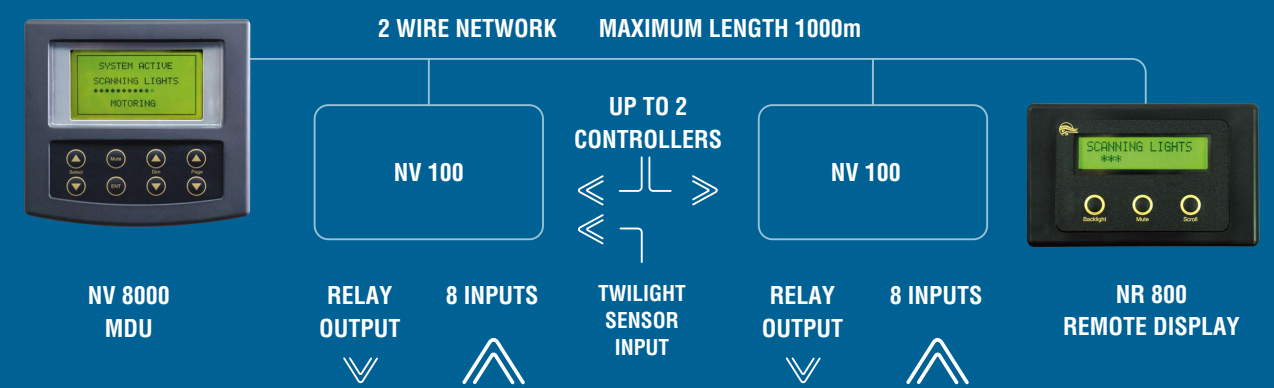
In addition, as an option the NR-800 Remote Display units can be added to provide fault status anywhere on the vessel.

All devices are interconnected 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 and the cable 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-8000, provide maximum flexibility in locating components on-board the vessel while minimizing wiring costs.



ORDER INFORMATION

PART NUMBER:	PRODUCT DESCRIPTION:
4720013 NV-8000	MASTER DISPLAY UNIT
4720015 NV-100	LIGHT CONTROL MODULE
4720016 NR-800	REMOTE DISPLAY

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Supply Voltage: 12 ~ 32 Volts DC (Auto sensing) | Quiescent Current: 26 Milliamps (with backlight off) | Backlight Reverse polarity protected | Network cable length=1000m Voltage & EMI Protected