



8 Channel Bilge controller BC 8000



Actual Size = 126 x 116 x 21mm

Monitor/Control up to 8 bilges from one location.

The **BC-8000 Controller** provides an intelligent networked solution for the monitoring and control of up to eight bilge areas. The diagram (right) shows a typical system layout. The system consists of the BC-8000 display controller (as seen above) up to eight BC-100 or BC-100/P controllers and one (optional) RB-800 repeater displays. The system communicates via a 2-wire network cable with a maximum cable length of 1000 meters.

BC- 8000 DISPLAY CONTROLLER: Is a powerful bilge control system.

- Full control from one central location on your boat.
- Delay pump on and off time (programmable).
- Pump on alarm time (programmable).
- Visual status display for each bilge area showing pump status, low sensor status, last pump run time, number of pump runs, program & operate modes.
- Turn bilge pumps on/off manually or automatically
- Visual & audible alarm for any fault conditions eg, high water, low sensor fault, pump fault, time alarm.
- Two master modes of operation automatic or semi-automatic.
- Individual modes auto or manual.
- All bilge areas are name programmable giving location e.g. (Aft Port) (Engine Room) (Mid Ship Starboard).

BC-100 or BC-100/P I/O UNIT: Are controllers which manage the pump, relay, and high/low sensors.

- Automatically goes into stand alone mode if communication with the BC-8000 is lost giving normal operation if either the hi or low sensors turn on.
- Controls the pump and provides the input for the hi & low sensors.
- Pump output = 88 amps @ 12 vdc.
- Operates with any standard float switch or Smartswitch FS-2A.
- Alarm relay = 3 amp inductive.
- Supplied in two different models:
 - HT-100/P features hi & low sensors, alarm relay, and pump output
 - HT-100 features hi & low sensors and alarm relay

RD 800: This Remote Display is an optional extra and may be connected anywhere on the vessel for convenient monitoring.

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
Programmed Data Retention: 50 years (without power)



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SYSTEM OVERVIEW

The **BC-8000 Bilge Controller** has been developed for intelligent intervention and controlling pumps in up to 8 bilge areas.

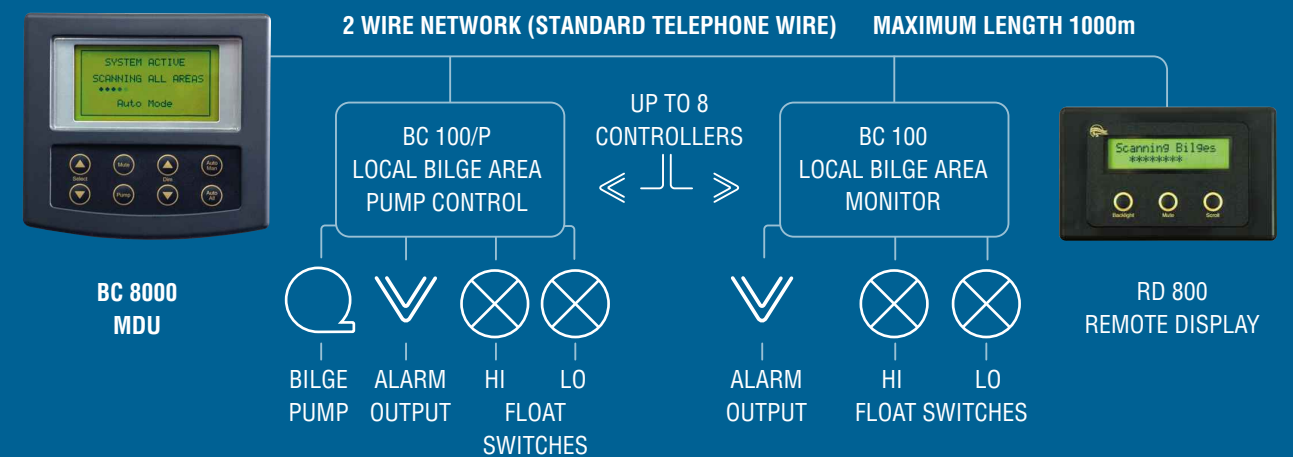
It is a network system consisting of the BC-8000 Master Display Unit and up to eight I/O Units located in bilge compartments. In addition as an option, the RB-800 Remote Display Unit may be added to provide remote bilge status anywhere on the vessel.

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 I/O Units and provides monitoring of all bilge areas from a central location. System components may be located anywhere on the network cable and the cable may be up to 1000 meters in length.

These features are unique to the BC-8000. They provide maximum flexibility to locate components on-board the vessel while minimising wiring costs.

Builders and retrofitters can now offer reasonably priced systems, while providing boat owners with outstanding visibility into conditions in their bilge areas, allowing a variety of control options under both normal and off-normal conditions.



ORDER INFORMATION

PART NUMBER:	PRODUCT DESCRIPTION:
4720036 BC-8000	EIGHT-CHANNEL BILGE CONTROLLER
4720037 BC-100	BILGE CONTROL MODULE (NO PUMP OUT)
4720038 BC-100/P	BILGE CONTROL MODULE (PUMP OUT)
4720039 RB-800	REMOTE DISPLAY

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

ACCESSORIES

4720022 FS2A	WATER SENSOR
4720096 IF-100	NETWORK INTERFACE MODULE



NETWORK INTERFACE



WATER SENSOR