

AM-100 User Manual:



AUTO:

Press AUTO to place the bilge in Automatic Mode, if the low float switch turns ON the bilge pump and the PUMP LED will also turn on, (you will also hear two short beeps). When the float switch turns OFF, the pump and the PUMP LED will also turn OFF.

OFF:

Press OFF to turn the bilge area off.

MANUAL:

Press MANUAL/PUMP to turn the bilge pump ON, the pump will stay ON until placed in either the OFF or AUTO mode.

NOTE: In any of these Modes, if there is a high float fitted, and it turns on, the audible alarm will sound and the LED will flash to warn you there is water in the bilge.

ALARMS:

The system has two alarms.

Alarm 1 is the high water alarm. If there is a high float fitted, and it turns on, the audible alarm will sound and the LED will flash. The audible alarm and the LED will have the pattern, Beep Beep Beep Beep Beep. Etc...

Alarm 2 is the pump run time alarm. If the bilge pump has been ON for more than one minute, the audible alarm will sound and the LED will flash. The audible alarm and the LED will have the pattern, Beep Beep Beep, pause, Beep Beep Beep. Etc...

Pressing the ALARM / MUTE key will mute the audible alarm but the LED will stay flashing until the fault has gone.

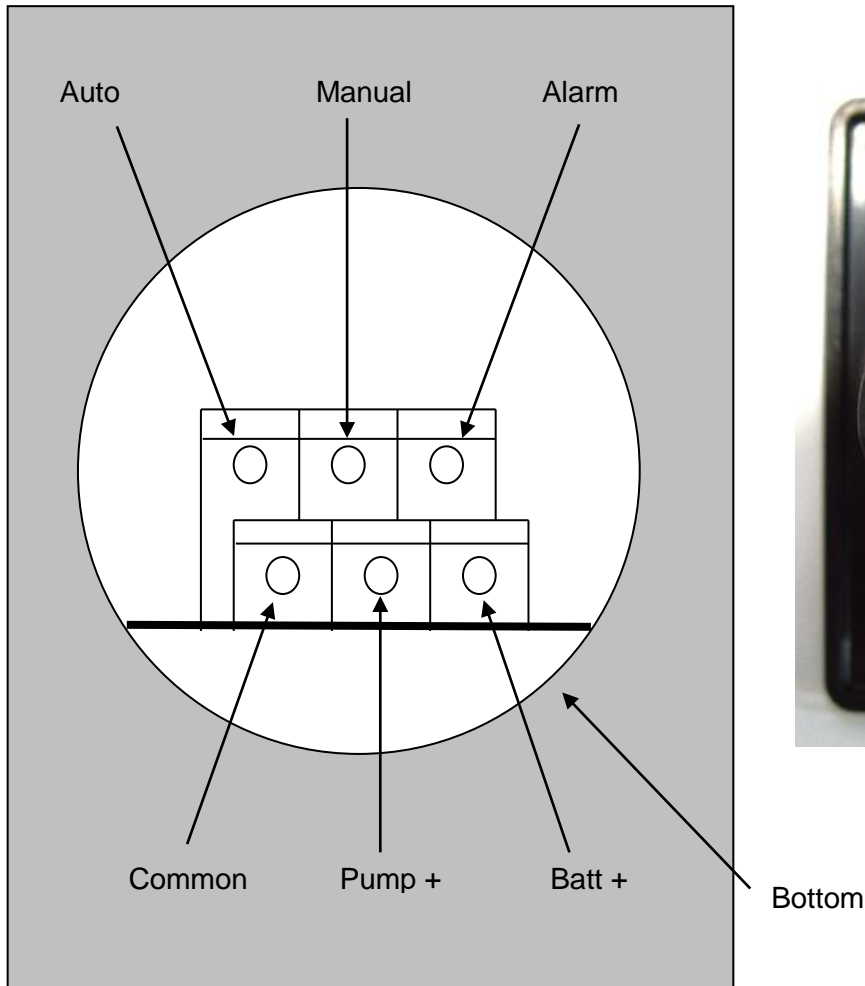
The alarm has a repeating feature, which will cause the audible alarm to turn back on after 2 minutes.

This feature can be turned off by touching the ALARM / MUTE key for 5 seconds, two short beeps will indicate this has been done. You can turn this on again by repeating.

A label sheet has been supplied with 32 different bilge area "Names" remove the appropriate label and place in the center top area of the unit giving a .5mm border around the label. .

Wiring Connections:

Back View



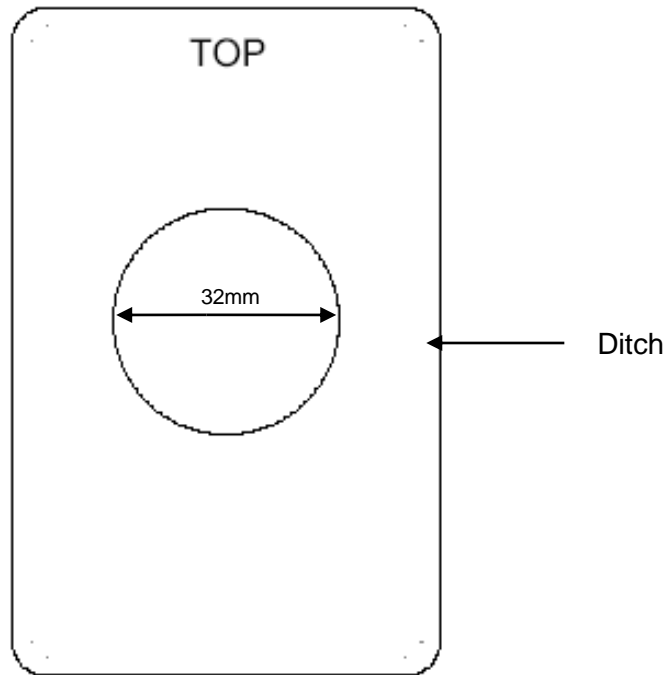
BSW-1000 Terminal Designation	Connection	AM-100 Terminals per above	Definition
Pump	■	Pump +	Pump + (and to "Pump Run" Light on AM-100)
GND			Pump -
GND			Battery -
Batt +	■	Batt +	Battery +
Manual	■	Manual	Manual Signal from AM-100 to BSW-1000
Common	■	Common	Gnd from AM-100 to BSW-1000
Auto	■	Auto	Auto Signal from AM-100 to BSW-1000
High / F			High Float Switch Input
F / Com			Common Float Switch Connection
Low / F			Low Float Switch Input
Alarm	■	Alarm	Alarm Signal from BSW-1000 to AM-100 or (to ** Alarm)

Mounting:

Drill a 32mm hole, remove the film from one side of the gasket and place on the AM-100.
NOTE: direction (top/bottom) remove the film from the other side place the unit in the hole, press firmly down.

A bead of silcon can also be placed in the ditch on the back side.

Mounting Template



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Wiring Diagram

IMPORTANT: The BSW-1000 is delivered with a jumper between "Auto" and "Common". When fitted with A/M Switch you MUST remove this jumper for proper operation

