

Mains Powered Remote Controller for FAB Dock

This is an Incept development for the automation of FAB Docks.

The controller over-rides the FAB Dock manual operation which requires connections and disconnections to the boat 12v system and the handling of an inflator which requires connection to the dock inflation point each time the boat enters or leaves the dock. The inflator is a high output unit permanently connected and alternatively deflates for rapid gate operation.

Entirely automated, operation is by radio remote. The controller speeds up gate operation, and enables the gate to be closed after leaving the dock and opened on approach.



Specifications:

- 2 / 4-button radio remotes - with buttons each for
 - Gate Up
 - Gate Down
 - Pumps On/Off, and
 - Stop all operations
- Typical gate inflation - deflation time 30s - 90s (depends on size of dock)
- 433 MHz Radio Remote Range typ 100m (line-of-sight)
- Box-top beacon flashes acknowledgement of commands
- Monitors and maintains dock inflation
- 4-channel bilge pump controller (powers up to 4 Albin 1750 gph pumps)
- Monitors bilge pumps and pumps out any water present (rainfall etc)
- Does not need to be disconnected from dock in normal service
- 15m 230v supply flex with 16A marina plug and optional wired receptacle outlet

- 230v supply, 6A, 1200W
- 28 kPa inflator - deflator, 2300 L/min
- 12V 1000W power supply for bilge pumps
- checks for, acts on, and reports
 - water leaks (hole in floor)
 - various abnormal conditions in any of the pumps
 - over temperature conditions
 - operations running over time
 - mains power interruption
- Lockable, marine-grade aluminium dry-box 500 x 350 x 300 mm
- Modular construction enables easy servicing and upgrades
- Additional radio remote key-fobs available
- Warranty 12 months and free software upgrades for 36 months
- Optional external mains-power receptacle for powering your boat ancillaries



Price incl gst	NZ\$ 3,000.00
Pass-through outlet (NZ)	+ \$ 200.00
115V version	+ \$ 250.00