

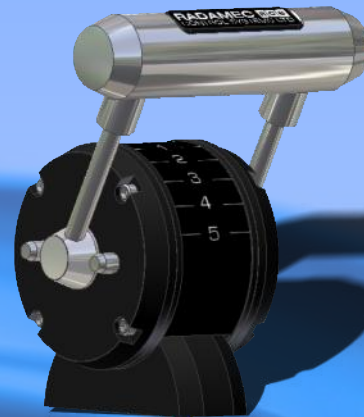
## PROPULSION CONTROL SYSTEM

The Kinetik Light is a new compact control system designed to simplify and enhance the remote control of the propulsion machinery thus contributing to the safer operation of the vessel. This propulsion control system gives you precise smooth control over your engine and gearbox. Kinetik Light is suitable for use on vessels having single engine propulsion units requiring a single control station.



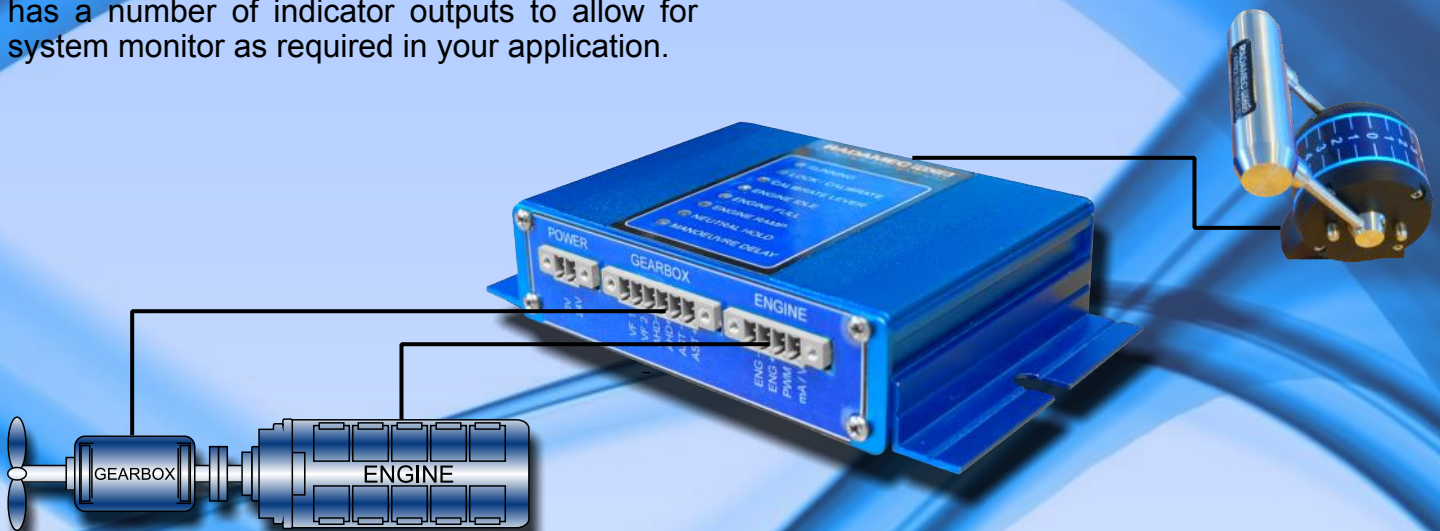
**Engine room Controller Box**

The system consists of a Kinetik Light Controller Box that provides the interface from the control station to the engine, gearbox and a control head. The system requires a pushbutton and has a number of indicator outputs to allow for system monitor as required in your application.



**Bridge control head**

Radamec can supply control panels or we can supply our waterproof IP68 compact control head for mounting on to your bespoke bridge console.



The system is the result of more than 30 years experience in propulsion control, and key elements including the control head are derived from our Commander system used by the RNLI. The systems safety features not only protect from extreme operations but also reduce wear and tear on the engine and gearbox. Contact us now for a quotation for your vessel and enjoy the many benefits of electronic control for yourself.

## We support you

When our customers experience challenges we are always ready to help, while our systems are very dependable we know things do go wrong. If called upon, we pride ourselves on our high level of customer support on a worldwide basis. Our systems are designed, assembled and configured in house so full engineering support is only a phone call away.

## Lifetime partnership

Radamec have supplied engine control systems to the RNLI for many years and are proud to supply propulsion control systems for their Tamar class life boats, so you can be assured of a quality system from a quality company. Radamec Control Systems Ltd is an ISO 9001:2008 certified company and our marine associations go back over 70 years.

## Our experience

Radamec has been extensively involved in upgrades and refit work covering Alarm and Monitoring Systems and Propulsion Controls for yachts, commercial, naval and Coastguard vessels. Radamec specialise in carrying out this class of work in both home and export markets, and can upgrade Bridge and MCR installations to state of the art. Recent upgrades include Alarm and Monitoring System and Propulsion Control Systems for the Malaysian Coastguard, and working with the MOD on the retrofit of Telegraph Systems for HMS Ocean. These installations have extended the life of these vessels for many more years.

## Kinetik Light specifications

Dimensions in millimeters	Length	Width	Height
	141	89	30

Characteristic	Units	Min	Nom	Max
Supply Voltage	V	9.5	24	30
Output Voltage	V	0	23.5	29.5
Isolated Engine Voltage	V	0	N/A	Vsupply
Non-isolated Output Engine Voltage	V	0	N/A	5
Output current:				
Indicators	A	0	0.5	1
Clutch Relays	A	0.1	1	2
Engine Throttle (Voltage)	mA	0.1	2	20
Engine Throttle (PWM)	mA	0.1	1	5
Engine Throttle (4-20mA)	mA	3.5	-	20.5