6505 | ELECTRONIC PROPULSION CONTROL HEAD

ABS

Lloyd's Register

Putting you in control.

Manufactured for the marine environment, Kobelt's compact 6505 electronic control is the rugged solution for any vessel requiring multi-station, multi-function, twin engine control. The control head integrates the clutch and throttle control into one lever. The Kobelt 6505 also features a membrane keypad to permit operator control of station transfer, throttle-override, engine synchronization and more. With a wide array of options to choose from, Kobelt has the product to meet your propulsion control needs.

Specifications

Handle Travel:		
• Neutral:	0°	Detented
• Clutch engage:	+/- 20°	Detented
• Full throttle:	+/- 78°	-
Output:	10 bit	
Connection[1]:	CANbus	(Mighty Mariner)
	RS485	(6525 system)
Terminals:	22-16 AWG, screw clamp	
EMC emissions:	per IEC 60945	
EMC immunity:	per IEC 60945	
Compass Safe Distance:	2 in [5 cm]	
Environmental category:	ENV5 / Class C / exposed	
Ingress Protection[2]:	IP56 (above console)	
	IP22 (below console)	
Ambient Temperature:	-14°F...+131°F [-10 °C... +55 °C]	
Environmental Conditions:	per IEC 60945	
Vibration Resistance:	0.7 g	
Finish:	Polyester powder coat	
	Textured black	
Weight:	6.2 lbs [2.8 kg]	
Approvals:	ABS (18-HS1751300-PDA)	
	ABS (18-HS1751301-PDA)	
	Lloyd's (LR23288345TA)	

Key Features

- Four station propulsion control
- Multi function capability
- Configurable design to suit requirements
- Lab tested to meet IEC 60945 standards
- ABS Type approved
- Bronze & stainless steel construction

[1] 132 ft [40m] maximum

[2] Requires sealed mounting screws and 3/16 in [5mm] thick console (minimum).

8238 129th Street, Surrey, British Columbia, Canada, V3W 0A6
604.572.3935 • sales@kobelt.com • www.kobelt.com

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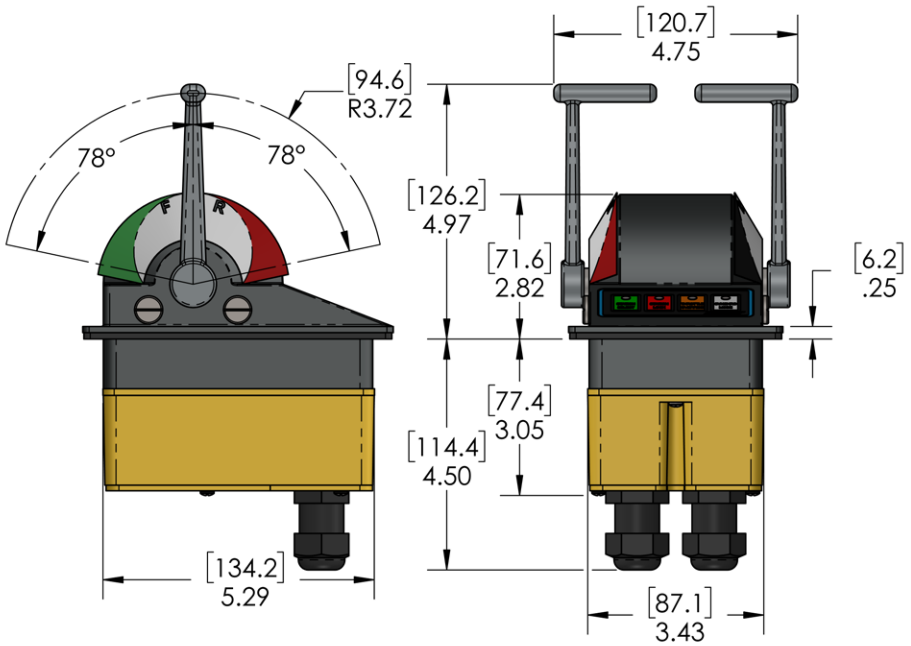
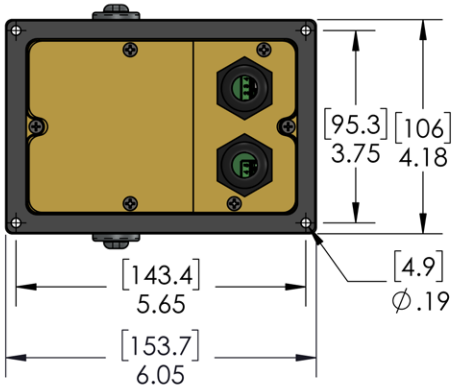
SPECIFICATIONS





Mighty Mariner Termination

Device	Connector	Pin #	Signal
CPU	P1	1	+ VDC
		2	COM
		3	DATA+
		4	DATA-
		5	SHIELD
Buzzer	P4	1	+VDC
		2	COM

6525 System Termination

Device	Connector	Pin #	Signal
CPU	P2	1	+ VDC
		2	COM
		3	DATA+
		4	DATA-
		5	SHIELD
Buzzer	P4	1	+VDC
		2	COM

Model Code Key

6505□-□□-□□-□□

Switch Options
- (blank) = SS/SL/TO/SM switch pad
- 4A[1] = SS/SL/CI/FC switch pad

Potentiometer Options
- (blank) = 5Kohm
- D = 1Kohm

Handle Function (left to right)
- (blank) = Throttle + Throttle
- TP = Throttle + Pitch
- PT = Pitch + Throttle
- PP = Pitch + Pitch

Finish Options
- B = black dome & chrome handles
- C = chrome plated
- L = polished brass

Handle Options
- S = Single Engine
- T = Twin Engine
- E[2] = Elegant Handle

System Options
- (blank) = 6525 propulsion system
- S = Mighty Mariner system

Notes:
1. Only available with 6525 system
2. Not available with single engine option
3. SS = station select; SL = station lock; TO = throttle override; SM = engine synchronizer mode; CI = clutch in; FC = feather control

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