

6505 | ELECTRONIC PROPULSION CONTROL HEAD



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

Connection¹:

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 Protection²:

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)

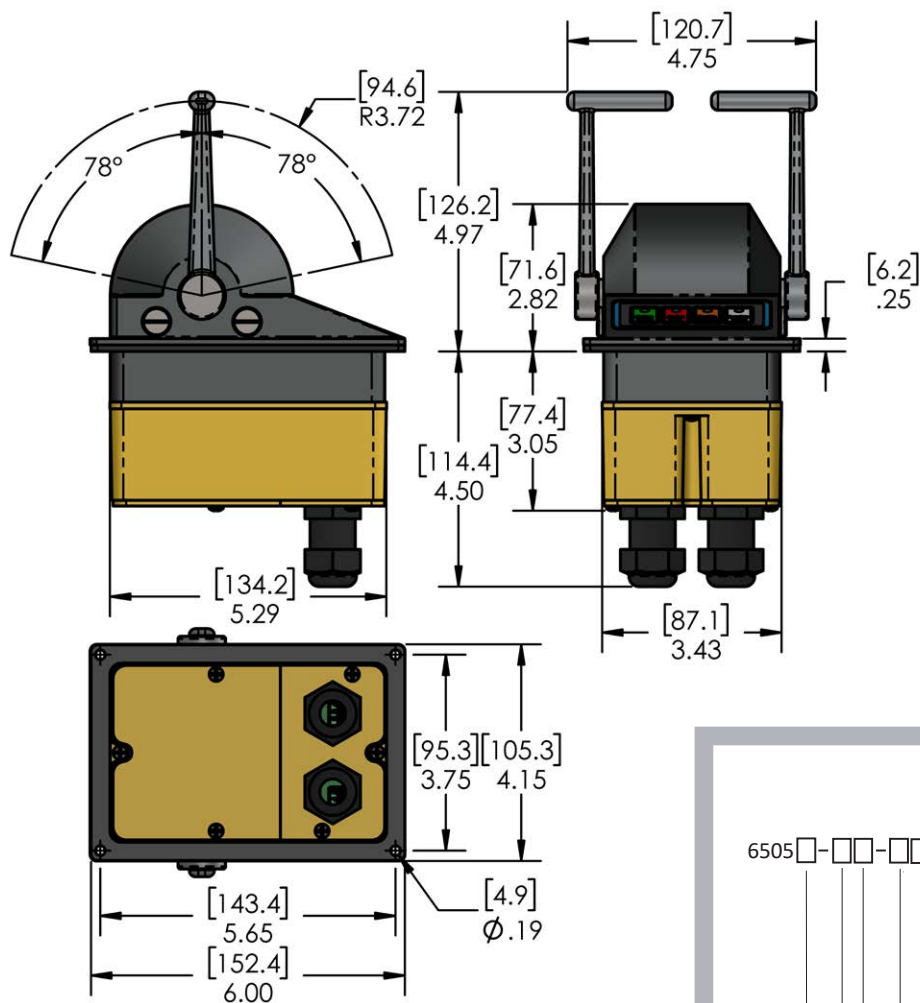
Key Features

- 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).

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
4A¹ = 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
E² = 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 SM = engine synchronizer mode
SL = station lock CI = clutch in
TO = throttle override FC = feather control