

6523 | ANALOG CONTROL HEAD



Putting you in control.

Manufactured for the industrial and marine environments, the Kobelt 6523 analog control head provides rugged and reliable operation for applications requiring two axis of control. Available in one or two handle configurations, each handle can be fitted with a choice of sensors to realize any function. Handles are available with triple or single detents to provide tactile feedback in the forward, reverse, and neutral positions. Constructed from bronze and stainless steel, the 6523 offers exceptional durability and corrosion resistance. With a wide range of configuration options, the 6523 delivers the flexibility to meet a variety of control requirements.

Specifications

Handle Travel:

- | | | |
|------------------|---------|----------|
| • Neutral: | 0° | detented |
| • Clutch engage: | +/- 19° | detented |
| • Full throttle: | +/- 72° | - |

Output¹: ratiometric, 0-5kΩ

Output device¹: Potentiometer

Connection: Flying leads, 3C / 22AWG /
Shielded / 1m long

Ingress Protection²: IP56 (above console)

Ambient Temperature: -14°F...+131°F [-10 °C... +55 °C]

Finish: Polyester powder coat
Textured black

Weight:

Single handle:	4.3 lbs	[2.0 kg]
Twin handle:	5.7 lbs	[2.6 kg]

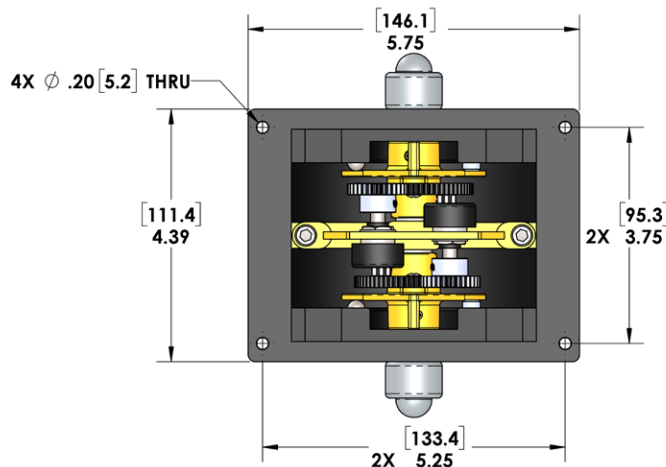
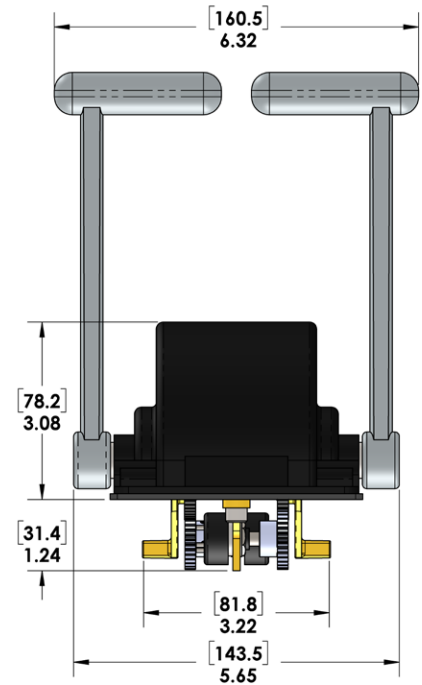
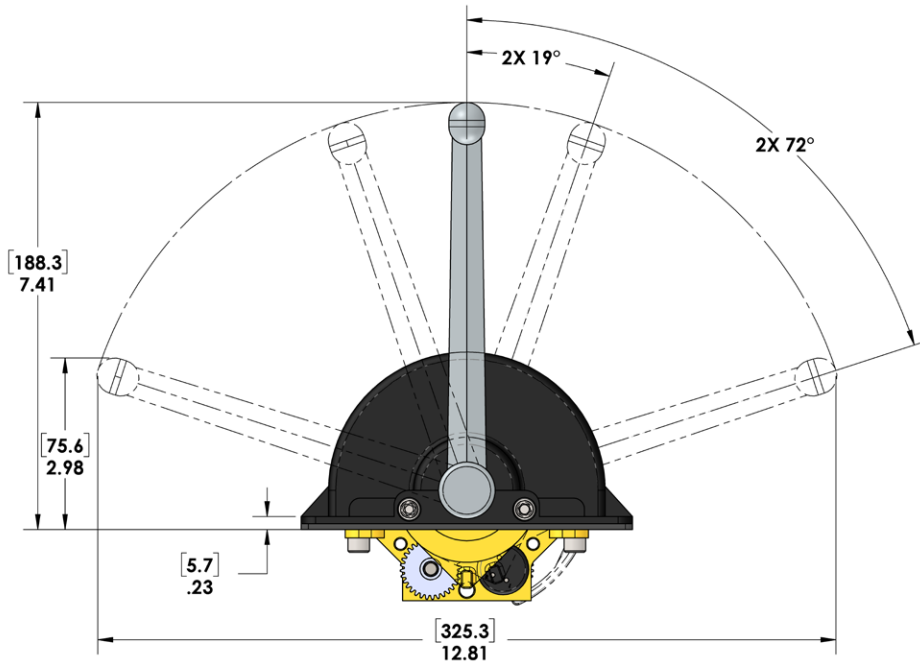
Key Features

- Suitable for harsh environments
- Configurable design to suit requirements
- Bronze & stainless-steel construction
- Compatible with 6510/6512 control bases

¹ Other output options available

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

SPECIFICATIONS



POTENTIOMETER PIN OUT

6523 Control head			
Signal	Colour	Gauge	Function
POT +	White	18AWG	Potentiometer power supply connection
POT WIPER	Red		Potentiometer signal connection
POT -	Black		Potentiometer ground connection

Model Code Key

6523 - [] - [] - [] - []

Switch Base Options

- (blank) = no base unit
- 4S = 4 switch base unit
- 6S = 6 switch base unit

Sensor Options (per handle)

- (blank) = 1x 5 Kohm
- 2H = 2x 5 Kohm
- D = 1x 1 Kohm
- 2D = 2x 1 Kohm
- J = 1x 10 Kohm
- U = 1x 5VDC
- I = 1x 4-20mA

Handle Function (left to right)

- (blank) = 3 detents ea
- T = 3 detents
- P = single detent

Finish Options

- B = black dome & chrome handles
- C = chrome plated

Handle Options

- S = Single Engine
- T = Twin Engine