

**CHASING**

# CHASING USBL KIT

Applicable to Cerulean ROV Locator Bundle Mark II

Accessory specially designed for use with  
CHASING M2 PRO ROV.

[www.chasing.com](http://www.chasing.com)



Ultra-short baseline acoustic positioning (USBL) is a technology used for underwater positioning and is commonly used in offshore oil exploration, marine salvaging, emergency rescue and other applications. It is mainly used to accurately detect the underwater location of divers, remote operated vehicles (ROV), autonomous underwater vehicles (AUV) and other underwater bodies.

The CHASING USBL Kit is exclusively designed for the CHASING M2 PRO with the docking station and adapter box/control console optional. The kit is used to implement the accurate underwater positioning of CHASING M2 PRO. The USBL positioning system uses the principle of triangulation-based localization and utilizes a transmitter and receiver to send and receive sonar signals to calculate the coordinates of CHASING M2 PRO.



# Can be used with an adapter box or control console



The transmitter of the CHASING USBL Kit is installed on CHASING M2 PRO, while the receiver is connected to the adapter box or control console, which is located on land or on deck via a tethering cable.





Designed for USBL and CHASING P200,  
acquire the real-time  
location information



Users can connect USBL and CHASING M2 PRO by using CHASING USBL KIT. USBL can clearly see the current underwater location of the CHASING M2 PRO by viewing the map from the cellphone or CHASING Control Console

\* This kit is available in both the non-automatic sync and the automatic sync version of USBL MARK II.

# Product Parameter

CHASING USBL KIT	
Dimensions of the Transmitter Bracket	127 mm × 106 mm in diameter
Weight of the Transmitter Bracket	194 g
Dimensions of the Receiver Component	Bracket: 127 mm × 106 mm in diameter
	Control cabin: 100 mm × 72 mm in diameter
Weight of the Receiver Component	Bracket: 134 g
	Control cabin: 249 g
Operating Depth of the Control Cabin	1 to 1.5 m
Operating Temperature	-10°C-45°C

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