

# CM300-005



# Cobra MARINE®

## Cobra Positioning System

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**External GPS receiver. No more DSC calls without GPS data!**

### **Plug-N-Play**

Simply plug in to the MR F57 and MR F77 GPS VHF Marine radios. Also plug into your current Cobra Radio with one extra step of connecting power to the GPS.

### **Compatibility**

Connects easily to any competitor Radio or Chart Plotter with the included cable.

### **Waterproof**

Rated to IPX6 Waterproof specifications.

### **56 Channel GPS Receiver**

Insures reception of all viewable satellites in the sky.

### **Simple Installation**

Simple "Stick On" under the console. No special tools required for installation.





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## Features

Features	Benefits
<b>Cobra Positioning System</b>	External GPS receiver. No more DSC calls without GPS data!
<b>Plug-N-Play</b>	Simply plug in to the MR F57 and MR F77 GPS VHF Marine radios. Also plug into your current Cobra Radio with one extra step of connecting power to the GPS.
<b>Compatibility</b>	Connects easily to any competitor Radio or Chart Plotter with the included cable.
<b>Waterproof</b>	Rated to IPX6 Waterproof specifications.
<b>56 Channel GPS Receiver</b>	Insures reception of all viewable satellites in the sky.
<b>Simple Installation</b>	Simple "Stick On" under the console. No special tools required for installation.
<b>NMEA 0183 Interface</b>	Compliant to NMEA 0183 Version 4.0.
<b>NMEA Sentences</b>	DTM, GGA, GLL, GRS, GSA, GSV, RMC, VTG.



## Unit Specifications General

Receiver Type	56 Channels GPS L1C/A SBAS L1C/A QZSS L1C/A GLONASS L10F Galileo E1B/C (when available)	
Time-To-First-Fix (GPS Only)	Cold Start	26 seconds
	Warm Start	26 seconds
	Hot Start	< 1 second
	Aided Starts	< 1 second
Sensitivity (GPS Only)	Tracking & Navigation	-162 dBm
	Reacquisition	-160 dBm
	Cold Start	-148 dBm
	Hot Start	-157 dBm
Horizontal Position Accuracy	GPS Without SBAS	< 2.5 Meters
	GPS With SBAS	< 2.0 Meters
Accuracy of Timepulse Signal	RMS	30 nS
	99%	< 60 nS
Velocity Accuracy	0.1 m/s	
Heading Accuracy	0.5 Degrees	
Dynamics	< 4 g	
Operational Limits	Altitude	50,000 Meters
	Velocity	500 m/s
Unit Dimensions	2.40" H x 2.80" W x 0.71" D (not including cable) (61 mm x 71 mm x 18 mm)	
Unit Weight (Lbs)	6.08 oz. (172.4 g.) with Lithium-Ion Battery	

## Packaging Specifications

Individual Package Dimensions	6.30" H x 5.91" W x 0.91" D (160mm x 150mm x 25mm)
Individual Package Weight	TBD (TBD g.)
Master Pack Qty.	4
Master Pack Dimensions	TBD (TBD mm)
Master Pack Weight	TBD (TBD g.)
SKU #	CM300-005
UPC #	0 28377 31375 2
Master Pack Barcode	1 0028377 31375 9

Specifications subject to change without notice.



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CM300-005 SP 12/14