

CM300-005



Cobra MARINE®

Cobra Positioning System

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

Benefits

Cobra Positioning System	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.
NMEA 0183 Interface	Compliant to NMEA 0183 Version 4.0.
NMEA Sentences	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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