

MP Electronic Compass User Guide

Introduction	1
About Compass Heading and GPS Heading	1
HORIZON ^{mp} & Compass Heading.....	1
Autopilot Requirements	2
Installation	2
The Compass Module	2
Weight & Dimensions	3
Expansion Cable	3
Installation Considerations	3
Cable Shielding.....	5
To Install the Compass Module.....	5
Connecting More Than One Expansion Module	7
Retaining the Connector	7
Setup	7
Enable compass	8
Compass Mounting Orientation.....	8
Compass Calibration	10
Calibration Notes.....	10
Calibration Environment	11
Prepare for Calibration	11
Calibrating the compass in an LRC system	11
New Calibration Wizard Method	12
Before you begin.....	12
Connecting the autopilot to the Compass Calibrator	12
Set Declination And Inclination Step	13
IMPORTANT:.....	14
Calibration Logs & Replay	25
HyperTerminal Compass Calibration Method	25
MP2028 ^g and MP2128 ^g HyperTerminal Procedure.....	26
MP2128 ^{heli} HyperTerminal Procedure	27
Post Calibration	30
Record your Calibration Values	30
Post Installation & Calibration Checks.....	30
Declination.....	30
Troubleshooting	32
Calibration Wizard.....	33