

Installing and Using MP Analogue to Digital Converters

Table of Contents

Introduction.....	1
Required equipment and parts	2
Parts	2
Equipment.....	2
Analogue to digital converter specifications.....	2
Installation.....	2
Address Jumpers	3
Connecting the ADC to sensors	3
Mounting Dimensions.....	5
Expansion Cable	5
Connecting the ADC to your Autopilot	6
Connecting More Than One Expansion Module.....	6
Verifying the Autopilot recognises the ADC(s).....	7
Setting the voltage range.....	7
Working with data.....	9
Displaying Data in HORIZON ^{mp}	9
• Sensor display	9
• Horizon Sensor Monitor plug-in.....	10
• Strip Chart display	10
• Trace Route display	11
ADC Result Fields	11
Calibrating an ADC channel	15
Data Recording Rate	19
Logging Telemetry data.....	19
Examples	21
Voltage range and sensitivity	21
Sensor display in HORIZON ^{mp}	23
Strip chart display	28
Trace route display.....	29
Telemetry	31
Troubleshooting	32
Index	1