Prepare ZMax for field work

SD card choices



Format SD card

Capacity:	
59.5 MB	*
File system	
FAT32	~
Allocation unit size	
Default allocation size	*
/olume label	
Format options	
Quick Format	
Enable Compression	
Create an MS-DOS startup disk	

Click on Start

Format Complete

Formatting Removable Disk (E:)	? ×	Туре	Total Size
Capacity:		Local Disk CD Drive	74.5 GE
59.5 MB	~	Formatt	ting Removable Disk (E:) 🛛
File system		-	
FAT32	~	\mathbf{Q}	Format Complete.
Allocation unit size			
Default allocation size	~		OK
Volume label	-	-	
Format options			
Quick Format			
Enable Compression			
Create an MS-DOS startup disk			
Start	cel		

Scan SD card for errors



Click on Start

No errors found

Removable Disk (E:) Properties General AutoPlay Tools Hardware Norton Sharing Error-checking Image: Check in the second state of the	Configure this comp
Defra Checking Disk Removable Disk (E:) Check disk options Automatically fix file system errors Scan for and attempt recovery of bad sectors	Checking Disk Removable Disk (E:) X Disk Check Complete.
Back Phase 2 Start Cancel	ОК
OK Cancel App	My Computer

WinComm - what port? Check before connecting USB to Serial adapter

🧏 WinComm		×
- Command	Mode Send Send Advanced Mode Programmable GPS Recorder Programmable GPS Recorder	Settings Help
Display	Simple Gee Recorder	
	Communication Settings Comm : Auto Configure Receiver Type : COM12 COM3 COM9 Receiver Type : Stop bits : 1 Load Settings Save Settings	Editing
▲ Pause	Clear View Print View	Start Recording

Connect USB to Serial adapter to PC



Connect serial cable to ZMax



Connect ZMax serial cable to adapter



Connect WinComm to ZMax

🍠 WinComm		×
Command	Send Mode Image: Send Image: Simple GPS Recorder Image: Advanced Programmable GPS Recorder	Settings Help
- Display	Simple Gos Decorder	
	Communication Settings Edite Comm : COM4 Speed : COM11 COM3 Receiver Type : Data bits : COM4 Parity : None Stop bits : 1 Load Settings Save Settings OK	iting 🐳
Pause	Clear View Print View	Start Recording

USB to serial adapter is COM4 on this computer

🍠 WinComm : Com 4, 9600, 8, No, 1	×
Command SPASHQ.RID Send Advanced	Mode © Simple GPS Recorder Settings © Programmable GPS Recorder Help
Display \$PASHR, RID, ZA, 30, MD05, BUE-MFT3JKIG-	Simple Gps Recorder Editing Directory : c:\projects\mobilemappercx\mn File Name : Record . Raw File Max Size : No Limits
Pause Clear View Print View	Start Recording

\$PASHQ,RID - verifies connection and MD05 firmware installed

REINIT with SD card removed



After the re-init turn off the ZMax and insert the SD card

Format the SD card \$PASHS,CLM

J WinComm : Com 4, 9600, 8, No, 1	
Send	Mode Simple GPS Recorder Settings Programmable GPS Recorder Help
Display	Simple Gps Recorder Editing Directory : c:\projects\mobilemappercx\mn File Name : Record . Raw File Max Size : No Limits Start Recording
Pause Clear View Print View	

Send the command and then WAIT to see whether it PASSED

3	WinComm : Com 4, 9600, 8, No, 1
F	Command
	\$PASHS,CLM 🗨 Send
	Advanced
	Display
-	<u>P</u>
	<pre>\$PASHR,RID,ZA,30,MD05,BUE-MFT3JKIG- \$PASHR,CLM,WAIT*11 \$PASHR,CLM,SIZE,054855KB*33 \$PASHR,CLM,PASSED*0A</pre>

SD card passed. The ZMax is ready to record data.

Phil Stevenson July 7, 2009