



# Fact Sheet: 08012 Modmax modem CSD setup

## Maxon ModMax CSD setup – type at&v to check configuration

```
&C: 0; &D: 0; &F: 1; &W: 1; E: 0; L: 0; M: 0; Q: 1; V: 1; X: 0; Z: 0;  
S0: 1; S3: 13; S4: 10; S5: 8; S6: 2; S7: 50; S8: 2; S9: 6; S10: 14;  
S11: 95; +FCLASS: 0; +ICF: 3,3; +IFC: 0,0; +IPR: 9600; +DR: 0;  
+DS: 0,0,2048,6; +WS46: 12; +CBST: 0,0,1;  
+CRLP: (61,61,48,6,0), (61,61,48,6,1), (240,240,52,6,2);  
+CV120: 1,1,1,0,0,0; +CHSN: 0,0,0,0; +CSSN: 0,0; +CREG: 0; +CGREG: 0;  
+CFUN:; +CSCS: "IRA"; +CSTA: 129; +CR: 0; +CRC: 0; +CMEE: 2; +CGDCONT:  
(1,"IP","telstra.datapack","",0,0), (2,"IP","telstra.internet","",0,0), (3,"IP","te  
lstra.pcpack","",0,0), (4,"IP","telstra.datapack","",0,0)  
; +CGDSCONT: ; +CGTFT: ; +CGEQREQ: ; +CGEQMIN: ; +CGQREQ: ; +CGQMIN: ;  
+CGEREP: 0,0; +CGDATA: "PPP"; +CGCLASS: "B"; +CGSMS: 1; +CSMS: 0;  
+CMGF: 1; +CSCA: "",; +CSMP: ,,0,0; +CSDH: 0; +CSCB: 0,"",""; +FDD: 0;  
+FAR: 0; +FCL: 0; +FIT: 0,0; +ES: ,,; +ESA: 0,,,,0,0,255,; +CMOD: 0;  
+CVHU: 1; +CPIN: ÿÿÿÿ,ÿÿÿÿ; +CMEC: 0,0,0; +CKPD: 1,1; +CGATT: 1;  
+CGACT: 0; +CPBS: "SM"; +CPMS: "ME","ME","ME"; +CNMI: 0,0,0,0,0;  
+CMMS: 0; +FTS: 0; +FRS: 0; +FTH: 3; +FRH: 3; +FTM: 96; +FRM: 96;  
+CCUG: 0,0,0; +COPS: 0,0,""; +CUSD: 0; +CAOC: 1; +CCWA: 0;  
+CPOL: 0,2,"",0,0,0; +CPLS: 0; +CTZR: 0; +CTZU: 0; +CLIP: 0; +COLP: 0;  
+CDIP: 0
```

### OTHER USEFUL COMMANDS

at+CLCK="SC",0,"0106"	unlock SIM – if SIM PIN 0106
at+CNMI=0,0,0,0,0	SMS results ignored default=+CNMI: 2,1,0,0,0
at+CREG?	+CREG: 0,1 = registered with the network
at\$\$RSSI	radio RSSI dbm
at\$\$reset	force a modem reset
at\$\$reset=15	force a modem reset every 15 minutes

To store the any changed settings send at&w1. Reset configuration 1 ( set by at&f1 command )

NOTE: Modem default baud rate is 115,000 – enter the commands in the order below

at&w1	write default configuration to configuration 1
at&f1	reset modem and activate configuration 1
at+ipr=9600	requires change to terminal baud rate to 9600 to continue entering commands
at&c0&d0	software handshaking off
ats0=1	answer after one ring
at+ifc=0,0	hardware handshaking off
ate0q1	echo off, responses off - modem will now not respond or echo typing

at&w1

store the settings to configuration 1