

XL SERIES PC MENU TREE

(Page 1 of 3)

October, 2010
Version 4.01

H-350 XL Main Menu

- V - View Status
- I - Sensor Input Options
- D - Data Options
- O - Output Options
- S - Scan Options
- C - Configure System
- A - Accessory Setup
- E - Enter Command Mode
- X - Exit

Enter Option >

Note: Based on H-350SL with SD/USB memory option, Slight variations may be noticed with other XL series devices.

View Status Submenu (Esc to Return)

Time:	HH:MM:SS	Log	Source/	Log
Date:	MM/DD/YY	Col #	Header Value	
Scanning:	Off	-----	-----	-----
Next Scan:	XX:XX:XX	1	MM/DD/YY	XX/XX/XX
GOES Mode:	Off	2	HH:MM:SS	XX:XX:XX
FailSafe:	N/A	3	Stage	XX.XX
Last GPS Sync:	N/A	4	PtTemp	XX.XX
		5	Battery	XX.XX

Battery: XX.X
Batt Max: XX.X
Batt Min: XX.X
System Resets: XXX

Site ID: Site_ID
Serial #: S#001000
Version: 4.01

C - Checksum Test
M - Measure
R - Reset Batt Max, Batt Min, & System Resets

Enter Option >

Stage, Temperature Setup (Esc to Return)

S - Stage: XX.XXX
O - Offset: 0.000
U - Units: Feet
A - Averaging Time: 1 Seconds

Temperature: XX.XX
T - Temp Units: Deg C

R - Remote Stage: X.XXX
1 - Source: None
2 - Offset: 0.000
3 - Slope: 1.000

M - Measure

Enter Option >

Counter, Frequency Setup (Esc to Return)

C - Counts (Int): X.XX
T - Total Counts: X.XX
S - Slope: 0.01
I - Cnt Interval: Daily
M - Counter Mode: Count Daily
W - Rate Win Size: 15
D - Debounce Time: 5 mS
R - Reset Counters

Frequency: X.XX
F - Freq Slope: 1.0000
O - Freq Offset: 0.0000

Enter Option >

Sensor Input Options (Esc to Return)

Stage: XX.XX Feet
Temperature: XX.XX Deg C
Remote Stage: X.XXX

Counts (Int): X.XX
Total Counts: X.XX
Frequency: X.XX

Digital I/O #1: 1 (Digital Input)
Digital I/O #2: 1 (Digital Input)

Analog 1: X.XXX Analog 3: X.XXX
Analog 2: X.XXX Analog 4: X.XXX

S - Stage / Temperature Setup
C - Counter / Frequency Setup
D - Digital I/O Setup
A - Analog Input Setup
M - Measure (Stage, Temp)
G - Generic SDI-12 Options
H - Advanced SDI-12 Set Up

Enter Option >

Digital I/O Setup (Esc to Return)

Digital I/O #1: 1
A - I/O Mode: Digital Input
B - Trigger When: 0
C - Pulse Length: 1000 ms
D - Warm Up Delay: 250 ms
1 - Test Output 1:

Digital I/O #2: 1
E - I/O Mode: Digital Input
F - Trigger When: 0
G - Pulse Length: 1000 ms
H - Warm Up Delay: 250 ms
2 - Test Output 2:

O - Encoder Out Source: None
V - Encoder In Value: X.XXX
S - Encoder In Slope: 0.010

Enter Option >

Data Options (Esc to Return)

Internal Data Status: Ok (XX.X% Full)
Data Card Status: Ok (XX.X% Full)
USB Thumb Drive:

C - Copy Data To Card
T - Transmit Data
N - Transmit New Data
E - Erase All Data
F - Erase Individual Files
D - Directory Of Files
V - View End Of Data Files
O - Enter Field Notes

Enter Option >

Analog Input Setup (Esc to Return)

Analog 1: X.XXXX	Analog 2: X.XXXX	Analog 3: X.XXXX	Analog 4: X.XXXX
A - Slope: 1.00	E - Slope: 1.000	I - Slope: 1.000	M - Slope: 1.000
B - Offset: 0.00	F - Offset: 0.000	J - Offset: 0.000	N - Offset: 0.000
C - Samples: 500	G - Samples: 500	K - Samples: 500	O - Samples: 500
D - Range: 5.0 V	H - Range: 5.0 V	L - Range: 5.0 V	P - Range: 5.0 V
X - Diff. Mode : Off			

Enter Option >

Generic SDI-12 Options (Esc to Return)

T - Test Address: 0 Using Standard SDI Connection
A - Acknowledge
I - Identify
V - Verify
M - Measure
C - Concurrent Meas
D - Data Retrieval
S - Send Extended
E - Edit Extended: 0
F - Full Screen Transparent/Monitor Mode
L - Look for Sensors

Enter Option >

Advanced SDI-12 Setup (Esc to Return)

T - Time Out Value: 0.000
U - Use Time Out Value: Yes
R - Reset to Default:
S - Scan Sensor

Advanced SDI-12 Task #

Task Number	|1	|2	|3	. . . . .	10
A - Address	|0	|0	|0	. . . . .	0
P - Parameter	|1	|1	|1	. . . . .	1
M - Meas Type	|M	|M	|M	. . . . .	M
C - Com Port	|SPI-12	|SPI-12	|SPI-12	. . .	SPI-12
L - Slope	|1.000	|1.000	|1.000	. . .	1.000
O - Offset	|0.000	|0.000	|0.000	. . .	0.000
V - Value	|0.000	|0.000	|0.000	. . .	0.000

→ Next
← Previous

Continue to
Page 2

XL SERIES PC MENU TREE (Page 2 of 3)

Output Options (Esc to Return)

- L - Logging Options
- P - Auto Print: Off
- G - GOES Radio Options
- R - Remote Display Options
- V - Voice Modem Options
- A - Alert Radio Options
- F - 4-20 MilliAmp Output Options
- C - Alarm Call Out Options
- M - Modbus Out Options

Enter Option >

Logging Options (Esc to Return)

- L - Logging: On
- N - .NEW File: None
- T - Data Format: Normal
- W - Wrap Mode: Disabled
- A - All Log: Rates to Scan Rate

B - Scan Rate = XX:XX:XX Est. Days To Fill Memory: XXX

Column #	01	02	03	04	05	06 . . . 25
S - Source:	Date	Time	Stage	PtTemp	Batt	None . . .
H - Header:	MM/DD/YY	HH:MM:SS	Stage	PtTemp	Battery	
R - Log Rate:	XX:XX:XX	. . . .			
D - Digits:	2	. . . .			
F - Function:	NOW	. . . .			
U - Stat Scrn:	No	No	Yes	Yes	Yes	No

I - Insert Column
E - Delete Column
-> Next
<- Previous
Enter Option >

Remote Display (Esc to Return)

- S - Source: None
- L - Label: Stage =
- P - Port: X

Enter Option >

Voice Modem (Esc to Return)

- M - Modem Type: (older) H219
- V - Voice Modem: Off
- R - Update Rate: HH:MM:SS
- 0 - Source 0: None
- 9 - Source 9: None

Enter Option >

GOES Radio Options (Esc to Return)

GOES Radio Type: SE-1200
Time to ST Txd:
Next ST Txd At :

- M - Mode: Off
- A - Address: XXXXXXXX
- T - Time (UTC): HH:MM:SS
- P - Preamble: Short
- S - Self Timed Options
- R - Random Options
- D - Diagnostic Menu
- F - Reset GOES Options to Factory Defaults

Enter Option >

Self Timed Options (Esc to Return)

- C - Channel Number: 000
- R - Transmit Rate: HH:MM:SS
- O - Tx Offset Time: HH:MM:SS
- W - Self Timed Window: 15
- I - Center data In Window: No
- B - Self Timed BaudRate: 300
- F - Data Format: SHEF
- D - Data Order: SCAN
- N - Data Sent First: Newest
- H - Send SHEF Headers: No
- A - Append 1 Battery Scan: No
- S - Redundant Data Sets: 1
- T - Transmit Options
- V - View XL Buffer Data

Radio Buffer Byte Count: XXX
XL Buffer Byte Count: XXX of XXX Bytes Max
Estimated Transmit time: XX Seconds

Enter Option >

ST Transmit Options (Esc to Return)

A - All Meas. Rates Set To Scan Rate:

Scan Rate: HH:MM:SS

Column	01	. . . 20
S - Source:	None	. . . .
C - SHEF Code:		
R - Meas. Rate:	HH:MM:SS	. . . .
F - Format:	XX.XX	. . . .

I - Insert Column
E - Delete Column
L - Set Based on Log Options

-> Next
<- Previous
Enter Option >

ALERT Radio Options (Esc to Return) / ? for Help

- A - ALERT Radio: Off
- O - Time TX Offset: HH:MM:SS

Column	1	2 . . . 20
S - Source:	None	. . . .
I - ALERT ID:	XXXX	. . . .
R - Range	20.47	. . . .
Diviser	100.00	. . . .
Base	0.000	. . . .
D - Data Function:	NOW	. . . .
T - Timed Txd Rate:	8 Hours	. . . .
M - Trigger Mode:	Off	. . . .
P - Trigger Point:	X.XX	. . . .
H - HoldOff Minutes:	XX	. . . .
Q - Hold Off Trg Pt:	X.XX	. . . .
F - Force Transmission:		

-> Next
<- Previous
Enter Option >

Random Options (Esc to Return)

- C - Channel Number: 000
- R - Transmit Rate: HH:MM:SS
- B - Random BaudRate: 100
- A - Alarm Condition: 0
- T - Transmit Options
- F - Force Random Transmission

Buffer Byte Count: X

Enter Option >

RR Transmit Options (Esc to Return)

Column #	01	02	03	04	05
S - Source:	None.....				

-> Next
<- Previous
Enter Option >

4 to 20 MilliAmp Output Options (Esc to Return)

Current Milliamp Output: Not Enabled

- S - Data Source: None
- H - Maximum Level: 20.00
- L - Minimum Level: 4.00

Enter Option >

Alarm Call Out Options

- A - Alarms Enabled: No
- N - Number of Retries: 0

Column	1	2 . . . 10
S - Source:	None	. . . .
M - Trigger Mode:	>Set Pt	. . . .
T - Trigger Point:	1.000	. . . .
R - Reset Point:	0.000	. . . .
I - I D Tag:	A11	A12 . . . A10
B - Site Number:	0	. . . .
C - Connection:	Direct	. . . .
P - Phone #/ Address:	N/A	. . . .
Active Tries	No / 0	. . . .
F - Force Transmission		

--> Next
<- Previous
Enter Option >

Modbus Setup

>Last Command At HH:MM:SS

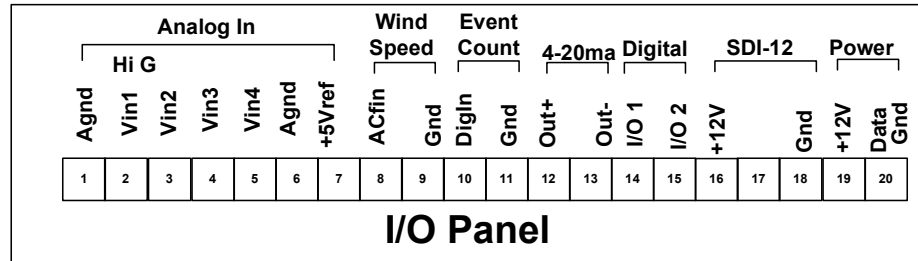
- M - Mode: Off
- A - Address: 1
- B - Baud Rate: 19200
- P - Parity: Even
- L - Low Power Timeout: 30

XL SERIES PC MENU TREE (Page 3 of 3)

Version 4.01

Continued from
Page 2

H-350 XL Main Menu
V - View Status
I - Sensor Input Options
D - Data Options
O - Output Options
S - Scan Options
C - Configure System
A - Accessory Setup
E - Enter Command Mode
X - Exit
Enter Option >



Scan Options (Esc to Return)
Current Time: HH:MM:SS
Next Scan: HH:MM:SS
S - Scanning: Off
R - Scan Rate: HH:MM:SS
O - Scan Offset Time: HH:MM
N - Next Scan At: HH:MM:SS
F - Start New File:
Enter Options >

System Setup (Esc to Return)
T - Time: HH:MM:SS
D - Date: MM/DD/YY
E - Date Fmt: MM/DD/YY
I - Site ID: Site_ID
A - Advanced Setup Options
M - SDI Sensor Mode Setup
L - SDI Logger Mode Setup
P - Port Setup
C - Configuration Files
R - Reset Defaults
G - Sync Time Options
F - Functions Menu
B - XL-Basic Code Menu
U - Update Firmware
Enter Option >

Accessory Setup (Esc to Return)
P - Gas Purge Setup
Enter Option >

Gas Purge Setup (Esc to Return)
Last Purge At: MM/YY HH:MM
Tank Pressure: X.XX PSI
Line Pressure: X.XX PSI
B - Bubble Rate: 60 Per Minute
P - Purge Pressure: 40 PSI (92.27 feet)
D - Purge Duration: 70 Seconds
S - Timed Purge: 0 Days
M - Manual Purge
N - Number of Purges: XXX
U - Update All Values
Enter Option >

Advanced System Setup Options
W - Welcome Message: #Sign On Message
E - PassWord Enabled: No
P - Password: #123
T - System Timeout: 300
A - AutoOff Enabled: Yes
B - Side Button Mode: Hold to Update
U - User Mode: Normal
D - Excitation Delay: 0
S - Switched Excitation On: Always
G - GOES Radio Type: SE-1200
Enter Option >

SDI-12 Logger Mode Setup (Esc to Return) / ? for Help
T - No Response Timeout Value: 0.00
R - Reset to SDI -12 Logger Mode Defaults
V - View Current SDI-12 Values
a M- Adrs (a) Measurement Type
a P - Adrs (a) Serial Port
a A - Adrs (a) Redirect Option

SDI-12 Address	Measure Type	Port	Address Redirected
0 -	M	SDI-12	0 Ok
9 -	M	SDI-12	9 Ok

Enter Option >

Configuration Files Menu (Esc to Return)
C - Create CFG File In Memory
S - Setup From CFG File In Memory
P - Save CFG to PC File
D - Setup From File on PC
Enter Option >

Time Sync Options (Esc to Return)
Last Sync On: XX/XX
GOES Time: XX:XX:XX
Logger Time: XX:XX:XX
Date: MM/DD/YY
O - Time Ofst: XX:XX:XX
S - Sync: Sync Disabled
N - Sync Time Now
Enter Option >

Sensor Mode Setup (Esc to Return)
SDI-12 Sensor Mode Status: Enabled
A - SDI-12 Address: 0
T - Total Measurement Time: X
1 - Parameter 1: Stage B - Digits:2
2 - Parameter 2: PSI |
3 - Parameter 3: PtTemp |
4 - Parameter 4: None E - Digits:2
| |
9 - Parameter 9: None J - Digits:2
Enter Option >

Port Setup (Esc to Return)
B - Baud Rate, Com1: 9600
Com2: 9600
Com3: 9600
S - StartUp Mode, Com1: Menu Mode
Com2: Off
Com3: Off
F - Flow Control: SW
C - Character Delay: 000
L - Line Feed Delay: 000
T - Terminal Emulation: VT-100
Q - Quiet Mode: Off
D - Quiet Mode Duration: 015
Enter Option >

Functions Menu 31 to 40 (Esc to Return)
Functions Menu 21 to 30 (Esc to Return)
Functions Menu 11 to 20 (Esc to Return)
Functions Menu 01 to 10 (Esc to Return)
1 - Fnt01 = 0
|
9 - Fnt09 = 0
0 - Fnt10 = 0
N - Next
V - View Values
Enter Option >

XL-Basic Code Options (Esc to Return)
L - Load Code: From PC Card to Memory:
G - Get Code: From Memory to PC Card:
V - View BASIC Program

PgmNumber	PgmName	PgmValue
1 - Test XL-Basic1:		X.XXXX
2 - Test XL-Basic2:	TILTMTR	|
5 - Test XL-Basic5:		X.XXXX

S - Single Step Mode: Disabled
Enter Option >