

XL SERIES PC MENU TREE

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October 2011
Version 4.3

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-350XL with SD/USB memory option, Slight variations may be noticed with other XL series devices.

View Status Screen (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	Battery	XX.XX

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

Site ID: Site_ID
 Serial #: S#001000
 Version: 4.3

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

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

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 SDI Card Status: Ok (XX.X% Full)
 External SDI Card Status: Ok (XX.X% Full)
 USB Thumb Drive Status: Not Installed

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: XX.XXXX	Analog 2: XX.XXX	Analog 3: XX.XXX	Analog 4: XX.XXXX
A - Slope: XXX.XXX	E - Slope: XXX.XXX	I - Slope: XX.XXX	M - Slope: XX.XXX
B - Offset: XX.XXX	F - Offset: XX.XXX	J - Offset: XX.XXX	N - Offset: XX.XXX
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 Tasks (Esc to Return)

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

Task Number	Advanced SDI-12 Task #			
	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	|SDI-12	|SDI-12	|SDI-12	... SDI-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

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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 >

Remote Display (Esc to Return)

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

Enter Option >

H2191 Voice Modem (Esc to Return)

- M - Modem Type: (Newer) H2191
- V - Voice Modem: Off
- R - Update Rate: HH:MM:SS
- Column # | [1] | [2] | [3][10]

- S Source: | None | None |
- Reserved: | None | None |
- Reserved: | None | None |
- Reserved: | None | None |
- Reserved: | None | None |

-> Next
<- - Previous

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. Years 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 >

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 >

* GOES Radio Type: Can be one of 5 Choices

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	|100.000	....
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: 20.000
- L - Minimum Level: 4.00 0

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 ... A110
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

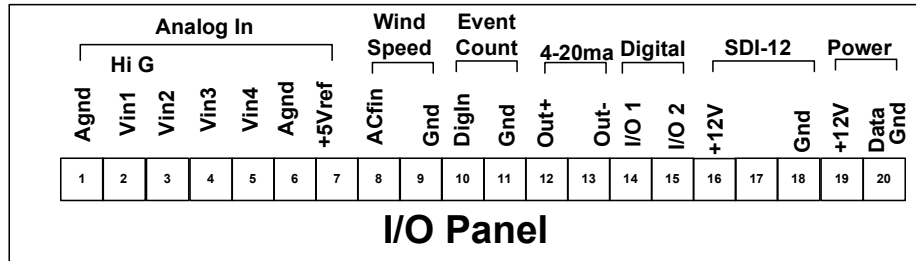
- M - Mode: Off
- A - Address: 1
- B - Baud Rate: 19200
- P - Parity: Even
- L - Low Power Timeout: 30

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H-350 XL Main Menu
V - View Status
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O - Output Options
S - Scan Options
C - Configure System
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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 >

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
C - Data Card Type: USB
Atmel SW Version: 1.09
L - Update Atmel SW:
Enter Option >

Sensor Mode Setup (Esc to Return)
SDI-12 Sensor Mode Status: Enabled
A - SDI-12 Address: 0
T - Total Measurement Time: 8
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 >

Accessory Setup (Esc to Return)
P - H355 Gas Purge Setup
A - H3553 Gas Purge Setup
L - Look for H3553 Systems
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 >

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 >

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 >

Configuration Files Menu (Esc to Return)
C - Create CFG File In Memory
S - Setup From CFG File In Memory
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 Logger Time Now
F - Force [Radio*] Radio To Sync?
Enter Option >

H3553 Gas Purge Stage Sensor Setup (Esc to Return)
Stage Settings
S - Stage: X.XXXX
L - Slope: X.XXXX
O - Offset: X.XXXX
A - Avg Time: 0
Bubbler Settings
Tank Pressure: X.XXX PSI
Line Pressure: X.XXX PSI
B - Bubble Rate: XXX Per Minute
P - Purge Pressure: XXX PSI <xx.xx feet>
D - Purge Sustain: 0 Seconds
T - Timed Purge: XXX Days
M - Manual Purge:
U - Update All Values
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 >

* GOES Radio Type: Can be one of 5 Choices

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 >