

# XL SERIES PC MENU TREE

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**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 >

**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	X.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

Serial #: S#XXXXXX  
Version: 2.10  
Checksum:

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

**Stage, Temperature Setup (Esc to Return)**

S - Stage: X.XXX  
O - Offset: 0.00  
U - Units: Feet  
A - Averaging Time: 1 Seconds

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

R - Remote Stage: X.XX  
1 - Source: None  
2 - Offset: 0.00  
3 - Slope: 1.00

M - Measure  
Enter Option >

**Sensor Input Options (Esc to Return)**

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

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  
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: Off  
W - Rate Win Size: 15  
D - Debounce Time: 5 mS  
R - Reset Counters

Frequency: X.XX  
F - Freq Slope: 1.00  
O - Freq Offset: 0.00  
Enter Option >

**Digital I/O Setup (Esc to Return)**

Digital I/O #1: 1  
A - I/O Mode: Digital Input  
B - Trigger When: IF (Stage>10.5,1,0)  
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 - Encode Out Source: None  
V - Encoder Value: X.XXXX  
S - Encoder Slope: 0.01  
Enter Option >

**Data Options (Esc to Return)**

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

C - Copy Data To Card  
T - Transmit Data  
N - Transmit New Data  
E - Erase Data Card  
I - Erase Internal Data  
F - Erase Individual Files  
D - Directory Of Files  
V - View End Of Data Files  
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: 1.00	I - Slope: 1.00	M - Slope: 1.00
B - Offset: 0.00	F - Offset: 0.00	J - Offset: 0.00	N - Offset: 0.00
C - Samples: 2000	G - Samples: 2000	K - Samples: 2000	O - Samples: 2000
D - Range: 5.0 V	H - Range: 5.0 V	L - Range: 5.0 V	P - Range: 5.0 V
X - Diff. Mode : XXX			

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  
D - Data Retrieval  
S - Send Extended  
E - Edit Extended: 0  
F - Full Screen Transparent/Monitor Mode  
L - Look for Sensors  
Enter Option >

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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 >

**Voice Modem (Esc to Return)**

- V - Voice Modem: Off
- 0 - Source 0: None
- 9 - Source 9: None

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
- N - Next Scan At: HH:MM:SS
- F - Start New File:

Enter Options >

**Logging Options (Esc to Return)**

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

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 . . . .	
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 . .

..

-> - Next  
-<- - Previous

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	. . . .

-> - Next  
-<- - Previous

Enter Option >

**GOES Radio Type (Esc to Return)**

- T - Radio Type: SE-1200
- G - Goto Main GOES Menu

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
- G - Reset GOES Options to Default Values

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: Yes
- 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: 0
- T - Transmit Options
- V - View XL Buffer Data

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

Enter Option >

**RR Transmit Options (Esc to Return)**

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

-> - Next  
-<- - Previous

Enter Option >

**ALERT Radio Setup (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	0.00	. . . .
D - Data Function:	NOW	. . . .
T - Timed Txd Mode:	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 >

**4 to 20 MilliAmp Output Options (Esc to Return)**

- Present 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:	1.00	. . . .
R - Reset Point:	0.00	. . . .
I - I D Tag:	AI1 AI2	. . . AI10
B - Site Number:	0	. . . .
C - Connection:	Direct	. . . .
P - Phone #/ Address:	N/A	. . . .
Active Tries	No / 0	. . . .
F - Force Transmission		

--> Next  
-<- - Previous

Enter Option >

**Mod Bus 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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Version 2.12

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**H-350 XL Main Menu**  
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 Enter Option >

**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: #  
 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 - Switvhed Excitation On: Always  
 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 >

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

**Configuration Files Menu (Esc to Return)**  
 C - Create CFG File  
 S - Setup From CFG File  
 Enter Option >

**Port Setup (Esc to Return)**  
 B - Baud Rate, Com1: 9600  
 Com2: 9600  
 Com3: 9600  
 S - StartUp Mode, Com1: Menu Mode  
 Com2: Menu Mode  
 Com3: Menu Mode  
 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 >

**Time Sync Options (Esc to Return)**  
 Last Sync On: XX/XX  
 T - Time: HH:MM:SS  
 D - Date: DD/MM/YY  
 S - Sync: Sync Disabled  
 N - Sync Time Now  
 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 >

**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 (92.26 feet)  
 D - Purge Duration: 45 Seconds  
 S - Timed Purge: 0 Days  
 A - Auto Purge: Off  
 T - Purge Threshold: 60 PSI (138.4 feet)  
 M - Manual Purge  
 N - Number of Purges: XXX  
 U - Update All 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:	DISPLAY4	X.XXX
2 - Test XL-Basic2:		
5 - Test XL-Basic5:		X.XXX

S - Single Step Mode: Disabled  
 Enter Option >

