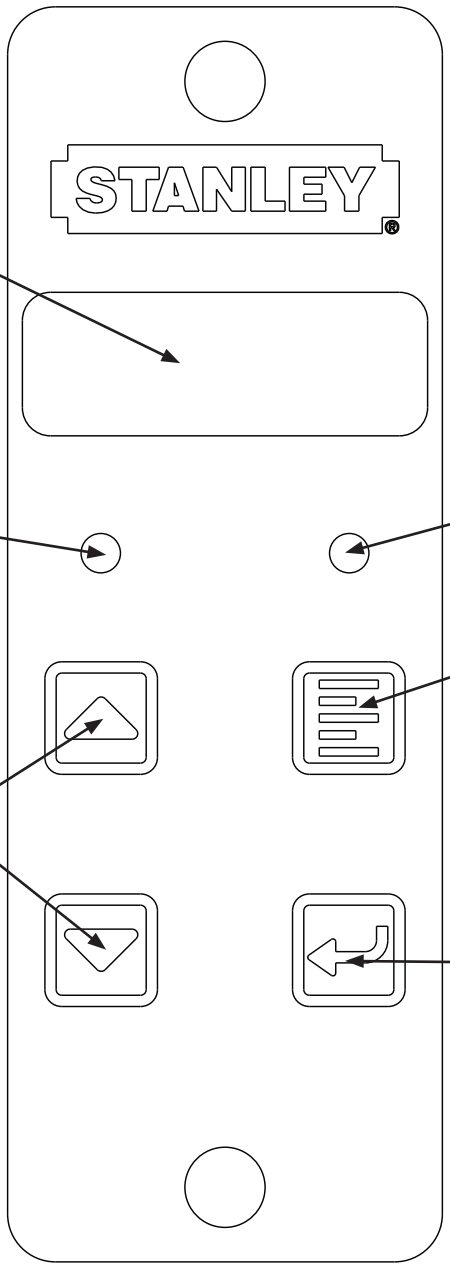
STANLEY
Access Technologies

ECO Pro™
Quick Start and Advanced Owner's Manual
204081
Rev. A 04/03/2012

Quick Start Owner's Manual

Refer to the complete ECO Pro Advanced Owner's Manual for additional device capabilities and options.



The **LCD HOME SCREEN** displays the operating mode, alerts, instructions to correct alerts, and service contact information as necessary.

A flashing **RED LIGHT** indicates the door is not functioning properly.

A steady **GREEN LIGHT** indicates the door is functioning properly.

Press **MENU*** to return to previous screen. Use **MENU** to access additional capabilities and options.

* **MUST BE HELD FOR 2 SECONDS TO ACTIVATE.**

Use **UP** or **DOWN ARROW** keys to select desired operating mode.

To correct alerts, press **SELECT** and advance through the suggested instructions. *When complete, look for the steady GREEN LIGHT and for the LCD HOME SCREEN to return to desired operating mode.*

Cut to separate from Advanced Owner's Manual, if desired.

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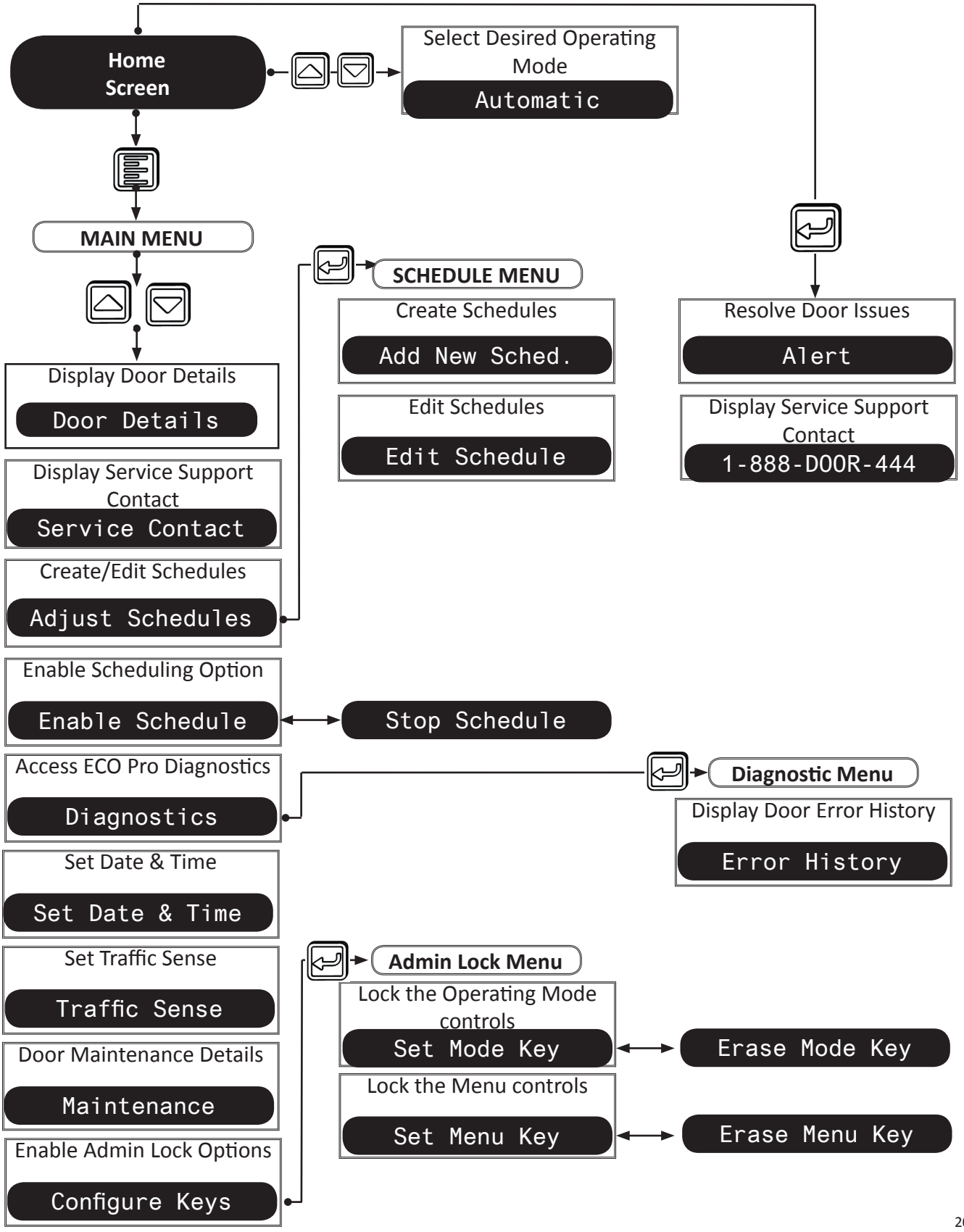
Advanced Owner's Manual Function Tree

Note:

1. **Press the Menu key to return to the previous screen.**
2. **After a time delay, ECO Pro will automatically return to Home Screen.**



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Advanced Owner's Manual

Refer to the *Quick* Start Owner's Manual for basic operation of ECO Pro™

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RECORD KEYS HERE (see Section 8)

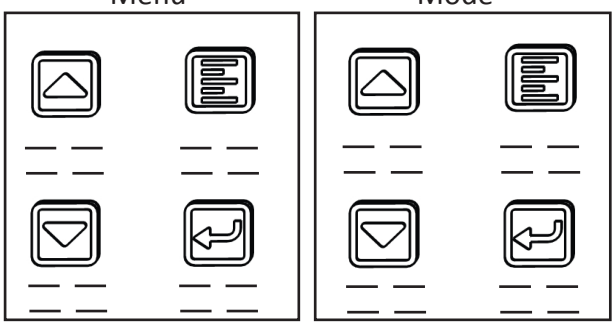
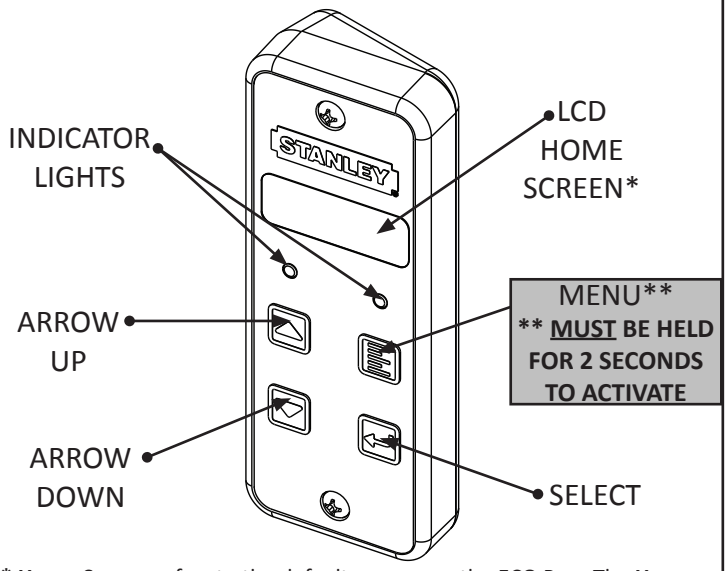


Figure 2. ECO Pro Reference

The ECO Pro device consists of four buttons for control, menu navigation and selection, and one LCD screen with corresponding green and red lights for status monitoring and instruction.

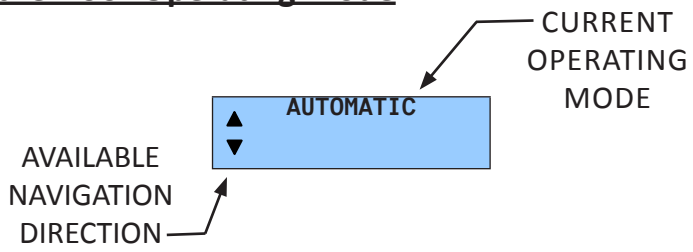


* **Home Screen** refers to the default screen on the ECO Pro. The **Home Screen** gives the operating mode and status of the door.

1. How to Select the Door Operating Mode

ECO Pro is designed to display the door's current operating mode. Use the arrow keys to change the operating mode.

Note:
If schedules are enabled, the Home Screen will cycle the date & time and door operating mode.



Function	Screen Reads	*About*	Step 1
Door Operating Mode	Automatic	*Doors are set for two-way entrance and egress*	**Arrow to desired operating mode**
	Hold Open	*Doors are held fully open for operator-specified time*	**(same as above)**
	Closed Locked	*Doors are in the fully closed and locked position*	**(same as above)**
	Oneway^	*Door allows only one-way traffic mode*	**(same as above)**
	Reduced^^	*Doors open to a narrow width for automatic, two-way traffic mode*	**(same as above)**
	Reduced Oneway^^	*Doors open to a narrow width for one-way traffic mode*	**(same as above)**

^4 or 6 Position Switch Only, ^^6 Position Switch Only

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2. How to Set the Date & Time

Function	Step 1	Step 2	Step 3	Step 4
Set Date & Time	From the Home Screen press MENU button	Arrow to "Set Date & Time" and press SELECT	Follow prompts on the LCD Screen	Press SELECT to complete

3. How to Create and Edit Schedules and Enable Scheduling Option

Program the operating mode of the door with ECO Pro scheduling.
Set a day of the week and time of day to initiate the desired operating mode of the door.

Note:

1. **Ensure all days of the week and times of day have assigned operating modes.**
2. **In the event of overlap, ECO Pro will recognize the most recent operating mode assignment.**

Function	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	*Note*
Create Operating Mode Schedules	From the Home Screen press MENU button and ARROW to "Adjust Schedule" Press SELECT	SELECT "Add New Sched"	Use the SELECT button to advance through the days ARROW UP or DOWN to delete or keep the day Visible days of the week are included in the schedule	After advancing through the days of the week, press SELECT	Set the start time for schedule. ARROW UP or DOWN to change the hour and press SELECT Repeat for the minutes Press SELECT	ARROW UP or DOWN to choose the operating mode Press SELECT 2X to return to "Adjust Schedule" menu	*Repeat to create additional operating mode schedules*
Edit/View Operating Mode Schedules	From the Home Screen, press MENU button and ARROW to "Adjust Schedule" Press SELECT	SELECT "Edit Schedule"	Use the SELECT button to advance through the days ARROW UP or DOWN to delete or keep the day Visible days of the week are included in the schedule	After advancing through the days of the week, press SELECT	Set the start time for schedule. ARROW UP or DOWN to change the hour and press SELECT Repeat for the minutes Press SELECT	ARROW UP or DOWN to choose the operating mode Press SELECT 2X to return to "Adjust Schedule" menu	*Repeat to edit additional operating mode schedules*
Enable all Scheduling	From the Home Screen, press MENU button	SELECT "Enable Schedule"	See "Schedule Enabled"				*Look for automated minute hand icon at the top right of the LCD Screen* *This indicates the scheduling option is enabled.*
Stop all Scheduling	From Home Screen, press MENU button	SELECT "Stop Schedule"	See "Schedule Stopped"				*Automated minute hand icon will no longer appear at the top right of the LCD Screen*
Delete/ Edit Existing Operating Mode Schedules	From Home Screen, press MENU button	SELECT "Adjust Schedules"	SELECT "Edit Schedules"	Select "Next"to advance to the next schedule (if more than one) or "Prev" to return to the previous schedule Select "Edit" to Edit currently visible schedule. Follow "Edit/ View Operating Mode Schedules"instructions beginning with Step 3, above. Select "Del" to delete currently visible schedule Select "Done" to return to Home Screen			*After a time delay, ECO Pro will automatically return to Home Screen*

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4. How to Resolve Door Issues

ECO Pro displays "Alert" when the door is not functioning properly. This is most commonly associated with an operating impairment such as a breakout, obstruction, or a sensor holding the door open. However, the door function could be something more serious and may require a service call. The ECO Pro diagnostics function is designed to help troubleshoot the impairment and determine if a service call may be necessary.

Note:

When an issue is detected, the ECO Pro will flash a red light, the screen will read the current operating mode, and the word "Alert" will appear.

Screen Reads	Step 1	Step 2	Step 3
("*Door Operating Mode*") Alert	**Press SELECT and advance through suggested instructions**	**Allow door to cycle**	**Look for the steady GREEN LIGHT and for the LCD SCREEN to return to desired operating mode**

Potential Alerts: Breakout, Sensor Error, Door Held Open, Obstruction

For more detailed information on the door sytem, refer to applicable Stanley Access Technologies Owner's Manual.

REMINDER:

If the issue is not resolvable by on site staff, call your local service technician or **Stanley Access Technologies at 1-888-DOOR-444.**

5. How to Display Door Error History

If the door system experienced any errors, ECO Pro diagnostics will retrieve the last known errors, including date and number of occurrences.

Note:

A more detailed software-derived diagnosis will be available to a service technician.

Function	Step 1	Step 2	Step 3	Step 4	*Note*
Display Door Error History	**From Home Screen, press MENU button and SELECT "Diagnostics"**	**SELECT "Error History" and your ECO Pro will retrieve the last errors, and date of last errors**	**Press SELECT to advance through date & time of error, type of error and number of occurrences**	**Press MENU button twice or after a time delay, ECO Pro will automatically return to Home Screen**	*Cycle through the entire door error history until no more errors are displayed*

6. How to Display Door and Maintenance Details and Service Support Contact Info

Function	*About*	Step 1	Step 2	Step 3	Step 4	Step 5
Display Door Details	*Displays the Door ID number & number of complete door cycles*	**From Home Screen, press MENU button**	**SELECT "Door Details"**	**See "Door ID" and Number of Cycles**	**Press MENU button or after a time delay, ECO Pro will automatically return to Home Screen**	
Display Service Support Contact	*ECO Pro displays a service contact telephone number*	**From the Home Screen, press MENU button**	**SELECT "Service Contact"**	**LCD Screen will display: 1-888-DOOR-444**	**Press MENU button or after a time delay, ECO Pro will automatically return to Home Screen**	
Door Maintenance Details	*Displays the installed on and last service dates*	**From the Home Screen, press MENU button**	**SELECT "Maintenance"**	**LCD Screen will display "Installed on" date** **Press SELECT**	**LCD Screen will display "Last Service on" date**	**Press MENU button or after a time delay, ECO Pro will automatically return to Home Screen**

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7. How to Set Traffic Sense Option

If Traffic Sense is enabled, ECO Pro works with your door system sensors to adjust the door opening. Only a service technician enables traffic sense. Choose the setting by following the steps, below.

Note:

1. **The default setting for Traffic Sense is "OFF."**
2. **ECO Pro will not adjust the door opening unless the door operating mode is set to "Reduced."**

Function	Step 1	Step 2	Step 3	Step 4	*Note*
Traffic Sense Setting	**From Home Screen, press MENU button**	**SELECT "Traffic Sense"**	**Arrow to desired traffic sense setting: Off, Low, Medium, High *(see reference chart, below)* Press SELECT**	**Press MENU button or after a time delay, ECO Pro will automatically return to Home Screen**	*Reminder:* *To use Traffic Sense, ensure the door operating mode is set to "Reduced"*

Setting	Description	Ideal For
LOW	Door system automatically changes from "Reduced" to "Automatic" when the traffic level INCREASES over a LOW level of traffic. It will automatically return to "Reduced" when traffic returns to a LOW level of traffic.	*This setting is ideal for low-traffic locations.*
HIGH	Door system automatically changes from "Reduced" to "Automatic" when the traffic level INCREASES to a HIGH level of traffic. It will automatically return to "Reduced" when traffic returns to below a HIGH level of traffic.	*This setting is ideal for high-traffic locations.*

8. How to Lock the Menu Controls and Operating Mode Controls

Create 4-button key sequences to lock and unlock the "Menu" and "Mode" controls.

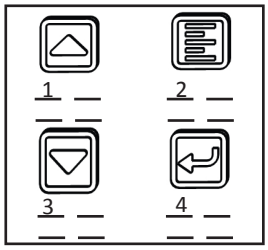
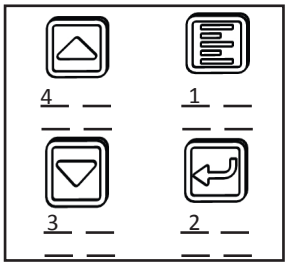
Lock the "Menu" Controls to secure schedules and scheduling options, date & time, and key configuration. Use the "Menu Key" to unlock the "Menu" Controls.

Lock the Operating "Mode" Controls to secure the operating mode. Unlock the Operating "Mode" Control with the "Mode Key."

Note:

1. For security purposes, only a Stanley Service Technician can re-set the Menu and Mode keys in the event of lost and/or forgotten key sequence.

2. The ▲▼ icons will no longer appear when the ECO Pro is locked.

Function	Step 1	Step 2	Step 3	Step 4	*Note*
Lock the Menu controls	**From the Home Screen, ARROW to "Configure Keys" Press SELECT**	**SELECT "Set Menu Key"**	**Using any of the four buttons on the ECO Pro, create a 4-button key sequence EX: ARROW UP (1), MENU (2), ARROW DOWN (3), SELECT (4)**	**See "Menu Key Saved" on the LCD Screen. *Record Key on page 2 of this guide. EX:*** 	*1. Non-authorized users are still able to use the ARROW UP and DOWN buttons* *2. Do not press any more buttons and let the controller reach "sleep mode." After "sleep mode" is reached, locked Menu and/or Mode button sequence has begun.*
Lock the Operating Mode controls	**From the Home Screen, ARROW to "Configure Keys" Press SELECT**	**SELECT "Set Mode Key"**	**Using any of the four buttons on the ECO Pro, create a 4-button key sequence EX: MENU (1), SELECT (2), ARROW DOWN (3), ARROW UP (4)**	**See "Mode Key Saved" on the LCD Screen. *Record Key on page 2 of this guide. EX:*** 	*1. If the Menu function is locked, the 4-button Menu key sequence is needed to set the Mode lock* *2. Do not press any more buttons and let the controller reach "sleep mode." After "sleep mode" is reached, the locked Menu and/or Mode button sequence has begun.*
Delete and Edit Menu and/or Mode Keys	**From the Home Screen, ARROW to "Configure Keys" Press SELECT**	**SELECT "Erase Mode Key" and/ or "Erase Menu Key"**	**See "Mode Key Erased" and/or "Menu Key Erased"**	**To Edit Menu Key: Follow "Lock the Menu controls" instructions, above To Edit Mode Key: Follow "Lock the Operating Mode controls" instructions, above**	*1. To edit Menu and or Mode Keys, the original key sequence must first be Deleted ("Erased")* *2. After a time delay, ECO Pro will automatically return to Home Screen*

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