






Last Error List

S Series: S-TRc, S-TRx & S-TR

S Series treadmills have the ability to store information for the last five error codes that have occurred on the unit. The information is stored in the Last Error List (LEL) in the Maintenance Mode. This information is critical for effective troubleshooting on the S Series treadmills.



Access the Last Error List


To enter the Maintenance Mode, press and hold, ,  and .

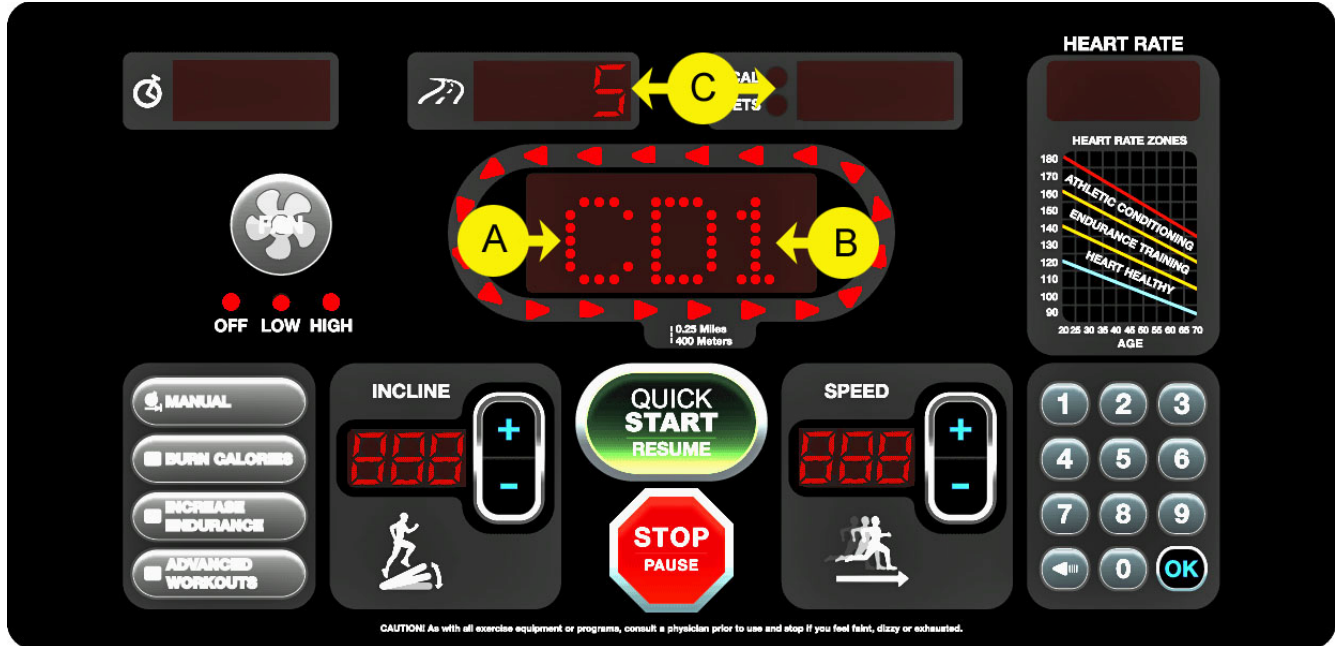
Press  (incline down) until the display reads "LEL". Press .

Last Error List Sets

There are five sets of information for the last five error codes that have occurred.

Press numbers  to access the first set. Use  to access the other sets.

Use the  (speed up and down) to scroll through the information on each set.



- A. The name of the data being displayed. Example “CD”.
- B. The set number.
- C. The details of the data.

The example of the image above shows “CD1” that had an error number 5.

Set Information

Set information lists the details about specific conditions when an error code occurs.

- CD** –The error code that occurred and is represented by a number. Reference the LAST CODE chart to find the last code.
- EL** - The percentage that the elevation was commanded to be at the time the error code occurred.
- EP** – The incline number, from the elevation sensor, at the time of the error code.
- SS** – The speed that the unit was commanded to be at the time of the error code.
- PW** –The power output of the MCB (measured in PWM's) at the time of the error code.
- MS** – The speed that the RPM sensor registered at the time of the error code.
- TM** – The time (in seconds) into the program when the error occurred.
- DF** – The Drive Fault Record from the MCB (if applicable) which caused the error code.
- PR** – The program that the machine was running when the error occurred. Reference the LAST PRGM chart.
- EC** – This numbers is used to determine which the most recent code is. The highest number is the most recent error.
- OH**- The number of hours accumulated on the treadmill at the time of the error code.
- OD** – The number of miles/kilometers accumulated on the treadmill at the time of the error code.



Troubleshooting

Use the following worksheet to write down the Last Error List information. If you are not sure what the information means, contact Star Trac Customer Services.

SN:				Date:	
	(1)	(2)	(3)	(4)	(5)
CD					
EL					
EP					
SS					
PW					
MS					
TM					
DF					
PR					
EC					
OH					
OD					

LAST CODE Index	
1	Speed Change
2	Actual speed is higher than commanded speed
3	Actual speed is lower than commanded speed
4	Elevation is out of range
5	Elevation stall
6	Speed is commanded but no movement detected
7	Sensor pulses are too close together (misaligned sensor)
8	Speed cannot be contained within range limit over period of time
9	NA
10	NA
11	NA
12	NA
13	NA
14	NA
15	Key is stuck
16	Speed ramp calculation error.
17	NA
18	Motor error code is received
19	No rail stop
0	No error