

T101-08 Error code	Status description	Basis for judgment	Possible causes	Disposition	Eliminate error prompts	Possible fix
E1	There is no RPM signal feedback	During the exercise, at low speed (<1mph), the RPM signal cannot be detected for 5s; At high speed (>=1mph), the RPM signal cannot be detected for 2s	The RPM return line is in poor contact or damaged	The console displays E1 and the running belt stops or no movement	When the instrument is powered off or the safety switch is unplugged, the instrument can be reset	1.) if no belt movement when starting workout: a.) Check console cables and its connection at the UCB and MCB, if good replace UCB b.) replace motor 2.) if belt moves for 5 sec and stop: a.) check speed sensor position and connection at MCB. b.) Check console cables and its connection at the UCB and MCB c.) Replace sensor, cables, UCB and/or MCB 3.) if belt stop after few minutes: a.) Check console cables and its connection at the UCB and MCB b.) high friction. Replace belt and deck
E2	Speed down	Under the metric system: after the PWM is stable during exercise, it will be detected every 200ms, and the actual speed value of the running belt will be detected for 900 consecutive times (3 minutes) to be lower than the ideal speed value corresponding to the current PWM by 3.2kph; Under the imperial system: After the PWM is stable during exercise, it will be detected every 200ms, and the actual speed value of the running belt will be detected for 900 consecutive times (3 minutes) to be lower than the ideal speed value corresponding to the current PWM by 2.0mph	The load is too large	The console displays E2, the lifting is reset to zero, and the running belt stops slowly	No operation is required, and the error message is eliminated when the running belt comes to a complete stop	The unit is not getting enough power. Ensure that the unit is on a dedicated outlet
Eb	Burst	Under the metric system: during the exercise, it is detected every 200ms, and the actual speed value of the running belt is detected for 5 consecutive times (1s) exceeding the ideal speed value of 5.6KPH corresponding to the current PWM Under the imperial system: During the exercise, it is detected every 200ms, and the actual speed value of the running belt is detected for 5 consecutive times (1s) to exceed the ideal speed value corresponding to the current PWM by 3.5mph	The motor power device is damaged or the motor accelerates too fast	The console displays Eb, the lifting is reset to zero, and the running belt stops slowly	No operation is required, and the error message is eliminated when the running belt comes to a complete stop	1.) If Eb occurs when the unit is at a high incline: a.) use the unit at lower incline until friction build up. b.) Replace front roller and belt.

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CxDx	Stuck key	After powering on, before starting the exercise, it is detected that a certain button is continuously pressed within 20s	The keys are damaged or the keys are stuck	The console displays CxDx and cannot start the exercise	Release the button and the error message will be eliminated	Replace keypads. See the Stuck Key Error Codes troubleshooting guide
E7	No incline feedback	When controlling the lifting action, there is no Count change feedback, and the time exceeds 0.5S	*The lifting motor is not connected, * The temperature of the lifting motor is too high, resulting in automatic motor protection, *The count feedback path is damaged *The zeroing switch is damaged, causing the lifting motor to be stuck at the lowest point because it cannot find the zeroing point * Stuck at the highest point	The console displays E7, and the running belt stops slowly,	No operation is required, and the error message is eliminated when the running belt comes to a complete stop	Check console cables for damage. If undamaged and securely connected, replace MCB and incline motor. If issue persists, replace console cables and UCB.
E21	A non-required value is received	The meter is not controlled, but there is count change feedback, and the time is more than 1S	Lifting relay bonding	*When the count change is detected after powering on, console displays Exx, and the workout cannot be started; * During exercise, the meter shows E21, the running belt stops slowly, and the workout cannot be started	Power back on and test again	Check the incline motor connection at the MCB. Replace incline motor if needed
E22	Non-return-to-zero signal	The lifting motor cannot find the zero return point: after the instrument sends out the Down signal, it does not receive the zero signal for more than 0.1S after the change from count to no count	The lift motor is not connected *The micro switch is damaged, resulting in an open circuit at the zero point of lifting	The console displays E22, the running belt stops slowly, and the workout cannot be started	Power back on and clear the error message	Check the incline motor connection at the MCB. Replace incline motor and MCB if needed
E4	The zeroing signal is always there	After receiving the zeroing signal and sending an UP signal, the zeroing signal is continuously detected even after the count exceeds 200	The micro switch is damaged Incline is stuck at the lowest point	The console displays E4, and the running belt stops slowly.	No operation is required, and the error message is eliminated when the running belt comes to a complete stop	Check the incline motor connection at the MCB. Replace incline motor and MCB if needed