

KLJ5315 Operation Guide



I. WINDOW DISPLAY:

1. **"TIME/STEP" window:** When displaying the exercise time, the forward timing starts from 0 to 18:00 hours. The countdown decreases from the set time to zero. When it counts down to 0:00, the machine slows down smoothly and stops running, displaying "End". After completely stopping, it enters standby mode 5 seconds later. When displaying the current number of exercise steps, the forward count starts from 0-9999. The reverse count decreases from the set value to zero. When it counts down to 0, the machine slows down smoothly and stops running, displaying "End". After completely stopping, it enters standby mode 5 seconds later.
2. **"HEIGHT/PROG" window:** Displays the motion height. The forward count ranges from 0 to 999 meters, while the reverse count decreases from the set value to zero. When the countdown reaches 0, the machine slows down smoothly and stops running, displaying "End". After completely stopping, it enters standby mode 5 seconds later. Displays the program number, indicating the current program number when in program mode.

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3. **"CALORIES" window:** Displays the calorie consumption value. When counting forward, it ranges from 0 to 999. When counting backward, it counts down from the set value to 0. When it reaches 0, the machine slows down smoothly and stops running, displaying "End". After completely stopping, it enters standby mode 5 seconds later.
4. **"GEAR" window:** Displays gear in operation, with a display range of 1-25 gears.
5. **"PLUS E" window:** Displays the heart rate of the athlete, with a display range of 50-200 beats per minute. (This data is for reference only and cannot be used as medical data.)
6. **"STEP FREQUENCY" window:** Displays the machine speed and running speed, with a display range of 0-999.
7. **"DOT MATRIX" window:** Program mode displays program graphics, while other modes display corridors.

II. KEY FUNCTION:

1. **"Manual/Program/Time/Height/Calories/Steps" button:** The program can quickly switch between fixed programs. Time can quickly activate the countdown mode. The height can quickly activate the height countdown mode. Calories can quickly activate the calorie countdown mode. The step count can quickly activate the step count countdown mode. During this period, parameters can be quickly set through the "Settings+/-" function.
2. **"Start" button:** When the power is turned on and the safety lock is engaged, press this button at any time to start the operation of the machine. Press this key during operation to temporarily shut down the machine.

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3. **"Stop" button:** During the movement, this button can be used to stop the operation of the machine and reset it to zero.
4. **"Gear+" and "Gear-" keys:** In standby mode, used to adjust the set value. After startup, it is used to adjust the gear, with an adjustment amplitude of 1 each time. When held down for more than 0.5 seconds, it automatically increases or decreases continuously.
5. **"Gear: 1, 4, 7, 10, 13, 16, 19, 22, 25" keys:** For quick gear setting.
6. **"3x4" keypad (hereinafter referred to as "Keypad"):**
In the running or setting state, pressing the numeric keys on the keypad can quickly set parameter values, and the clear key clears the input. The confirm key sets the parameter to the input value. If it exceeds the set range, it will automatically set to the maximum or minimum value.

III. QUICK START (MANUAL MODE):

1. Turn on the power switch and correctly engage the safety lock.
2. Press the 'start button', the system enters a 3-second countdown, the buzzer sounds, and the dot matrix window displays the countdown count. After the 3-second countdown is completed, the machine starts running at the speed of gear 1.
3. After startup, you can use the "gear+" and "gear -" keys as needed to adjust the speed of the machine's operation.

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IV. OPERATIONS DURING EXERCISE:

1. Pressing the "gear+" button will increase the operating speed of the machine.
2. Pressing the "gear -" button will reduce the operating speed of the machine.
3. Press the "small keyboard" key to quickly set the machine speed.
4. Pressing the stop button will slow down the machine to stop running.
5. Pressing the start button will slow down the machine to pause operation.

V. MANUAL MODE:

1. In standby mode, press the "start" button directly, and the machine will start running in gear 1; Other windows start counting forward from 0, press the "gear+-" key to change the gear speed.
2. In non operating mode, pressing the "Manual/Program/Time/Height/Calories/Steps" button can quickly switch modes. After switching modes (excluding manual mode), relevant parameter values can be set by setting the "Parameter+-" button.
3. After setting the mode, select one of the settings and press the start button. The machine will start running after a delay of 3 seconds. Press the "gear+-" button to adjust the gear; Press the stop button to stop the machine from running.

VI. OPERATION MODE:

1. In standby mode, simply press the "start" button, and the machine will start running at speed 1. Other windows start counting forward from 0, press and hold the "gear+-" and "keypad" keys to change the gear speed.
2. Press the "Time" key to enter the countdown mode, and the "Time" window will display "10:00" and flash. The countdown dot matrix window will display "TC". Use the "Gear+-", "Parameters+-", and "Keypad" keys to set the movement time within the range of 05:00 to 99:00.
3. Press the "Height" key to enter the height countdown mode, and the "alt" window will display "10" and flash. Enter the height countdown dot matrix window, which will display "AC". Press the "Gear+-", "Parameters+-", and "Keypad" keys to set the movement height, with a height setting range of 1-999.
4. Press the "Calories" button to enter the calorie countdown mode, and the "cal" window will display "50" and flash. Enter the calorie countdown dot matrix window and it will display "CC". Press the "gear+-", "parameters+-", and "keypad" keys to set the calorie, with a calorie setting range of 10-990.
5. Press the "Step Count" button to enter the step count countdown mode. The "Step" window displays "50" and flashes, and the step count countdown dot matrix window displays "SC". Press the "gear+-", "parameter+-", and "small keyboard" keys to set the number of steps, with a step setting range of 10-9990.
6. After selecting one of the five countdown modes and setting it, press the start button. The machine will start running after a delay of 3 seconds. You can change the current running gear or stop the machine by controlling the button.

VII. BUILT IN PROGRAM:

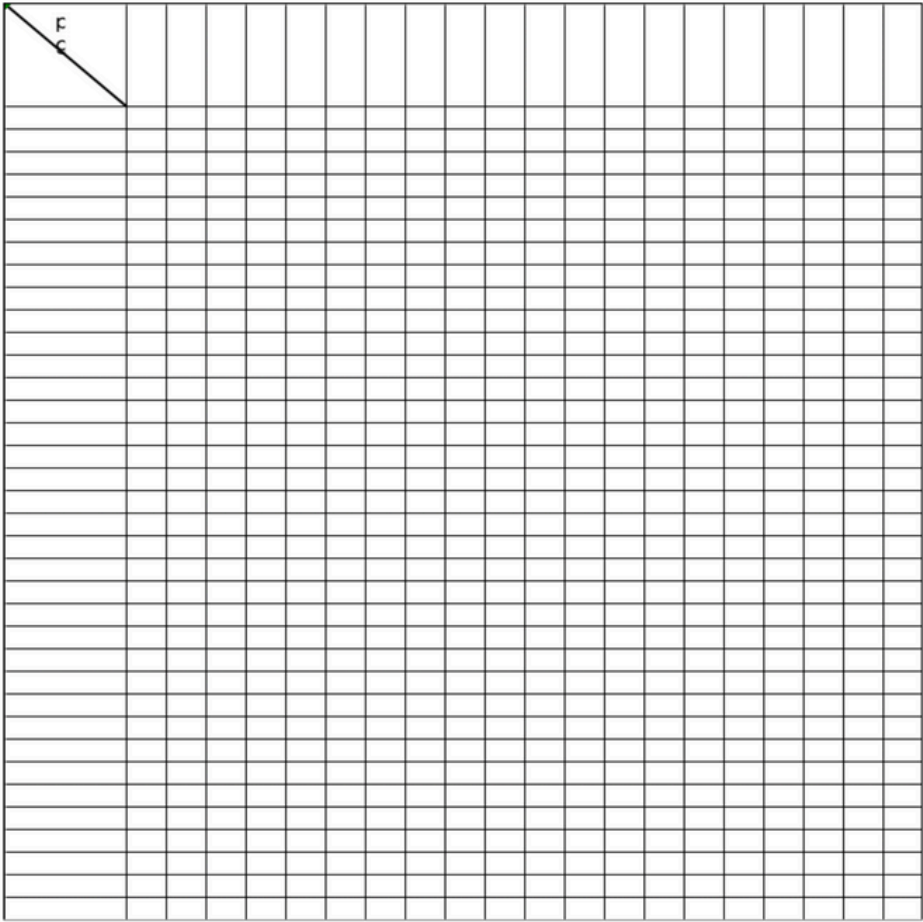
There are a total of 36 built-in programs P01-P36 in this system. When not running, pressing the "Program" button will display the program window "P01-P36". After selecting your favorite program, the "TIME" window will flash at the same time; Display the preset time of 10:00, press "gear+-", "parameters+-", and "keypad" to set the desired exercise time, and then press the "start" button to start the built-in program. The built-in program is divided into 20 segments, and each segment's exercise time is equal to the set time/20. When entering the next stage, the system will sound three "Bi Bi Bi -" prompts, and the speed of the system will change with the program stage. During this time, you can press the "gear+-" and other keys to change the gear speed value. However, when the program enters the next stage, it will return to the speed of that stage. After running a program, the system will sound three "Bi Bi Bi" prompts, and the machine will smoothly slow down and stop running, displaying "End". After 5 seconds of complete stop, it will enter standby mode.

VIII. PROGRAM DESCRIPTION:

Speed represents gear. Each program divides the exercise time into 20 equal parts, with corresponding speeds for each time period.

Program Appendix:

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IX. DISPLAY RANGE OF EACH NUMERICAL VALUE:

SET PARAMETERS	INITIAL	SET INITIAL VALUE	SETTING RANGE	DISPLAY RANGE
Time (minutes: seconds)	00: 00	10: 00	05:00-99:00	00:00—99:59
Gear (gear)	1	1	1-25	1-25
Step count (steps)	0	50	10-9990	0—9999
Height (meters)	0.0	10	1-999	0—999
Heart Rate (times/minute)	P	N/A	N/A	50-200
Calorie (Kilocalories)	0.0	50	10-990	0.0—999
Step Frequency (RPM)	0	N/A	N/A	0—999

X. SAFETY LOCK FUNCTION:

In any state, pulling off the safety lock can urgently stop the operation of the machine. The machine will stop in an emergency, and the "All Windows" will display "--". The buzzer will sound three "BB" alarms; At this time, the machine cannot perform any other operations except for shutting down. After correctly reinstalling the safety lock, the machine enters standby mode again and waits for input commands.

XI. POWER SAVING MODE:

This system has a power-saving function. If there is no button command input within 10 minutes in standby mode, the system enters power-saving mode and automatically turns off the display. Pressing any key can wake up the system again.

XII. MP3/SD/USB/BLUETOOTH MUSIC FUNCTION (OPTIONAL):

When connected to MP3 or other audio devices after power on, the electronic watch can play music. Switch songs by pressing the corresponding button on the board or audio device. Control the volume of the sound by pressing the corresponding buttons or audio devices on the board. Please pay attention to controlling the volume of the sound to avoid affecting the quality of the sound and the built-in audio circuit.

XIII. SHUTDOWN:

At any time, the machine can be turned off by turning off the power switch, which will not damage the machine.

XIV. PRECAUTIONS:

- 1.** Check if the power is loaded before exercising; Check if the safety lock is effective.
- 2.** If there is an abnormal situation during the movement, the safety lock can be pulled off, and the machine will quickly slow down to a stop; Insert the safety lock again, reset the device, and wait for input commands.

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3. If there are any problems with this machine, please contact the dealer. Non professionals are not allowed to disassemble or repair it to avoid equipment damage.
4. During operation, if any object enters the infrared sensing area, the ladder machine will immediately stop. After clearing the blocked foreign object, press any button to clear the alarm interface.

XV. ELECTRIC RUNNING FAULT PHENOMENA AND HANDLING METHODS:

Fault or phenomenon		Possible causes	processing method
The machine has no display		A is not plugged in or has no power supply The	Connect the power cord to AC or check the AC socket
		B power switch is not turned on	Place the power switch in the ON
		C drive has no power supply or is damaged	Press the overload protector again, or replace the driver
		D electronic watch signal line open	Replace the signal cable and
		E electronic watch damaged	Replace the electronic watch
The machine display is incomplete and lacks strokes		A Display driver IC virtual soldering or continuous soldering	Repair is required, check the welding points, and re weld them in
		B display driver IC malfunction	Need repair, solder a new display
Electro n i c watch display	---OR---	A safety lock has come loose	Place the safety lock in the suction or card insertion position on the
		The emergency stop switch of controller B has come off	Pull or rotate the emergency stop switch to the correct position
		C Magnetron not engaged (if any)	Magnetron installed in the correct
	E80- Communication failure (driver not receiving electronic meter signal); E02- Communication failure (electronic meter not receiving driver signal)	A The signal wire of the electronic watch is not properly connected or has poor contact	Reconnect the cable
		B The signal wire of the electronic watch is damaged, with short circuit or open circuit	Replace the signal line
		C electronic watch signal circuit	Replace the electronic watch
		D driver signal line fault	Replace the drive
	E08- Infrared fault in the lower control	A The infrared detection at the tail end of the machine is	Remove obstructed foreign objects
		B Infrared sensor malfunction	Replace the sensor
		C controller malfunction	Replace the controller
	E48- No speed sensing signal (with speed sensing driver)	A The speed signal line is not properly connected, or the	Reconnect the speed signal cable or replace the sensor
		B Poor sensing circuit of the	Replace the drive

XV. HEIGHT, FLOOR, CALORIE CALCULATION:

Metric system: 8 steps per meter, 2.5 meters per floor, 6 steps per card.



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