

DK-4500 MANUAL

POCKET COUNTER

Instruction Manual

DK-4500

Thank you for purchasing our Pocket Counter DK-4500. Please read this instruction manual carefully before using to ensure the correct usage of this device. Please keep this instruction manual for future reference.



Please note that misuse of this device may lead to injury to the user or damage to the device. Please observe all safety precautions and warnings in this instruction manual.

Customer Service



LINE SEIKI CO., LTD.

Address: 37-7 Chuo-cho, 2-Chome
Meguro-ku, Tokyo 152-0001 Japan
Contact : Tel: +81-3-37165151 Fax: +81-3-37104552
E-mail : webtrade@line.co.jp
Web : http://www.lineseiki.com

Safety Precautions

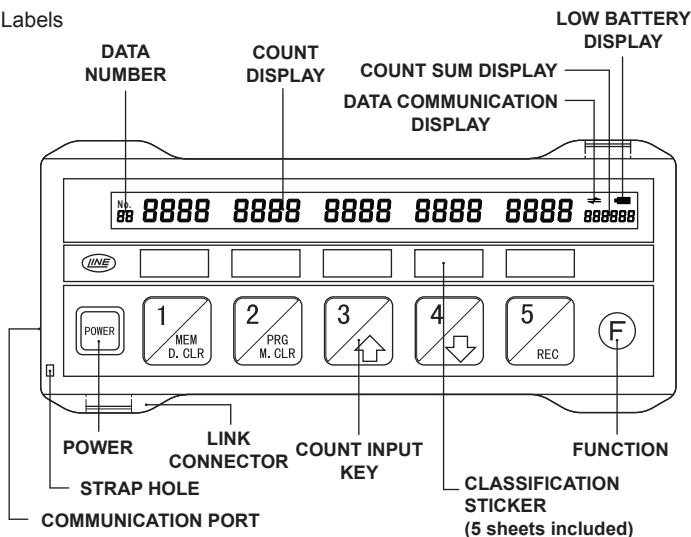
For safe usage of this device, please observe all statements regarding precautions and warnings in this instruction manual.

ATTENTION

Operation

- Do not use this device near machines that emit strong electromagnetic fields or objects that store static electricity.
- Do not drop or subject this device to strong impact.
- Do not use or store this device where it will be exposed to water or in places with wet conditions.
- Do not use or store this device where it can be exposed to direct sunlight, dust, high temperature and high humidity.
- See the battery case markings to ensure that the battery is properly installed.
- Remove the battery when the device will not be used for a long period of time.
- Do not attempt to disassemble or modify this device.
- When using multiple units linked together, please use a tabletop or a flat surface to put the linked units. Do not take it off the tabletop or flat surface during use.
- The unit is shipped with protective seal on the Display and Operating buttons.

1. Labels



2. Specifications

Model	DK-4500
Display	7 Segment LCD (Digit Size: 5mm(H)) Counter (x5), Total Count, Data Number
Digits	Counter: Display 4 digits 0~9999 / Internal 5 digits 0~99999*1 Total Counter: 6 digits 0~999999
Data Records	Max. 99 records
Power Source	AAA Battery x 4 pcs.
Battery Life	200 hours min. (under normal operating temp., using Alkaline type batt.)*2
Communication	RS-232C Serial Interface
Operating Temp./ Humidity	-10°C ~ +50°C / 85%RH max. (non-condensing)
Dimension / Weight	62 (H) x 140 (W) x 21 (D) mm / approx. 130g (batt. included)

*1 Only 4 digits of the counter can be viewed on the display of the unit. To view the 5 digits internal counter value, please use the communication feature of the unit to recall the data.

*2 Battery life may vary depending on the environment, usage or communication function, etc.

3. Battery Replacement

When the symbol on the upper right corner on the display shows, it indicates a low battery condition. Replace the battery soon when this occurs.

When the symbol starts to blink, the unit will soon switch off automatically. When this occurs, the last count value displayed will be recorded automatically.

Warning!!!

Make sure that the counter is switched off before changing the batteries. By not doing so, there is a risk of losing the data in the counter. The instrument cannot measure accurately after low battery indicator is displayed. Please replace the battery immediately.

4. Operation Procedure

Functions

	Power (On/Off) <ul style="list-style-type: none"> • To switch on, press the [Power] key for about 2 sec. • After the counter performs a startup check (all display will show), inputting of counts may begin. <ul style="list-style-type: none"> ❖ The count value display will be "0" only at the first time the counter is switched on, after that, when unit is switched on, the last count value will be displayed. • To count, press [Count Input] keys (1~5). • To switch off, press again the [Power] key for about 2 sec.
	Data Record only <ul style="list-style-type: none"> • This function will record the current count value on the display. The displayed count values will not be changed. <ol style="list-style-type: none"> 1.) To record the current count values, press the [Count Input Key 5] while pressing the [Function] key for 1 sec. 2.) The count value will blink to indicate recording. 3.) After recording, the Data Number will increment by 1. <ul style="list-style-type: none"> ❖ Max. 99 datas can be recorded. If max. data is reached, the oldest data will be overwritten.
	Data Record + Display Clear <ul style="list-style-type: none"> • This function will record the current count values, then clears the display. <ol style="list-style-type: none"> 1.) While depressing the [Function] key, press the [Count Input Key 1] key for 1 sec. 2.) The count value will blink to indicate recording. 3.) After recording, the Data Number will increment by 1, the count value display and count sum display will be reset to "0". <ul style="list-style-type: none"> ❖ Max. 99 datas can be recorded. If max. data is reached, the oldest data will be overwritten.
	Data Record Call <ul style="list-style-type: none"> • This function will recall the recorded data for viewing. <ol style="list-style-type: none"> 1.) To recall the recorded data, press the [Count Input Key 3 (oldest) or 4 (latest)] while pressing the [Function] key. 2.) The Data Number display will blink and the count value of the indicated data number will be displayed. During data record recall, counting is disabled. 3.) To scroll faster through the data numbers, depress the [Count Input Key 3 or 4]. 4.) To exit this function, press again the [Function] key.
	Data Record Clear All + Count Value Reset <ul style="list-style-type: none"> • This function will clear all the recorded data and reset the current displayed count value. <ol style="list-style-type: none"> 1.) To clear all the recorded data and reset the current count value, press the [Count Input Key 2] while pressing the [Function] key for 1 sec. 2.) The display will blink and show "All Clr Yes No" text. 3.) If YES, press [Count Input Key 4] for 1 sec. If NO, press [Count Input Key 5]. 4.) After choosing, the display will return to the count input mode.

5. Communication (RS-232C)

All the stored data (count data, sum data) on the DK-4500 can be read and viewed on a PC through serial communication.

Please use any market available RS232C cable (straight) to connect to the PC and a D-SUB 9 Pin (female) connector for connection to the DK-4500.

The data stored in the DK-4500 can be downloaded to the PC using our software which can be downloaded for free from our website. With this software, you can store, edit and delete the recorded data in CSV format.

For a more details, please visit our website at <http://www.lineseiki.com>