

# ELANE

## UNIVERSAL BILL (NOTE) COUNTER

Max 500g, d=0.01g

# USER MANUAL

## SCALE FEATURES

### Weighs in two modes:

- ✓ Grams
- ✓ Ounces

### Counting:

Counts seven fixed and 3 user programmable countries notes.  
Counts ten different kinds of notes/coins/small objects designated for each country.  
Password protected notes sampling process to avoid wrong sampling.  
Displays total value of the notes/bills being counted.

## Specifications

- Capacity : 500g
- Graduation / Resolution : 0.01g
- Minimum Weight detection : >0.01g
- Min startup weight detection : 0.05g
- Accuracy :  $\pm 1\%$  of the reading
- Power consumption : Approx. 0.40 watts
- Weight of Unit Scale : 1200g
- Dimensions : 26.5cm X 20cm X 8cm
- Platform Size : 14.5 cm x 19 cm
- Power Supply : 9 Volts Main Adapter or 6XAA batteries

## Preparing the scale for use

- 1) Fix the weighing platform to the body of the scale via the location points. The slope edge of the platform should face the front part.
- 2) Plug the mains adapter supplied with the scale into the mains and connect the adapter's output plug to the input socket at the rear side of the scale.
- 3) Place the scale on a firm and even surface. Press the "ON" key on the keyboard panel on the front left side.
- 4) The display will show "Scanning Zero" for sometime and then the scale will enter the last used note counting mode. (Note: If the environment is not unstable (vibrating surface, wind blowing, etc) the scale will keep on displaying "Scanning Zero".)

## Operating the scale

### Weighing

When in counting mode, press WEIGHT/COUNT key to enter the weighing mode. Pressing WEIGHT/COUNT key again will take the scale back to the counting mode. While in weighing mode, press SELECT COUNTRY key to toggle between gram weighing mode and ounce weighing mode.

### Notes/Bills Counting

User can sample and count ten different types of notes for each seven fixed currencies (USA – USD, Europe – EUR, Britain – GBP, Australia – AUD, Swiss – SWF, Canada – CAD, Japanese – YEN), plus three other user definable currencies.

#### **Adding User Definable Currency:**

Turn the scale on. When the scale is in counting mode, press SELECT COUNTRY. Press NEW key. Scale will display "InputCountryName". (For example, if user want to create RMB currency for China). Enter "RMB" from the key pads. (i.e. 777 -> 6 -> 22). Pressing CE key will delete the last entry. Once RMB is displayed on the lower left side of the LCD, press ENTER key. Scale will go back to SELECT COUNTRY mode. Now if the country list is searched with up (key 2) or down (key 8) arrow, RMB will be listed at the bottom of the currency list.

#### **Sampling Notes:**

Before user can start counting, user needs to sample that particular note. This is a one time process. (For example, if user wants to count RMB100 notes, first user has to perform sampling for this note).

Select RMB from the currency list, when ->RMB<- is displayed on the upper line of LCD, press ENTER key. If the scale has not yet been sampled, "RMB 0" will display on the upper left corner of the LCD (0 is the RMB memory place where the weight of RMB 100 notes will be stored for counting). Press SAMPLE key. Scale will display "Input password". Enter six digits password and press ENTER.

*Note: Factory default password is 123456.*

Scale will display "Modify RMB type". User need to input the value of the note (denomination) going to be sample. For this example enter 100 and press ENTER key. (as for this example, we are going to sample RMB 100 notes).

Scale will display "Place 50 items" on the LCD. Put 50pcs of RMB 100 notes on the platform. LCD will display "Place <200 Items" on the upper line. For the better accuracy during counting later, if you still have RMB 100 notes user can put on the scale. User can put any number of notes of RMB 100 on the platform as long as the total quantity of the notes on the platform is less than 200 pieces. If user does not have any more RMB 100 notes then simply press ENTER key without adding any more notes on the scale platform.

Once the sampling is successfully completed, scale will enter the counting mode for RMB 100. Lower left side will display the total value of the notes placed on the platform and lower right side will display the total number of notes placed on the platform.

Once the sampling is done, next time user can simply count RMB 100 notes by selecting ->RMB<- from the currency list and selecting RMB100 (i.e. pressing 0 key).

Similarly, user can use other memory places in RMB (1~9, as 0 is already used by RMB100) to sample other denomination notes of RMB or overwrite the existing ones.

#### **Deleting Currency:**

To delete a currency, select the currency to be deleted from the currency list (for example, ->RMB<-) and press DELETE key. Note: Seven fixed currency can't be deleted

### **Changing Password:**

To change the password, press “Change Password” key while “Scanning Zero” is being displayed.

Note: If the user forgot the password later, the scale can be reset to the factory default by pressing “5” key during the start up (while “Scanning Zero” is being displayed). Scale will display “Input SerialNumb”. Enter 123456 and press ENTER key. Now the serial number of your scale is defaulted to 123456 and the sampling data stored in the scale will be deleted.

### **Operating Temperature**

The scale is designed to operate in a normal room temperature. If subjected to cold or warm temperature, it should be allowed to reach the room temperature before operating.

### **Using the Supplied AC Adapter**

Connect the AC adapter into the power jack and the output outlet on the right side of the scale. This adaptor is center negative 9V.

### **Operate on a Firm, Flat, Level Surface**

In order to operate correctly, the scale must be installed on a firm, level, flat surface. You can adjust the level with the help of the level adjuster at the front panel of the scale.

## **ERROR DISPLAY**

**Overload** Will display when the weight on the platform is more than the scale’s maximum capacity.

**LoBat** Will display at the upper right corner if the input voltage is less than normal.