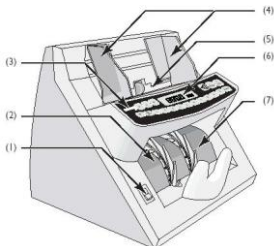
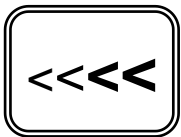


# 75 Series Friction Note Counter Short Instructions



- (1) Power switch
- (2) Stacker Area
- (3) Keyboard
- (4) Note Guides
- (5) Hopper
- (6) 4-Digit and 3-Digit Display
- (7) Guide Plates



## --- 75 Series Friction Note Counters ---

This **Quick Start Guide** shows you how to set up your equipment and perform a basic count. For more detailed information please consult your **Full Operating Manual**. If at any time you should require additional help please contact Volumatic Ltd on the number listed below.

## --- Safety Precautions ---

Unless switched to manual, the Magner 75 series Friction Note Counter will automatically start to count notes as soon as they are placed on the machines hopper. It is therefore important to take certain precautions - do not wear loose clothing or jewellery whilst operating the machine and make sure that long hair is tied back.

## --- Getting Started ---

Select an appropriate workspace, which is flat and level and as free of dust, dirt and smoke as possible. This will ensure proper operation and prevent damage to the rubber components of the machine. Connect the power cord to the back of the counter and then connect to the mains supply. Ensure that the outlet and the counter voltage settings, controlled by the Voltage Select Switch, match.

## --- The 75 Series Friction Note Counter Features ---

### - Thickness Adjustment Dial

The Thickness Adjustment Dial, situated on the back of the machine, is set at 0 as the standard setting. For counting new, thinner more crisp notes adjust this dial to a lower minus setting and for counting used; thicker more soiled notes adjust this dial to a higher plus setting.

### - Changing the Speed of a Count

This key enables you to change the speed at which the notes are counted.

Speed 1 counts approximately 600 notes per minute

Speed 2 counts approximately 1,200 notes per minute

Speed 3 counts approximately 1,500 notes per minute.

Press the 'SP' key once to display the current counting speed. To change the counting speed simply press and release the 'SP' key until the desired speed is shown on the display.

### - Setting Density

This key enables you to adjust the machine to count dark and/or light notes. Press and release the density key until the desired density is shown on the display. **This should always be set in the UK to level 4.**

## --- Start Up ---

Turn the machine on at the Power Switch situated on the front of the machine. Whilst the machine is warming up the motor will turn the Hopper and Stacker wheels and the display will read '8888' to test all of the display segments. Each function key will turn on in sequence to show that it is operational and then the display will be set to '0' to signify that the counter is ready to count.

## --- Preparing the Notes for Counting ---

Prepare the cash for counting by removing and discarding paper clips, rubber bands and tags. Fan the notes and remove any torn, wet or oily notes, notes of the wrong denomination and any foreign matter.

## --- Counting Notes ---

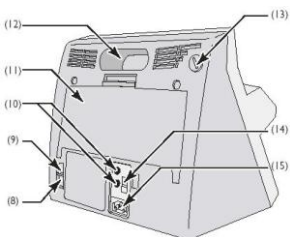
1. Make sure the Note Guides are set as accurately as possible.
2. Place the notes in the hopper. The machine will automatically begin to process the notes placed on the hopper and will stop the count when .....
  - the count is completed
  - the count reaches a preset batch number (*please refer to section 'Counting In Batches'*)
  - after 100 notes have been counted if a batch size was not preset
  - when an error has occurred during the count (*please refer to section 'Operational Errors'*).

## --- Counting in Batches ---

1. Prepare the Cash for counting.
2. Set the amount you want to batch the notes into by pressing the relevant Numeric Keys located on the front of the machines keyboard. You can select any amount from 0 through to 999. The small 3-digit display will show the number you have selected to batch in.
3. Place the notes in the hopper. The machine will automatically proceed to count the notes into the preset batch amount you have selected.
4. When the batch amount has been reached, the machine will pause for you to remove the batched notes from the machines stacker area. Once removed the machine will proceed to count the next batch of notes. The machine will also pause when it has been unable to complete a batch count so that further notes can be added to the hopper. In this instance do not remove the already counted notes from the machines stacker area until the batch has been completed.

## --- Clearing a Batch Amount ---

To clear a preset batch amount, press the '0' key on the numeric keys until the small 3-digit display reads '0'.



- (8) Interface Connector (RS-232 / Option)
- (9) External Display Connector
- (10) Fuse
- (11) Outer Door
- (12) Handle
- (13) Thickness Adjustment Dial
- (14) Voltage Select Switch
- (15) Power Connector

## --- Manual or Automatic Counting ---

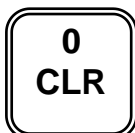


The machine will default to automatic counting but it can be set to manual counting mode if preferred. To switch to manual counting mode press the 'MAN/AUTO' key. When switched on 'MAN' will appear on the display and the machine will no longer start to automatically count any notes placed on the hopper. In manual counting mode, to start to count notes placed on the hopper you must press the 'START' key. To switch the manual counting mode off simply press the 'MAN/AUTO' key again.



## --- Keeping a Running Total ---

The Magner 75 Series Friction Note Counter can be set to keep a running total of the number of notes counted. To switch this function on or off simply press the '+/ACCM' key. When switched on 'ACCM' will appear on the display. **IMPORTANT NOTE:** If an error occurs whilst counting notes with the accumulation function switched on, the last notes presented to the machine will need to be represented, as these will not be added to the total.



## --- Clearing a Running Total ---

To clear a running total press the 'O/CLR' key.

## --- Operational Errors ---

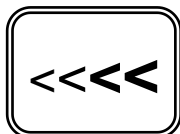
When an error occurs the machine will immediately stop and emit a 'beep' while the display flashes an error code and count figure. Refer to the 'Full Operating Manual' for a listing of 'Sensor Error Codes', 'Counting Error Codes' and 'Suspect Detection Codes' in order to identify the problem.

## --- Clearing an Error ---

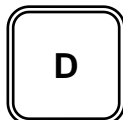
After you have identified the error and rectified the problem, press the 'O/CLR' key to reset the machine. To ensure an accurate count you must always recount the last quantity of notes counted into the stacker before the error occurred.

## --- Troubleshooting ---

In some instances a problem may occur in the actual operation of the machine without displaying an error code. If this happens refer to the 'Operation Faults Chart', which can be found in the 'Full Operating Manual'. **If the machine stops and a dbL error code is displayed, check the density is set to 4. Press and release the density key to change the setting.** Refer to page 13 of the 'Full Operating Manual' for full instructions.



## --- 75D Friction Note Counters ---



The Magner 75D Friction Note Counter gives you the option to detect notes of smaller width (the shortest side of the note) in with larger notes i.e. a £5 note in with £10 notes when counting. The feature is switched on by pressing the 'D' key. When switched on a 'D' will appear on the display. To count notes accurately, with the size detection switched on, adjust the note holders so that the notes are centred in the hopper. When a note of a different width is detected the machine will stop and 'dS1' will appear on the display.

## --- 75S Friction Note Counters ---



The Magner 75S Friction Note Counter gives you the option to detect notes of a smaller length and width when counting. The feature is switched on by pressing the 'S' key. When switched on a 'S' will appear on the display. To count notes accurately, with the size detection switched on, adjust the note holders so that the notes are centred in the hopper. When a note of a different length is detected the machine will stop and 'dS1' will appear on the display and when a note of a different width is detected the machine will stop and 'dS2' will appear on the display.

## --- 75U Friction Note Counters ---



The Magner 75U Friction Note Counter gives you the option to detect suspected counterfeit notes by Ultraviolet Light. The feature is switched on by pressing the 'U' key. When switched on a 'U' will appear on the display. The 'U' will flash for approx. 1 minute during which time the UV detection will not be active. Wait for the 'U' to cease flashing before using this feature. When a suspected counterfeit note is detected the machine will stop and the 'UE' error code will appear on the display. **FRICION NOTE COUNTERS ARE ALSO AVAILABLE IN THE 75 SERIES FEATURING TWO OR MORE OF THE ABOVE DETECTION FEATURES.**

## --- Suspect Detection Codes ---

When a suspect detection code appears on the display remove only the last note from the stacker then press the 'O/CLR' key and continue counting. You will not need to recount the batch of notes and the last note, the suspect note, will not be included in the count.

## --- Maintenance ---

Always turn the machine off and place the protective cover provided over the machine when not in use. On a daily basis clean the hopper and stacker areas with a lint free, dry cloth.