



## LSQ-40L Label Printing Scale Basic Programming & Users Guide

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### BASIC INFORMATION



#### On/Off Switch

The On/Off switch is located on the bottom left side of the scale. Toggle the switch to turn the scale on or off.

**NOTE:** When inserting the power plug into the scale, make sure the plug is properly seated prior to powering up the scale by pushing the plug in as far as possible.



#### Serial Port & Ethernet Port

If you wish to connect your scale to a computer, a serial port and ethernet port are available on the bottom left side of the scale. You must use a 9 pin serial cable (for serial port) or cat5 crossover cable (for ethernet port).



#### Fuse & Fuse Holder

The fuse and fuse holder are located on the bottom left side of the scale. The fuse protects the scale against damage in the event of a power surge. If you ever experience an issue with your scale not powering up, the first thing to check will be the fuse.



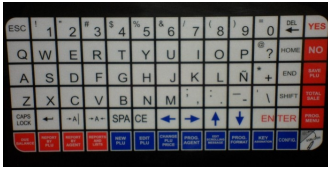
#### Security Access Plug

The security access plug is located on the bottom left side of the scale. The area behind the plug will be accessed when the scale requires calibration or configuration changes. This access plug should only be removed by a properly trained scale technician. In states specifying NTEP certification on legal for trade scales, this seal is required to ensure compliance.



#### Turret-mounted Display

The turret-mounted display will show information related to the item being weighed/transaction. Information on price per pound, weight of item and total price for item will be shown in the top portion of the display. Information related to the PLU description (if entered during the New or Edit PLU procedure) will be displayed in the bottom portion of the display. The display will also scroll a message (if entered while in programming mode).



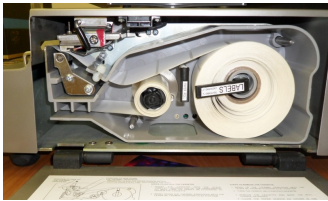
### Left-Hand Keypad (Big keypad)

The keypad on the left side of the scale has multiple functions. While in programming mode, the left keypad is used to create PLUs, assign keys, configure label formats, etc. When out of programming mode the left keypad utilizes up to 72 keys for direct access to PLUs (if created during programming mode).



### Right-Hand Keypad (Small keypad)

The keypad on the right side of the scale include numeric keys for pricing, zero, tare and pre-pack functions, as well as several other keys including the PRINT key. The numeric keys can also be utilized to access any of the 300 PLUs in memory (if entered during programming mode) in conjunction with the PLU key.



### Printer Cartridge, Paper and Printing Mechanism

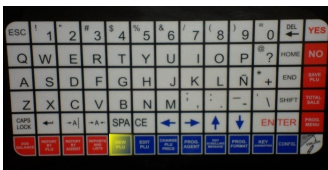
The printing area is located on the right side of the scale. When lowering the door you will see a gray plastic cartridge that contains the printing labels (information on installing new labels is shown in a later section). This area also contains the label sensor (which regulates the number of labels printed at one time) and the actual thermal printer mechanism.

## ENTER PROGRAMMING MODE



Turn the scale ON; insert key into lock (highlighted) and turn to the right 90 degrees. The display will show PWD?; press the PRINT key to enter PROGRAMMING MODE (all instructions from this point on assume "PROGRAMMING MODE" is scrolling across the screen as you begin each procedure).

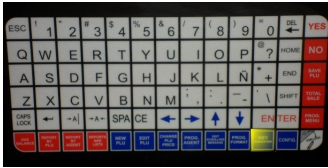
## CREATE PRODUCT LISTING (CREATE PLU)



Press the NEW PLU key (highlighted). PLU NO? will be displayed; enter a number (from 1 to 299). For this procedure let's assume you press 10. Now press ENTER. DESCRIPTION will be displayed; press ENTER.

- Type the description of the item you'd like to add. Let's assume you enter CHOPPED BEEF (please note you'll need to press the CAPS LOCK button if you want the item to print in all caps). Press ENTER.
- CODE will be displayed; hit ENTER twice (unless you wish to add code information).
- DEPARTMENT will be displayed; hit ENTER twice (unless you wish to add department information).
- GROUP will be displayed; hit ENTER twice (unless you wish to add group information).
- PRICE will be displayed; hit ENTER, the type in the price you wish to add. Press ENTER.
- TYPE will be displayed; hit ENTER twice (unless you wish to add type information).
- WEIGHED\*LOCK will be displayed; using the blue arrow keys press the down arrow until you see WEIGHED\*UNLK and press ENTER. (WEIGHED\*LOCK will not allow you to change any prices when the PLU is brought up on the scale; WEIGHED\*UNLK will bring up the default price as entered, but will allow you to change the price if necessary.)
- At this point you can press ESC to get back to PROGRAMMING MODE.
- Repeat these steps until all items have been assigned separate PLU numbers (10=Ground Beef, 11=Spare Ribs, etc.). Make sure you write the numbers down to reference in the next procedure.

## ASSIGN PRODUCTS TO DIRECT ACCESS KEYS

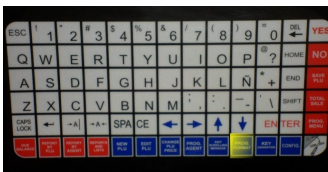


Press the KEY ASSIGNATION key (highlighted). ASSGN TO PLU will be displayed; press ENTER.

- NUMBER will be displayed; press the PLU number you want to assign. Let's assume you enter 10; press ENTER.
- PRESS A KEY will be displayed; press any key in the first 6 rows, 12 columns on the left keypad. (The key pressed will now contain the PLU information for PLU 10 (example) created in the previous procedure.)
- KEY ASSIGNED will be displayed.
- ASSGN TO PLU will once again be displayed; repeat this process until all items have been assigned to keys (up to 72 items). When complete press ESC to get back to PROGRAMMING MODE.

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## CREATE STORE HEADLINE



Press PROG FORMAT (highlighted); FORMAT will be displayed.

- Using the blue arrow keys, press down until HEADLINES is displayed. Press ENTER.
- LINE 1 will be displayed. Press ENTER. TEXT will display. Press ENTER.
- MY STORE will be displayed. Using the DEL key (upper right hand corner of left keypad), delete the text currently displayed. Press the CAPS LOCK button, then type the name of your store. Press ENTER.
- TEXT will be displayed. Using the blue arrow keys, press down until SIZE (1-6) is displayed. Press ENTER.
- Type in the font size you'd like to use (1 is very small, 6 is very large). For a store name, size 4 is a good starting point (depending on the number of letters used).
- SIZE (1-6) will be displayed. Using the blue arrow keys, press down until POSITION is displayed. Press ENTER.
- CENTER will be displayed (default). You can position the headline in either the LEFT, CENTER or RIGHT column, but CENTER usually works best. Press ENTER.
- Using the blue arrow keys, press down until RETURN is displayed. Press ENTER.
- LINE 1 will be displayed. Using the blue arrow keys, press down until LINE2 appears. Repeat the procedures above until all lines for your headline have been added.
- When all lines have been added (let's assume you have 4 lines), return to the point where LINE 4 is displayed.
- Using the blue arrow keys, press down until #LINES is displayed. Press ENTER.
- Enter the total lines used for the headline (again, let's assume 4) - you may need to hit the DEL key as the number 1 will be displayed and you may see the number 14 once the 4 key is pressed. Press ENTER. Press ESC twice to return to PROGRAMMING MODE.

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## LABEL SETUP

*NOTE: LABEL FRMT 1 is the default label format. LABEL FRMT 2 is very similar to LABEL FRMT 1 - the position of information printed is the only difference. Follow the instructions below if you prefer to setup your own custom label.*

## CUSTOM LABEL

- Press PROG FORMAT; FORMAT will be displayed. Press ENTER.
- LABEL W/GAP is displayed. Press ENTER. LABEL FRMT 1 is displayed.
- Using the arrow keys press down until CUSTOMIZED is displayed. Press ENTER.
- The next few items displayed are typically not changed, so press ENTER until you see LIN 1 ( ) and

press ENTER.

- LEFT will be displayed. Press ENTER (you designed the HEADLINE to print centered, so setting it to the left here won't matter).
- Using the arrow keys go down until you see HEADLINE and press ENTER (even though we set up your headline with 4 lines, you only need to identify it with one line here).
- LIN (E ) will be displayed. Using the arrow keys go down until you see LIN 2 ( ) and press ENTER.
- LEFT is displayed. Press ENTER. Using the arrow keys go down until SPACE appears and press ENTER.
- SIZE (1-6) is displayed. Type in 3 and press ENTER (this will create a space between the HEADLINE and the next line).
- LIN 2 (# ) is displayed. Using the arrow keys go down until you see LIN 3 ( ) and press ENTER.
- LEFT will be displayed. Press ENTER. Using the arrow keys go down until you see WEIGHT TEXT and press ENTER. SIZE (1-6) is displayed. Type in 2 and press ENTER.
- LIN 3 (W ) is displayed. Press ENTER. LEFT will be displayed. Using the arrow keys press down until RIGHT is displayed. Press ENTER. Using the arrow keys go down until you see PRICE TEXT and press ENTER. SIZE (1-6) will be displayed. Type in 2 and press ENTER.
- LIN 3 (W P) is displayed. Using the arrow keys go down until you see LIN 4 ( ) and press ENTER.
- LEFT will be displayed. Press ENTER. Using the arrow keys go down until you see WEIGHT and press ENTER. SIZE (1-6) is displayed. Type in 2 and press ENTER.
- LIN 4 (W ) is displayed. Press ENTER. LEFT will be displayed. Using the arrow keys press down until RIGHT is displayed. Press ENTER. Using the arrow keys go down to PRICE and press ENTER. SIZE (1-6) is displayed. Type in 2 and press ENTER. Using the arrow keys go down until LIN 5 ( ) appears.
- LIN 5 ( ) will be displayed. Press ENTER. LEFT will be displayed. Press ENTER. Using the arrow keys go down until you see SPACE and press ENTER. SIZE (1-6) is displayed. Type in 2 and press ENTER.
- LIN 5 (# ) is displayed. Using the arrow keys go down until LIN 6 ( ) is displayed and press ENTER.
- LEFT will be displayed. Press ENTER. Using the arrow keys go down until you see DATE TEXT and press ENTER. SIZE (1-6) is displayed. Type in 2 and press ENTER.
- LIN 6 (F ) is displayed. Press ENTER. LEFT will be displayed. Using the arrow keys go down until RIGHT is displayed. Press ENTER. Using the arrow keys go down until you see TOTAL TEXT and press ENTER. SIZE (1-6) is displayed. Type in 3 and press ENTER.
- LIN 6 (F T) is displayed. Using the arrow keys go down until you see LIN 7 ( ) and press ENTER.
- LEFT will be displayed. Press ENTER. Using the arrow keys go down until you see DATE and press ENTER. SIZE (1-6) is displayed. Type in 2 and press ENTER.
- LIN 7 (F ) is displayed. Press ENTER. LEFT will be displayed. Using the arrow keys press down until RIGHT is displayed. Press ENTER. Using the arrow keys go down until you see TOTAL and press ENTER. SIZE (1-6) is displayed. Type in 2 and press ENTER.
- LIN 7 (F T) is displayed. Using the arrow keys go down until LIN 8 ( ) appears and press ENTER. LEFT is displayed. Press ENTER. Using the arrow keys go down until you see SPACE and press ENTER. SIZE (1-6) is displayed. Type in 2 and press ENTER.
- LIN 8 (# ) is displayed. Using the arrow keys go down until LIN 9 ( ) is displayed and press ENTER.
- LEFT will be displayed. Using the arrow keys go down until CENTER appears and press ENTER. Using the arrow keys, go down until DESCRIPTION appears and press ENTER. SIZE (1-6) will appear. Press 3 and press ENTER.
- LIN 9 ( N ) is displayed. You can now use the arrow keys to go up and double check to make sure all lines are entered properly.

LIN 1 (E )  
LIN 2 (# )  
LIN 3 (W P)  
LIN 4 (W P)  
LIN 5 (# )  
LIN 6 (F T)  
LIN 7 (F T)  
LIN 8 (# )  
LIN 9 ( N )

*You can now turn the key to the left to exit the PROGRAMMING MODE.*

## TESTING

Place an item on the scale. Let's assume you assigned GROUND BEEF to the "1" key (top row, second from the left). Press that key.

GROUND BEEF should be displayed. The price you entered during the NEW PLU setup will be displayed. Using the keypad on the right side, enter a different price per pound (because you identified the item with the WEIGHT\*UNLK feature, you can change the price per pound when necessary). Press PRINT.

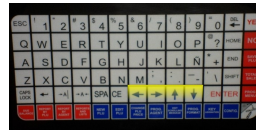
At this point the label you designed will print. If you are not happy with the design you can go back into PROGRAMMING MODE and go to the problem line(s) to ensure the formatting is correct. As a note, your HEADLINE font size is determined when you type in the HEADLINE (see CREATE STORE HEADLINE). Other font sizes for other aspects of the label are determined when you enter the FORMAT mode and enter what type of information you want on each line. If you still have problems setting up the label you can go through each part of CUSTOM LABEL and remove the formatting so that CLEAR is shown on all lines. This will allow you to start over from scratch with the label design (unless the HEADLINE is not how you'd like there is no reason to repeat CREATE STORE HEADLINE again).



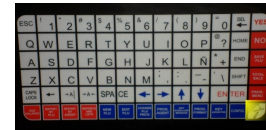
CAPS LOCK indicator



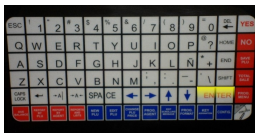
MODE indicator (see note below)



BLUE ARROW KEYS  
(for programming mode)



ABC/SIRLOIN KEY  
(see note below)



ENTER KEYS (either works during PROGRAMMING MODE)



REPORT KEYS (used when obtaining reports and continuous paper)

## NOTES:

- If you ever experience an issue with the scale NOT PRINTING ensure you have an item on the scale and the price and weight are displayed - if not the scale won't print. If that is not the issue, look at the display to the MODE indicator (identified above). If there is a black dot in the display next to MODE the scale won't print. To remove this dot press the ABC/SIRLOIN key (identified above) and the print function will be enabled. (The ABC/SIRLOIN function puts the scale into a partial programming mode - pressing the key when the black dot is displayed will exit the mode.)
- If the scale won't power up, ensure the power cable is properly (and completely) inserted into the power jack on the scale AND the adapter is plugged into a 110v/60h power supply.
- The LSQ-40L is a legal for trade (NTEP) scale (Class III) and is calibrated to allow for immediate use on delivery. Please check with your state's weights and measurements requirements regarding potential additional approvals.
- If you require additional assistance (programming, service, etc.) during the life of your scale, please contact your dealer/place of purchase first. If additional support is required at that point contact TOR REY at the website shown below.