

# **VSSI**

## **LCD Cat Scale**



### **Operation Manual**

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# Installation

Thank you for purchasing the VSSI LCD Cat Scale. The 8450 VSSI comes complete with a one-piece platform and base with handles. With a 9V DC adapter (included) the scale can be used in a fixed location or with a 9V battery (not included) as a portable scale.

This manual will guide you through installation, and operation of your scale. Please read it thoroughly before attempting to operate this scale and keep it handy for future reference.



## PRECAUTIONS

Before using this instrument, read this manual and pay special attention to all "WARNING" symbols:



IMPORTANT



ELECTRICAL  
WARNING

## Unpacking

Before beginning installation of your scale, make certain the instrument has been received in good condition. When removing the scale from its packing, inspect it for signs of damage, such as exterior dents and scratches. Keep the carton and packing material for return shipment if it should become necessary. It is the responsibility of the purchaser to file all claims for any damages or loss incurred during transit.

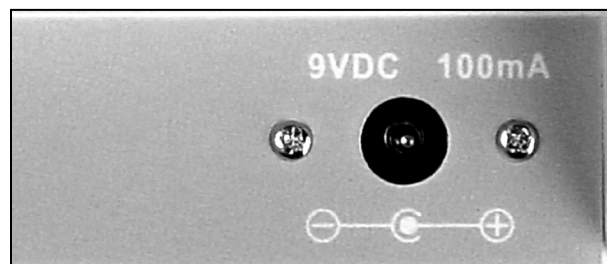
1. Remove the scale from the shipping carton and inspect it for any signs of damage.
2. Plug-in the 9VDC adapter or install the battery. Refer to the **Power Supply** or **Battery** sections of this manual for more instruction.
3. Place the scale on a flat level surface, such as a table or bench.
4. The scale is now ready for use.

## Power Supply

To apply power to the scale using a 9VDC, 100 mA power supply, insert the plug from the power supply cable into the power jack on the back of the scale and then plug power supply into the proper electrical outlet. The scale is now ready for operation.



**DO NOT** connect the plug-in power supply to the scale with a battery installed in the scale.



# *Installation continued*

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## **Battery**

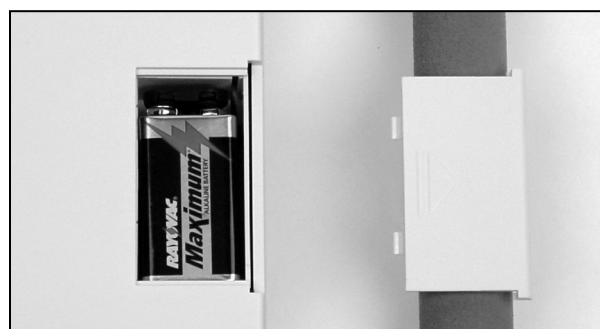
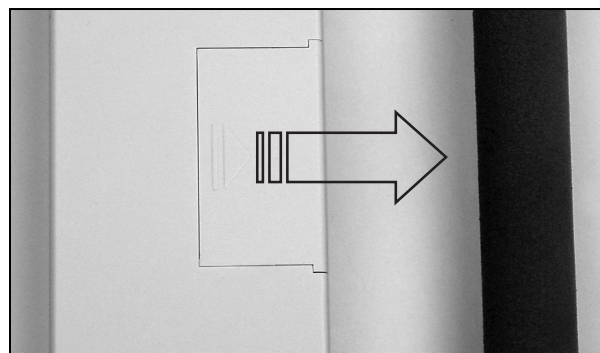
The scale can use a “9V” size Alkaline battery (*not included*). If you wish to operate the scale from a battery, you must first obtain and install the battery. The battery is contained in a holder inside the scale. Access is via a removable panel on the right end of the bottom of the scale.

## **Installing The Battery**

1. Turn the scale over so that the display is facing down and place it upside down on a flat level surface, such as a table or bench.
2. Locate the battery door on the bottom of the scale.
3. Remove the battery door by pushing in on the “arrow” and sliding the battery door in the direction of the arrow.
4. Slide the battery door about 1/2 inch, lift and remove exposing the battery snap connector.
5. Connect the snap connector to a 9 volt battery and place the battery in the holder.
6. Place the battery door on the scale and slide it the “opposite” direction of the arrow until you hear it click and lock in place.

## **Low Battery**

When the battery is near the point it needs to be replaced, a low battery indicator Lo will be displayed. If the battery voltage drops too low for accurate weighing, the scale will automatically shut off and you will be unable to turn it back on. When the low battery indicator **Lo** is displayed, the operator should replace the battery or remove the battery and plug-in the 9VDC adapter.



# Display and Key Functions

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## Key Functions:

### ON / ZERO / OFF

1. Press this key to turn the scale on.
2. Press this key and hold for 2 seconds to turn the scale off.
3. Press this key with the scale on to zero the scale  
(Zeroing range: +/-0.4kg)

### Kg / Lb

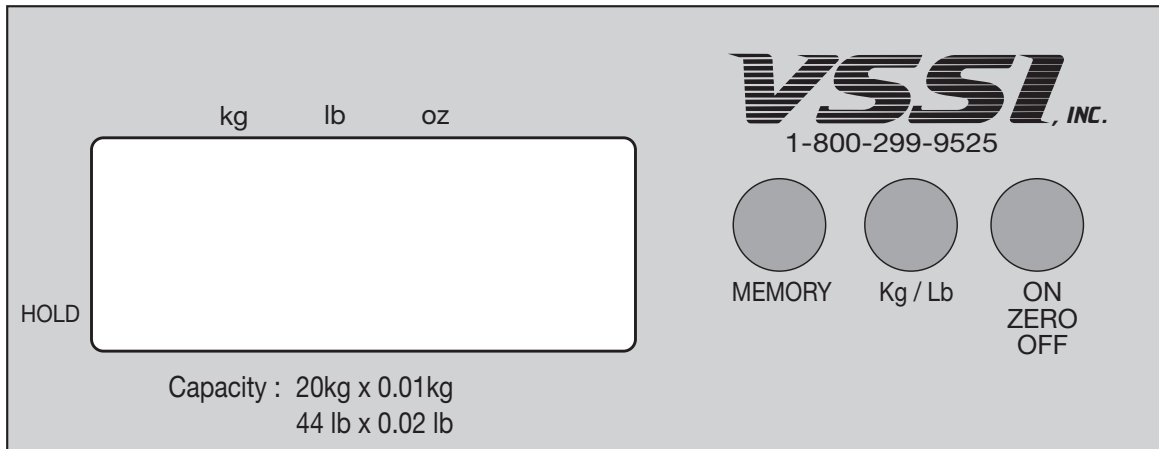
Press this key to switch unit between kg, lb, oz, and lb: oz.

### MEMORY

Press to recall and release the weighing value.

If the weight is less than 1kg, press this key to recall the stored value of weight.

If the weight is greater than 1kg, press this key to store the weight value.



## Features

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### Memory

- When power on, the Memory feature will auto switch on and the arrow besides HOLD at left bottom of LCD will flicker.
- When the loaded weight is above 1kg and stable, the arrow stops flickering.
- To disable the Memory function, please press TARE/ON/OFF key again.

### Auto Off

The scale will be Auto Off after 2 minutes of nonuse to conserve the battery.

# Configuration

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Your scale has been pre-configured at the factory and should not require configuration for use in most applications. In the event that the factory settings do not meet the requirements of your application, the following describes the steps to configure the scale.

## To Enter Configuration:

1. Press the **ON/ZERO/OFF** key to turn on the scale.
2. Press and hold the **ZERO** key for 3 seconds. When the display shows **Set**, release the **ZERO** key to enter Configuration. The display will change to **Unit**.

## Automatic Shutoff

1. With the display showing **Unit**, press the **ZERO** key. The display will change to **AOFF**.
2. Press the **MEMORY** key to begin selection of the automatic shut-off time (in seconds). The display will change to **120**.
3. Press the **ZERO** key to toggle through the selections, **120, 180, 240, 300, or OFF**.
4. When the desired time value is displayed, press the **MEMORY** key. The display will change to **AOFF**.
5. Press the **ZERO** key to change the display to **End** to store this setting.
6. Press the **MEMORY** key back to weighing mode.

# Display Messages

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| DISPLAY | MEANING                       |
|---------|-------------------------------|
| Lo      | Low battery indication        |
| ErrE    | E <sup>2</sup> prom Error     |
| ErrL    | Under Zero                    |
| Err     | Over Zero or<br>Over Capacity |

# Specifications

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|                        |  |
|------------------------|--|
| Power Requirements:    | 9V battery or 9V 100mA DC adapter            |
| Capacity:              | 20 kg x 0.01 kg                              |
| Weight Units:          | kg   |
| Display:               | 1.0" LCD display with<br>4 1/2 active digits |
| Operation Temperature: | 5 to 35 °C (41 to 95 °F)                     |
| Function Keys:         | ON/ZERO/OFF, KG/LB, MEMORY                   |
| Dimensions             |  |
| Scale with Handle:     | 620 x 350 x 50 mm (24 x 14 x 2 in.)          |
| Platform Surface:      | 500 x 350 x 50 mm (20 x 14 x 2 in.)          |

## FCC COMPLIANCE STATEMENT

**WARNING!** This equipment generates, uses and can radiate radio frequency and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area may cause interference in which case the user will be responsible to take whatever measures necessary to correct the interference.

You may find the booklet "How to Identify and Resolve Radio TV Interference Problems" prepared by the Federal Communications Commission helpful. It is

available from the U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 001-000-00315-4.

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Serial Number \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Purchased From \_\_\_\_\_

RETAIN THIS INFORMATION FOR FUTURE USE



### Manufacturer's Declaration of Conformity

This product has been manufactured in accordance with the harmonized European standards, following the provisions of the below stated directives:

Electro Magnetic Compatibility Directive 89/336/EEC

Low Voltage Directive 73/23/EEC

VSSI, Inc.

## ***Product Warranty***

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This product is warranted for 1 year from the date of delivery to the original purchaser only. Warranty is only applicable if customer complies with all instructions and specifications furnished by VSSI, Inc. relating to installation, care, and application. Customer agrees that they will not modify, misapply, or misuse product in any manner which deviates from the VSSI, Inc. instructions. Any repairs, alterations, or services provided by parties other than VSSI, Inc. or its authorized representatives may void warranty. The buyer is responsible for all freight charges on returned items.

## ***Product Satisfaction Policy***

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In the event that the customer is not fully satisfied with the products purchased, VSSI, Inc. may, at its own discretion, arrange for the customer's account to be credited (excluding shipping charges) or replace the product. The customer must notify VSSI of any claim of nonconformity or defect in writing within 30 days from the date of receipt. The product must be returned to VSSI in its original packaging, undamaged and showing no unusual wear within 20 days of the customer's written notice.

To return an item, follow these simple instructions:

- Call VSSI, Inc. for complete instructions (800-299-9525)
- A sales representative will give you a Return Authorization Number
- If a Restocking Fee applies, you will be informed at this time
- Label the boxes with this Return Authorization Number  
(All items must have a Return Authorization Number)
- Return the items, postage/freight prepaid

If necessary, the VSSI sales representative will assist you with freight arrangements.

Note: Custom orders and/or custom colors may not be returned.



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