

NorCross[®] Sonic-Laser[®] Scale SP Instruction Manual



The Sonic-Laser Scale has an accuracy of plus or minus 3%. Therefore, it should only be used as a guide to estimate a fish's length. If the fish is close to the legal size regulation in your fishing area, it is recommended that you use a tape measure or flat measuring board to ensure that the catch is of legal size.

Safety Information:

- Read the following safety information carefully before attempting to operate this scale.
- Only qualified personnel should perform repairs or servicing not covered in this manual.
- Periodically wipe the case with a dry cloth. Do not use abrasives or solvents on this scale.
- Do not store in a high temperature environment (automobile, vehicle or boat dashboard, direct sunlight, etc).
- Want to save yourself hours of aggravation? If so, then read this manual entirely before attempting the installation and/or use.

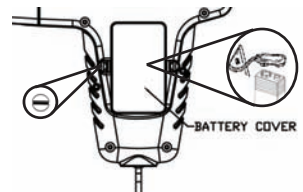


Warning:

Although the scale can be temporarily submerged in water without damage, it does not float. Avoid allowing it to enter water without having a firm grip on it.

Installing the Battery

1. Using a "Flat Head" Screwdriver, turn the screws on the battery door counterclockwise until loose.
2. Remove the Battery Cover from the Scale.
3. Attach a "9-Volt" battery (*not included*) to the battery plug making sure that battery terminals are properly aligned with the plug terminals.
4. Reinstall the Battery Cover and turn the screws on the battery door clockwise until "Snug" (*do not overtighten*).



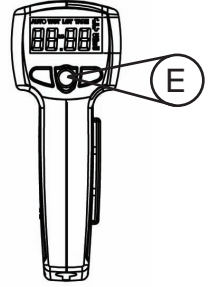
IMPORTANT:



To ensure the battery cover remains water tight, coat the battery cover seal with petroleum jelly (Vaseline[®]) each time you replace the battery.

Powering ON

1. Press and Release the “E” button (ENTER) to turn the scale ON.
The scale will perform a self-test by displaying “88.88” for two seconds.
2. When “0.0” is displayed on the screen, the scale is zeroed-out and ready for normal operation.



IMPORTANT:



The display will become sluggish below 20 °F (-7 °C) and nonfunctional below 12 °F (-11 °C). If you are using the scale under these conditions, keep the unit warm in between uses.

Powering OFF

1. Press and Hold the “E” button until “OFF” is displayed on the display.
2. Release the “E” button and the scale will turn OFF.

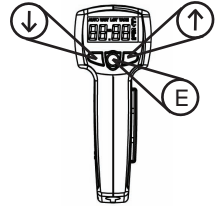
IMPORTANT:



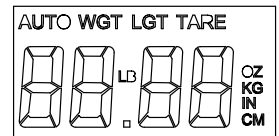
The scale will automatically turn OFF after 2 minutes of inactivity.

Changing the Units of Measure

1. Press and Hold “E” and “↑” for 3 seconds. The current unit of measure will flash.
2. Press either “↓” or “↑” to Change the unit of measure.
3. Press “E” to save and return to normal operation (display will return to normal operation automatically after 15 seconds).



- AUTO** Automatically weighs and measures fish
- WGT** Weighs the fish
- LGT** Measures the length of the fish
- TARE** Adjusts the weight readings to deduct the weight of a bag, bucket, bin, etc.

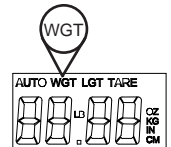


Weight Mode

The “WGT” mode is used to measure the weight of the fish. The scale uses a solid state electronic scale which incorporates no moving parts.

To Measure the Weight of a Fish

1. Press “↓” button until “WGT” is illuminated.
2. The weight of the fish will be displayed.



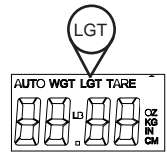
IMPORTANT:



To obtain accurate weight readings the scale must be held steady.

Length Mode

The "LGT" mode is used to measure the length of the fish. The direction of the measurement is indicated by a laser pointer and the measurement is calculated using Ultrasound.



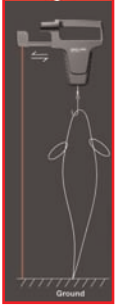
To Measure the Length of a Fish

1. Press "↓" button until "LGT" is illuminated.
2. Hold the fish's tail so that it barely touches a solid object (boat deck, ground, dock, calm/flat water, etc).
3. The length of the fish will be displayed.

IMPORTANT:



To obtain accurate length readings the Laser pointer can not have anything blocking it from touching the solid surface that the tail of the fish is touching. If necessary, slide the laser pointer away from the body of the scale to give the beam a clear line of sight.



Trying to obtain length readings over a non-solid surface (carpeting, choppy water, grass, weeds, soft sand, etc.) may produce inaccurate readings. The area must be flat and solid for at least 1 square foot (.3 Meter) around the laser beam. You MUST hold the scale steady while using the length measurement feature.

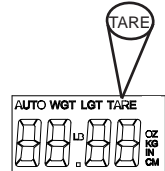
THE LENGTH MEASUREMENT FEATURE WILL NOT FUNCTION PROPERLY IF THIS IS NOT FOLLOWED.

Tare Mode

The "TARE" feature is used to compensate weight readings for weigh bags or containers. The "TARE" icon will always be ON when the TARE weight is not "0.00".

Automatic Tare Setup

1. Press "↓" button until "TARE" is illuminated.
2. Pickup the bag or container and press "E".
3. This weight is now saved as the Zero weight.



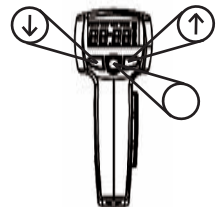
IMPORTANT:



To reset the Tare weight to "0.00", simply repeat steps 1 through 3 without picking up the bag or container

Manual Tare Setup

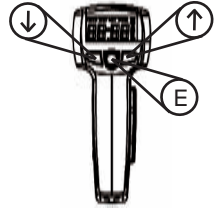
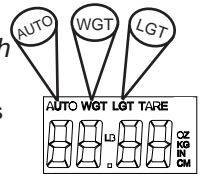
1. Press "↓" button until "TARE" is illuminated.
2. Press and Hold "↑" for 3 seconds. The current TARE setting will flash.
3. Press "↓" to decrease the setting or "↑" to increase the setting.
4. Press and Hold "E" for 3 seconds to save the setting and return to normal operation.
5. To reset the Tare weight to "0.00" simply repeat steps 1 through 4.



AUTO Mode

The "AUTO" feature is used to calculate the weight and length of the fish and review the results upon completion.

1. Press "↓" button until "AUTO" is illuminated and "WGT" flashes on the LCD.
2. Pick up the fish.
3. Once a steady reading is obtained, press and release "E".
4. "LGT" will flash on the LCD.
5. Hold the fish's tail so that it barely touches a solid object (boat deck, ground, dock, calm/flat water, etc).
6. Press and release "E".
7. "WGT" will flash on the display along with the weight of the fish.
8. Press and release "E".
9. "LGT" will flash on the display along with the length of the fish.
10. Press and release "E" to return to normal operation.



Service & Warranty

If you have questions about this product please visit our Customer Service Center on our website at www.norcrossmarine.com (You may also call us toll free at 888-667-2767) where you can find information relating to:

- Warranty Details
- Warranty Registration
- Troubleshooting
- Product Knowledgebase
- Product Specifications
- Parts & Accessories

FCC Notice

This device complies with FCC Part 15 Rules and Industry Canada RSS210 Issue 2 Regulations. Operation is subject to the following two conditions:

- this device may not cause harmful interference; and,
- this device must accept any interference received, including interference that may cause undesired operation

Changes or modifications not expressly approved by NorCross Marine Products, Inc, could void the user's authority to operate the equipment.

NOTICE



To be eligible for the 2 year product warranty, you must register your product within 15 days of purchase. Please visit our Customer Service Center on our website to register. Make a copy of your original purchase receipt and store it in a safe place. You will need to present it in the rare occurrence that you need to send your product in for service.



Warning:

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