

LungBoost™ Respiratory Trainer



USER GUIDE

ChoiceMMed™

Intended Use and Indications

The *LungBoost Respiratory Trainer* is a device which assists its user in strengthening their respiratory muscles. This device uses dual purpose training – Endurance Aerobic Training and High Intensity Anaerobic Interval Training, while strengthening inspiration (inhalation) and expiration (exhalation) muscles.

LungBoost Respiratory Trainer is intended for anyone who wishes to improve the strength and endurance of his or her respiratory muscles.

This includes professional athletes, weekend athletes & healthy individuals.

Warnings

This device is not intended for use by people who are too weak to use the device. This device is not intended for use in conditions not mentioned in this guide. For example: outdoors or in extreme weather.

This device is not intended to be used by more than one person unless cleaned according to the instructions in section 10, page 21.

Limited Warranty

Thank you for purchasing a ChoiceMMed product.

Visit www.choicemedamerica.com/register to register your product to obtain full warranty services.

For detailed warranty information, visit
www.choicemedamerica.com/warranty

For questions regarding our products or services, visit: www.choicemedamerica.com/contact
or contact our helpline at: **(215) 874-0458**

Disclaimer

Information provided by ChoiceMMed is believed to be accurate and reliable. However, ChoiceMMed assumes no responsibility for the use of such information, nor for any infringements of patents or other rights of third parties, that may result from its use.

**PLEASE READ THIS USER GUIDE
BEFORE OPERATING THE SYSTEM**

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1. INTRODUCTION

1.1 ABOUT THIS USER GUIDE

This User Guide provides the information necessary to operate the ChoiceMMed LungBoost Respiratory Trainer. **PLEASE READ THIS USER GUIDE BEFORE OPERATING THE SYSTEM.** If any part of this User Guide is not clear, contact Customer Support for assistance.

1.2 CHOICEMMED LUNGBOOST RESPIRATORY TRAINER

LungBoost is a device used for training the respiratory muscles. Multiple researches have shown that using a Respiratory Muscle Training (RMT) device, with the addition of a fitness regime such as walking, improves the strength and endurance of the respiratory muscles. Other improvements may include: longer walking distance (five minute test), less shortness of breath, improved quality of life and a general feeling of well being.

1.3 FEATURES OF THE LUNGBOOST RESPIRATORY TRAINER

- Calculate the endurance effort level and strength effort level of breathing maneuvers
- Sense inhaling or exhaling
- Set the difficulty level according to the user's ability
- Separate the breathing maneuvers with rest periods
- Save the breathing maneuvers in the internal memory
- View the saved breathing maneuvers on the digital display
- Display daily, weekly, monthly, and overall averages
- Erase the memory
- Change the intensity pressure level by attaching and removing resistance cones

2. CONDITIONS FOR USE

2.1 INTENDED USE AND INDICATIONS

LungBoost Respiratory Trainer is a device which assists the user in strengthening their respiratory muscles. The device uses dual purpose training – Endurance Aerobic Training and High Intensity Anaerobic Interval Training, while strengthening inspiration (inhalation) and expiration (exhalation) muscles.

LungBoost is intended for anyone who wishes to improve the strength and endurance of his or her respiratory muscles. This includes professional athletes, recreational athletes and healthy individuals.

2.2 CONTRAINDICATIONS

This device is not indicated for use by people who are too weak or ill to use the device.

This device is not intended for use in conditions not mentioned in this booklet.

For example: outdoors or in extreme weather.

This device is not intended to be used by more than one person unless cleaned according to the instructions in Section 10. Cleaning and Maintenance on page 21.

3. SAFETY

3.1 TYPES OF WARNINGS, CAUTIONS AND NOTES

Three types of special messages appear in this user guide.



WARNING: Take necessary precautions to avoid the possibility of personal injury or death



CAUTION: A condition that may lead to the damage of equipment, or a lower quality of treatment



NOTE: Other important information

3.2 GENERAL SAFETY INSTRUCTIONS



WARNINGS



DO NOT USE THIS UNIT BEFORE READING THIS USER GUIDE



CAUTIONS



If the system is not working correctly, discontinue use and refer servicing to qualified service personnel



This device is not water-proof – Keep away from any form of liquid



Do not disassemble any part of this unit. This unit is not meant to be serviced by the consumer



Do not use this device if the screen is dirty or cracked



Do not use this device if the screen is missing pixels or not working correctly. Contact ChoiceMMed for service

3.3 ELECTRICAL SAFETY

This device complies with IEC/EN 60601-1 for general requirements of medical electrical equipment safety.

3.4 EMC COMPLIANCE

The unit has IEC 60601-1-2 compliance.

4. OVERVIEW OF SYSTEM COMPONENTS

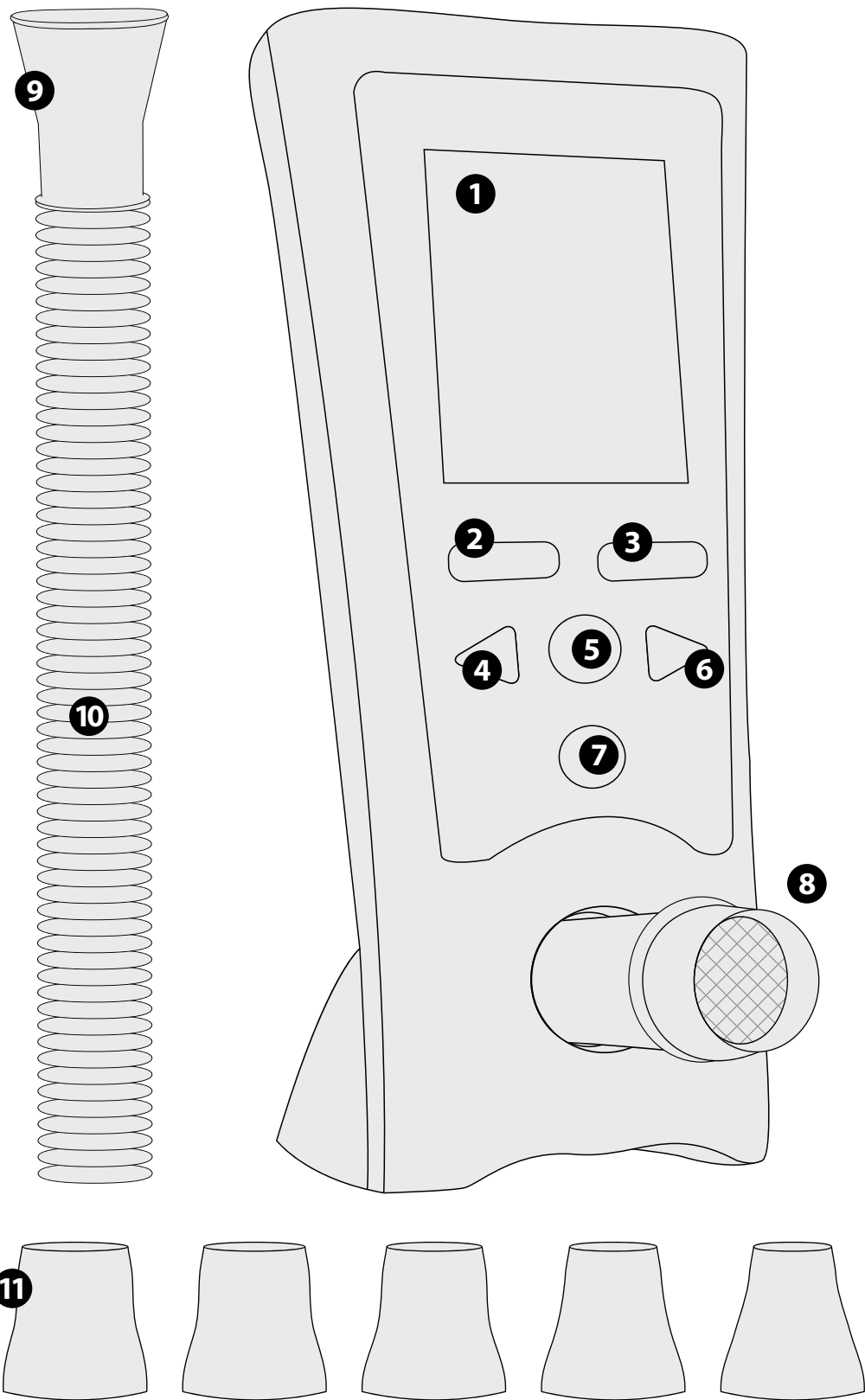
4.1 DESCRIPTION OF THE DEVICE

ChoiceMMed LungBoost is a device used for training the respiratory muscles. Multiple researches have shown that using a Respiratory Muscle Training (RMT) device, with the addition of a fitness regime such as walking, improves the strength and endurance of the respiratory muscles. Other improvements may include: longer walking distance (five minute test), less shortness of breath, improved quality of life and a general feeling of well being.

4.2 SYSTEM COMPONENTS

The ChoiceMMed LungBoost consists of the handheld unit, breathing tube and mouthpiece, adapter with filter, and resistance cones (See diagram on next page)

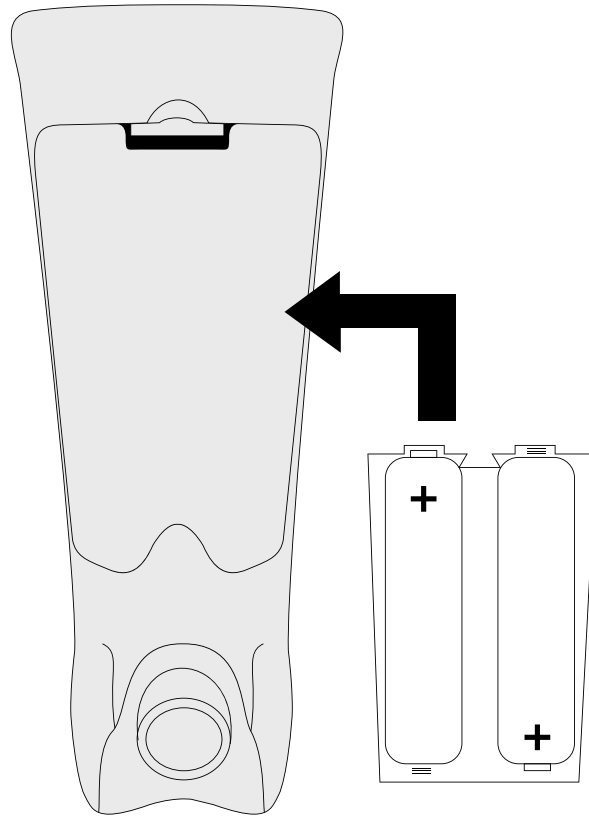
1	Display Screen	
2	Endurance Button	Press to Enter Endurance Mode
3	Strength Button	Press to Enter Strength Mode
4	Exit Button	Press to scroll data or cancel operation
5	OK On/Off Button	Press to turn device on/off or confirm operation
6	Level Button	Press to change the resistance level or scroll data
7	Memory Button	Press to display results of previous exercises
8	Tube Connector	Attaches to front of console
9	Mouthpiece	Connects to the breathing tube (10)
10	Breathing Tube	Attaches to tube connector (8) and mouthpiece (9)
11	Resistance Cones	Attach to back of unit to change resistance



NOTE: The number of resistance cones may vary, depending on the model.


5. INSERTING BATTERIES IN THE HANDHELD UNIT

Insert two AA batteries into the handheld unit as shown.



6. THE HANDHELD DEVICE CONSOLE

The handheld device console is your way of navigating your LungBoost device. The front panel consists of a few simple buttons and a display screen. (See below)

	ENDURANCE Button	Press to enter Endurance Mode
	STRENGTH Button	Press to enter Strength Mode
	EXIT Button	Press to cancel an operation or scroll through data
	OK Button	Press to turn the device ON/OFF Press to confirm a request to delete memory, switch between days, weeks and months
	LEVEL Button	Press to change resistance level Press and hold to present data faster
	MEM Button	Press to display results of previous trainings Press to scroll forward between the three groups of data

7. USING THE DEVICE

7.1 TURNING THE DEVICE ON AND OFF

Press the **OK** button briefly to turn on the device.

When you are finished using the device, press and hold the **OK** button until the device turns off.

The device will also turn off automatically after 10 minutes.

After replacing the batteries the device will turn on automatically.



7.2 INITIAL DISPLAY

When you turn on the device, the screen will flash briefly and perform a quick system test.

During this short period, a test display showing all of the system icons will be visible, as shown here.



7.3 START UP/ FIRST TIME USE - SETTING THE TIME

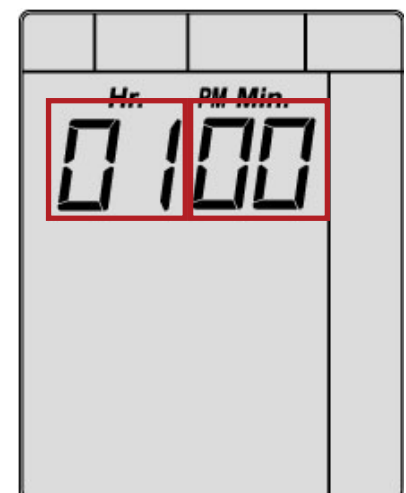
The first time you use your LungBoost, or after replacing the batteries, you are asked to enter the time of day, in the format of hours and minutes (12-hour clock).

The hour will display as a flashing 01. Use the RIGHT ARROW (**LEVEL**) button to increase the hour. When you have reached the desired hour, press **OK**. The minutes will display a flashing zero. Use the RIGHT ARROW (**LEVEL**) button to change the minutes and press **OK** when you are finished setting the time.

You can press and hold the RIGHT ARROW (**LEVEL**) button to move the digits faster.

To correct a mistake, press the LEFT ARROW (**EXIT**) button to return to the previous step.

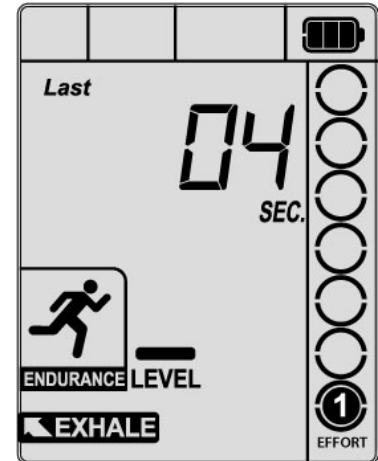
The device automatically turns on in Endurance Mode for you to be able to quick start.



7.4 START UP/NOT FIRST USE

After the first time you use your LungBoost, the last maneuver will be displayed for five seconds:

After this display the device will move to the default Endurance Mode, as described in the following sections.



7.5 RESISTANCE CONES - BEFORE TRAINING

WHAT ARE RESISTANCE CONES?

Resistance cones are small circular-shaped plastic caps that can be attached to the back of the unit to create a higher return pressure in the breathing tube. These cones are used in order to increase your exercise difficulty.

The more closed the cone's opening, the higher the resistance.

It is recommended that you begin using your LungBoost without using the cones (open pipe airflow). As you progress to higher difficulty levels (see pages 11 and 14), you may find that even the highest difficulty level is too easy. You may then proceed to attach a cone to increase the difficulty of the exercise.

Please use caution when adding cones to prevent dyspnea, or hyperventilation. If necessary, please consult your physician.

7.6 CHOOSING A TRAINING MODE

The device automatically turns on in Endurance Mode (default). The buttons on the handheld unit allow you to choose among three modes of operation for LungBoost – **Endurance Mode**, **Strength Mode**, and **Memory Mode**.



Endurance Mode allows you to perform endurance aerobic training.

For instructions on how to use Endurance Mode, Proceed to Section 7.7 on page 11.

Strength Mode allows you to perform high intensity anaerobic interval training.

For instructions on how to use Strength Mode, Proceed to Section 7.8 on page 13.

Memory Mode allows you to review:

1. The results of previous maneuvers.
2. Average scores for today, previous weeks, and previous months.
3. Aggregate averages: The endurance, strength, inhale and exhale average for all previous measurements.

For instructions on how to use Memory Mode, Proceed to Section 7.9 on page 16.

7.7 ENDURANCE MODE

Endurance Mode is used to perform endurance aerobic training.

* **The goal of endurance training is to inhale or exhale air as long as possible, and to keep the ball in the air stable.**

STEP 1: PRESS ENDURANCE Button

The first step in performing an Endurance Mode exercise is to press the **ENDURANCE** button. You will see the Endurance Mode screen, as shown below. Note: If you are already in the default Endurance Mode, there is no need to press the **ENDURANCE** button.

1	ERROR	Normally Blank. Lights if there is a system error
2	GO	Indicates you may begin a maneuver
3	REST	Indicates you must wait before starting another maneuver
4	BATTERY STATUS	Indicates the battery life remaining
5	MANEUVER COUNT	Indicates the number of maneuver completed
6	SECONDS	Indicates the number of seconds an endurance maneuver was held
7	ENDURANCE MODE	Indicates you are training in Endurance Mode
8	DIFFICULTY LEVEL	Indicates the level of difficulty you are training. There are 5 levels.
9	EXHALE	Indicates you are performing an exhale maneuver
10	INHALE	Indicates you are performing an inhale maneuver
11	EXERTION EFFORT	Indicated the effort exerted. Ball height will vary from 1 to 7



STEP 2: CHOOSE DIFFICULTY LEVEL (1-5)

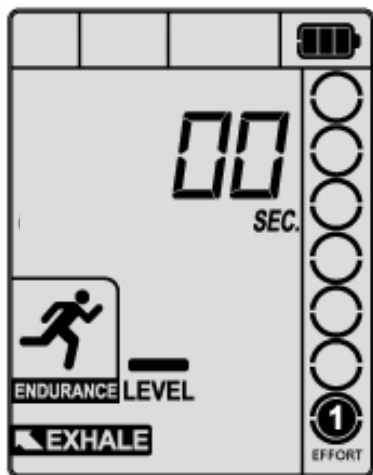
The next step is to choose the Difficulty Level. This is done by pressing the **LEVEL** button, which raises one level at a time, until you reach the desired difficulty level. The device starts at the lowest difficulty level 1 (default). It is recommended to start at this level. If you feel that you can reach the highest ball (7) too easily, it is recommended to raise the level. Raising above level five returns the device to level one.

If you reach the highest ball (7) with level 5 (highest level) you can further increase the difficulty level by attaching resistance cones to the back of the unit. (see page 10)

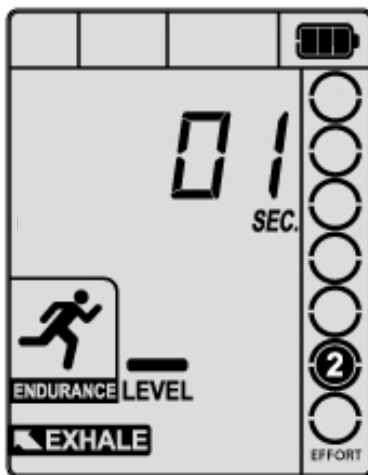
STEP 3: BREATHE INTO THE MOUTHPIECE

GO will flash on the screen indicating you are ready to begin your endurance maneuver. With the measuring tube and mouthpiece firmly attached, gently inhale or exhale through the mouthpiece. (The unit will automatically adjust to whichever breathing action you choose to exercise.) The Inhale/exhale indicator (Number 7 in the diagram above) will change to reflect the type of breathing action (inhaling or exhaling). The effort will vary (Number 8 in the diagram above), from one ball to seven balls, depending on the volume of air that you displace.

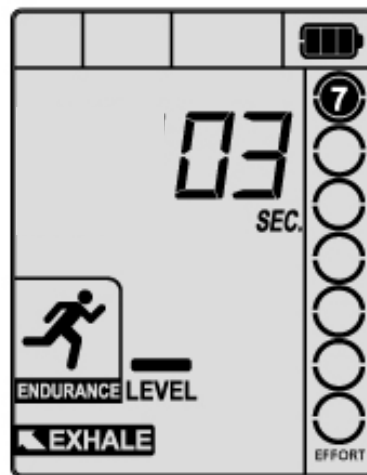
As you breathe into the device, the effort will be indicated by the number on the ball that is highlighted on the right side of the display. In the example below, the user is exerting an increasing pressure, from one ball to seven balls.



User starting at 1 ball exerted at 00 seconds



After 01 seconds, user exerted 2 balls



After 03 seconds, user exerted 7 balls

We recommend trying to raise the effort to two (2 balls) and staying at that level until the end of the exercise. On subsequent exercises, you may try at a higher level for a longer duration of time.

If you feel that you can reach the highest effort (ball seven) too easily, you can raise the difficulty level by pressing the **LEVEL** button, raising the difficulty level by one step at a time.

If you reach the highest ball (7) with level 5 (highest level) you can further increase the difficulty level by attaching resistance cones to the back of the unit. (see page 10)

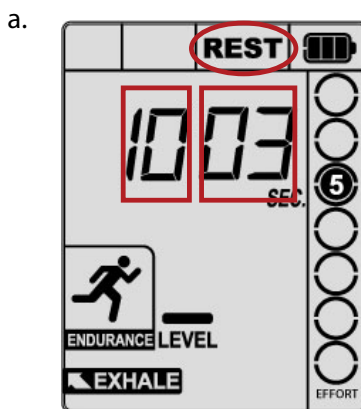
STEP 4: WAIT 15 SECONDS

After every inhale/exhale exercise, REST will appear on the top of the screen. You *must* rest for 15 seconds, to prevent hyperventilation or muscle fatigue. During this resting period, the two left digits on the display will count down from 15 to 1, indicating the number of seconds the user must wait before starting another maneuver. The right two digits will show the number of seconds the user inhaled or exhaled the previous maneuver at the effort (highlighted ball) indicated.

(see diagram a.)

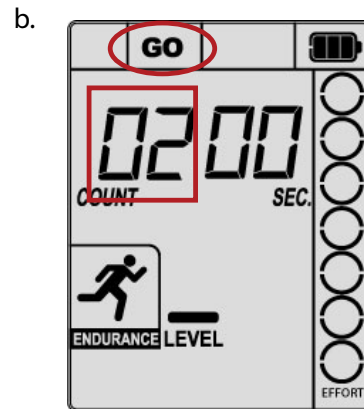
After the 15 seconds, GO will appear on the top of the screen indicating you may begin another maneuver. The two left digits will now display the number of maneuvers completed today. The two right digits will reset to 0.

(see diagram b.)



In this example, the user exhaled in endurance mode for 3 seconds at an effort of 5 on level 1.

This user has 10 more seconds to rest before beginning another maneuver.



In this example, the user has completed 2 maneuvers today.

This user is ready to start the next maneuver.

WHAT CAN I DO NEXT?

After you have completed the Endurance Mode exercise, several options are available to you:

1. Perform another Endurance Mode exercise

To do another exercise, wait until the seconds countdown reaches zero and the **GO** indicator is displayed. If needed, press the **LEVEL** button on the handheld unit console to set the difficulty level and perform the exercise.

2. Perform a Strength Mode exercise

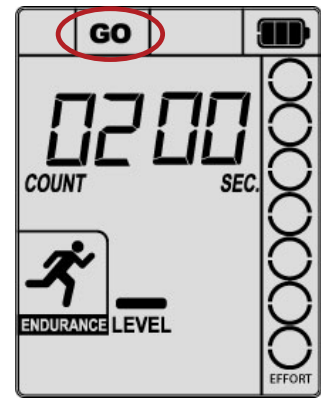
To do a Strength Mode exercise, press the **STRENGTH** button and follow the instructions for Strength Mode exercise in Section 7.8 on page 13.

3. View a list of previous exercises (Memory)

Press the **MEM** button to see previous results, as discussed in Section 7.9 Memory Mode on page 16.

4. Turn off the device

Press and hold the **OK** button for a few seconds to turn off the device.



In this example, the user has completed 02 maneuvers today.

This user is ready to start the next maneuver



7.8 STRENGTH MODE

Strength Mode is used to perform high intensity anaerobic interval training.

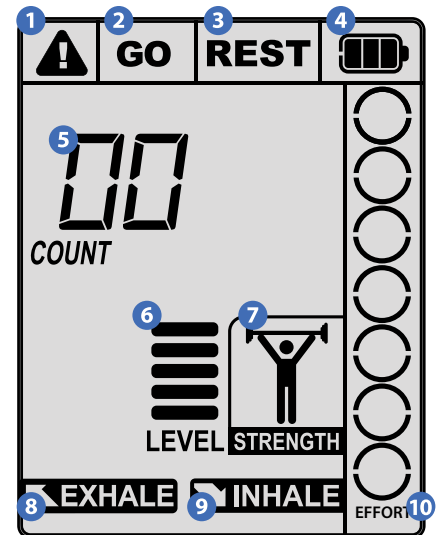
***The goal of interval training is to inhale or exhale as hard as you can, and fill/light as many balls as possible. You should try to fill/light the balls in the shortest amount of time possible, preferably in less than two seconds.**

STEP 1: PRESS STRENGTH Button

The first step in performing a Strength Mode exercise is to press the **STRENGTH** button. You will see the Strength Mode screen, as shown below. Note that if you are already in Strength Mode, there is no need to press the **STRENGTH** button.



1	ERROR	Normally Blank. Lights if there is a system error
2	GO	Indicates you may begin a maneuver
3	REST	Indicates you must wait before starting another maneuver
4	BATTERY STATUS	Indicates the battery life remaining
5	MANEUVER COUNT	Indicates the number of maneuver completed
6	DIFFICULTY LEVEL	Indicates the level of difficulty you are training. There are 5 levels.
7	STRENGTH MODE	Indicates you are training in Strength Mode
8	EXHALE	Indicates you are performing an exhale maneuver
9	INHALE	Indicates you are performing an inhale maneuver
10	EXERTION EFFORT	Indicated the effort exerted. Ball height will vary from 1 to 7



STEP 2: CHOOSE DIFFICULTY LEVEL (1-5)

The next step is to choose the Difficulty Level. This is done by pressing the **LEVEL** button, which raises one level at a time, until you reach the desired difficulty level. The device starts at the lowest difficulty level 1 (default). It is recommended to start at this level. If you feel that you can reach the highest (7) ball easily, it is recommended to raise the level. Raising above level five returns the device to level one.

To further increase the difficulty level, you can attach one of the cones. (see page 10)

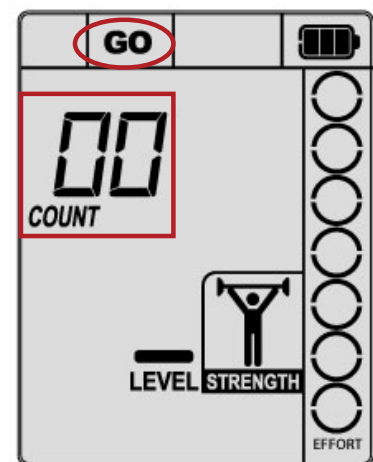
STEP 3: BREATHE INTO THE MOUTHPIECE

GO will flash on the screen indicating you are ready to begin your strength maneuver. The two digits on the screen will show how many **STRENGTH** maneuvers were completed.

With the measuring tube and mouthpiece firmly attached, inhale or exhale through the mouthpiece. (The unit will automatically adjust to whichever breathing action you choose to exercise.) The Inhale/ exhale indicator (Number 7 in the diagram above) will change to reflect the type of breathing action (inhaling or exhaling). The effort will vary (Number 8 in the diagram above), from one ball to seven balls, depending on the volume of air that you displace.

If you fill all the balls too easily (7 balls), you can raise the difficulty level by pressing the **LEVEL** button, raising the difficulty level by one step at a time.

If you reach the highest ball (7) with level 5 (highest level) you can further increase the difficulty level by attaching resistance cones to the back of the unit. (see page 10)



The user is ready to begin a strength maneuver on level 1.

This user has completed 00 maneuvers.

STEP 4 : WAIT 15 SECONDS

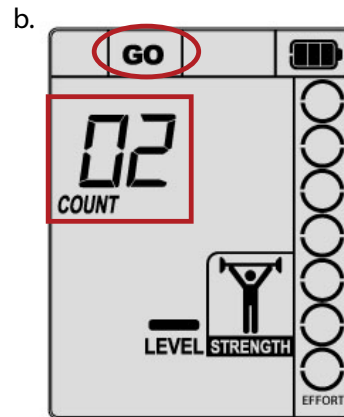
After every inhale/exhale exercise, **REST** will appear on the top of the screen. You *must* rest for 15 seconds, to prevent hyperventilation or muscle fatigue. During this resting period, the two digits on the display will count down from 15 to 1, indicating the number of seconds the user must wait before starting another maneuver. The screen will indicate the details of the maneuver the user just completed. (see diagram a.)

After the 15 seconds, **GO** will appear on the top of the screen indicating you may begin another maneuver. The two digits will now display the number of maneuvers completed today. (see diagram b.)



In this example, the user inhaled in strength mode at level one at an effort of 5.

This user has 07 more seconds to rest before beginning another maneuver.



In this example, the user is ready to begin another maneuver.

This user has completed 02 maneuvers.

WHAT CAN I DO NEXT?

After you have completed the Strength Mode exercise, several options are available to you:

1. Perform another Strength Mode exercise

To do another exercise, wait until the seconds countdown reaches zero and the **GO** indicator is displayed. If you need to, press the **LEVEL** button on the Handheld unit console to set the difficulty level and perform the exercise.

2. Perform a Endurance Mode exercise

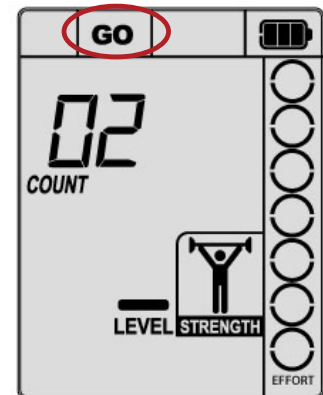
To do an Endurance Mode exercise, press the **ENDURANCE** button and follow the instructions for Endurance Mode exercise in Section 4.8. Endurance Mode on page 11.

3. View a list of previous exercises (Memory)

Press the **MEM** button to see previous results, as discussed in Section 7.9. Memory Mode on page 16.

4. Turn off the device

Press and hold the **OK** button for a few seconds to turn off the device.



In this example, the user has completed 01 maneuvers today.

This user is ready to start the next maneuver



7.9 MEMORY MODE

Memory Mode is used to view the results of all previous exercises. Memory Mode has three options:

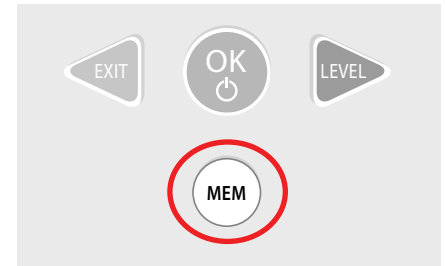
1. The last 30 Exercises
2. Daily, Weekly, and Monthly Scores
3. Overall Maneuver Averages for Endurance Exhale, Endurance Inhale, Strength Exhale and Strength Inhale

STEP 1 : PRESS MEM Button

The first step in entering Memory Mode is to press the **MEM** button.

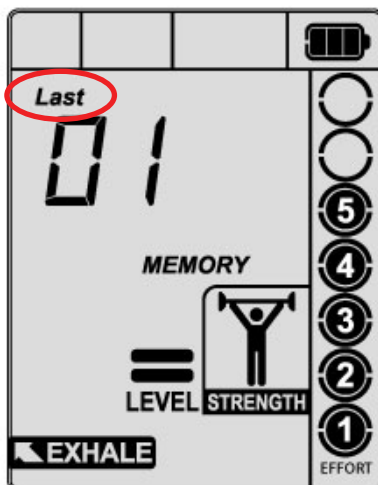
A short animation will appear for a few seconds and then the last of the previous 30 training scores will appear (default). Pressing the **MEM** button will navigate through the three different Memory Mode options.

NOTE: You can press the **ENDURANCE** or **STRENGTH** button to exit the memory at any time. This will return you to the Endurance or Strength screen and you can immediately train.

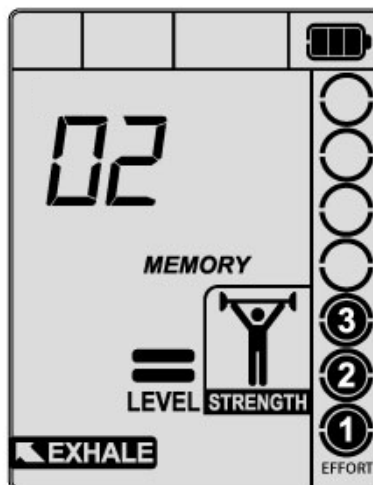


MEMORY MODE OPTION 1: THE LAST 30 EXERCISES

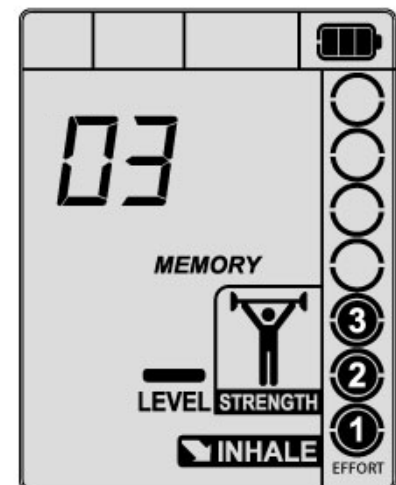
In this memory mode option, the user can view the previous maneuvers completed. You can view up to thirty previous maneuvers. By default, the first screen will show the last exercise done, indicated by 01 and LAST will appear on the top left hand of the screen. Pressing the **EXIT** or **LEVEL** button will scroll through previous exercises. (02, 03, 04, etc.)



The users most recent (01) maneuver was exhaling on strength mode at level 2 and an effort of 5.



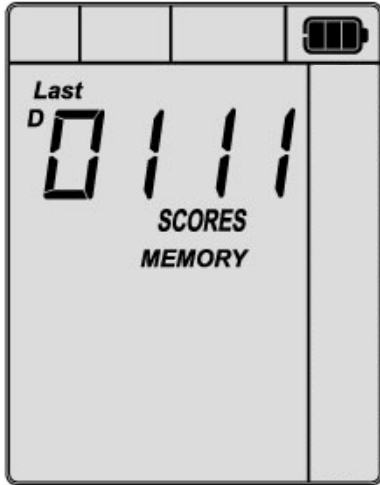
The users 2nd most recent (02) maneuver was exhaling on strength mode at level 2 and an effort of 3.



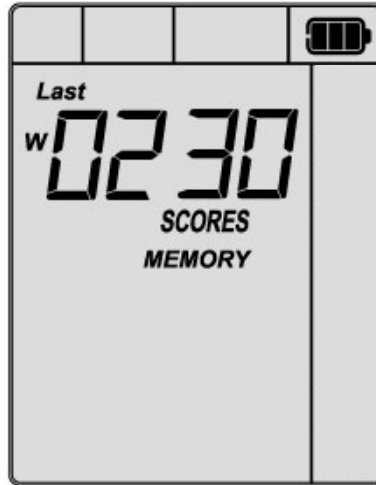
The users 3rd most recent (03) maneuver was inhaling on strength mode at level 1 and an effort of 3.

MEMORY MODE OPTION 2: DAILY, WEEKLY AND MONTHLY SCORES

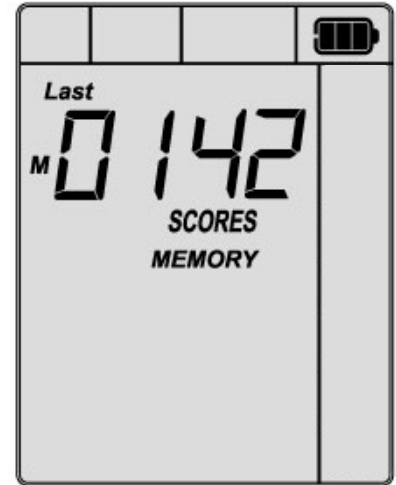
In this memory mode, you can view your scores by Day, Week or Month. You can navigate through the Day, Week and Month scores by pressing the **OK** button. Pressing the **EXIT** or **LEVEL** button will scroll through previous scores within the Day, Week or Month.



In this example the Average score for Day 01 (the most recent day) is "11"



In this example the Average score for Week 02 (the 2nd most recent week) is "30"



In this example the Average score for Month 01 (the most recent month) is "42"

The LungBoost uses mathematical equations to score your exercises.

The Endurance Scores take into account BOTH the average amount of seconds inhaled and exhaled AND the number of times you exercised. When you first begin and the exercises are easy, your scores go up faster. But as you improve, it becomes more difficult to get a better score. As you progress, you have to work harder.

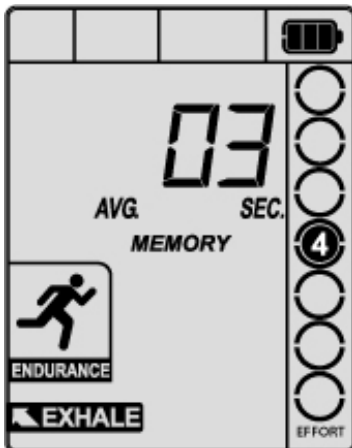
The Strength Scores take into account BOTH the average ball height inhaled and exhaled AND the number of times you exercised. When you first begin and the exercises are easy, your scores go up faster. But as you improve, it becomes more difficult to get a better score. As you progress, you have to work harder.

MEMORY MODE OPTION 3: Overall Maneuver Averages

In this memory mode, you can view 4 averages

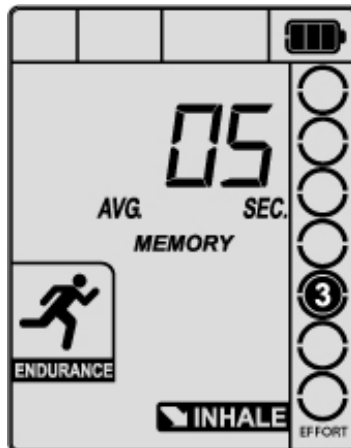
1. Endurance Exhale
2. Endurance Inhale
3. Strength Exhale
4. Strength Inhale

Endurance Exhale



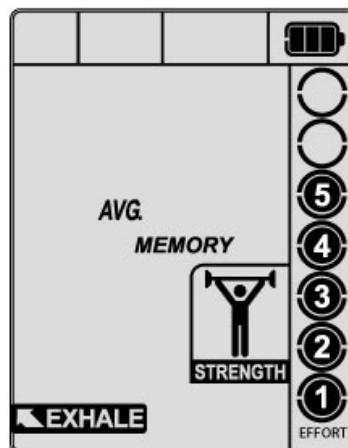
The user's average for Endurance Exhale was 03 seconds at effort 4 (ball 4)

Endurance Inhale



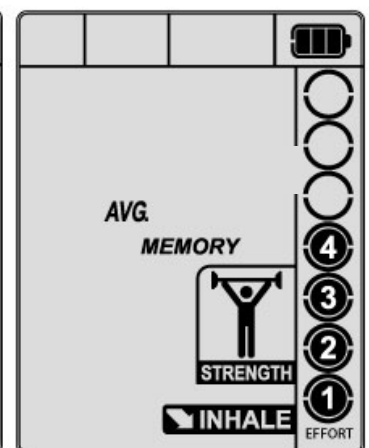
The user's average for Endurance Inhale was 05 seconds at effort 3 (ball 3)

Strength Exhale



The user's average for Strength Exhale was an effort of 5 (ball 5)

Strength Inhale



The user's average for Strength Inhale was an effort of 4 (ball 4)

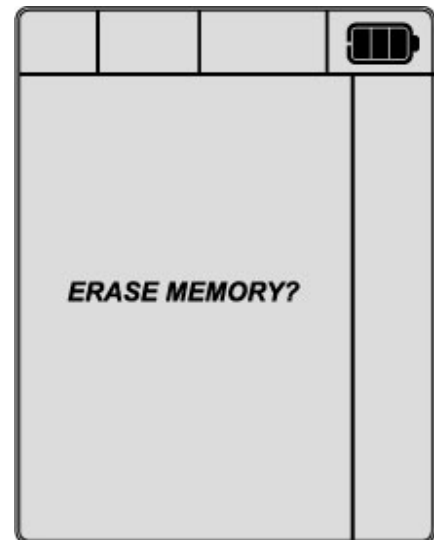
ERASE ALL HISTORY DATA

You can choose to delete the information for all previous measurements from the device's memory.

Press and hold the **MEM** button and the **LEFT ARROW** button (**EXIT** button) at the same time to display the "Erase Memory?" screen, as shown below.

Press **OK** to confirm and erase all previous exercises

Press **EXIT** to cancel and keep all of the previous exercises in memory.



WHAT CAN I DO NEXT?

After you have finished displaying data in Memory Mode, several options are available to you:

1. Perform an Endurance Mode exercise

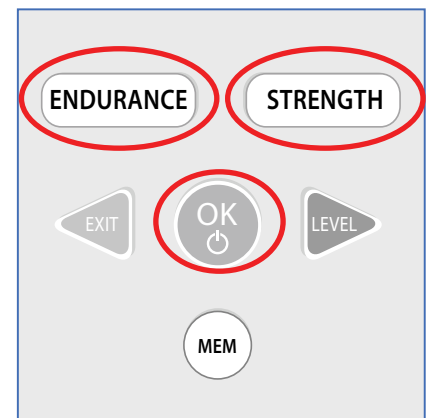
To do an Endurance Mode exercise, simply press the **ENDURANCE** button on the Handheld unit console and follow the instructions for Endurance Mode exercise in Section 7.7. Endurance Mode on page 13.

2. Perform a Strength Mode exercise

To do a Strength Mode exercise, press the **STRENGTH** button and follow the instructions for Strength Mode exercise in Section 4.8. Endurance Mode on page 13.

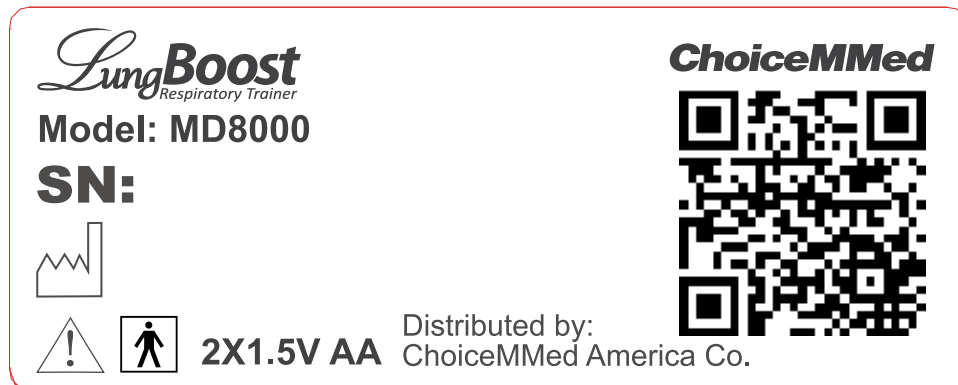
3. Turn off the device

Press and hold the **OK** button for a few seconds to turn off the device.








8. LABELS AND SYMBOLS

8.1. LABELS



8.2. SYMBOLS

A number of internationally recognized symbols are found on the LungBoost unit. These relate to safety requirements and standards and are briefly reviewed below.

	Follow instructions for use
	Serial Number.
	Dispose of this product according to local environmental regulations
	Type BF applied part
	Manufacturer details

9. SPECIFICATIONS

9.1. ENVIRONMENTAL INFORMATION

Operating temperature	0°C to 40°C (32°F to 104°F)
Relative Humidity	30% to 85% non-condensing
Storage temperature	10°C to +65°C (14°F to +149°F)

9.2. ELECTRICAL

9.2.1 BATTERY PACK

Type	2 AA batteries
Minimum expected battery life	1 year

9.3. SIZE AND WEIGHT

9.3.1 HANDHELD MEASURING DEVICE

Dimensions	70 mm W x 117 mm D x 160 mm H
Weight (including batteries)	250g

10. CLEANING AND MAINTENANCE

10.1. NOTES ON CLEANING AND MAINTENANCE

The LungBoost Respiratory Trainer does not require maintenance or cleaning, except as suggested in this User Guide. Any other service should only be provided by an authorized ChoiceMMed representative. Failure to do so voids the warranty.

10.2. GENERAL CLEANING PROCEDURES

Please observe the following cautions when cleaning the device:



Caution: Use cleaning solution sparingly. Excessive solution can cause damage to internal components.



Caution: Contact with solvents can cause severe deterioration of plastic parts and malfunctioning of the instrument and accessories.

10.3. CLEANING THE DEVICE

The device should be cleaned periodically.

The plastic outer surface of the device may be cleaned with a soft, lint-free cloth dampened in a mild soap and water solution or ethyl alcohol (70-85%).

If disinfecting is required, wipe the surface with isopropyl alcohol (IPA), then wipe with a water-moistened soft cloth.

11. TROUBLESHOOTING

The following table lists some typical conditions that may occur with the LungBoost System.

If any problem arises, please contact ChoiceMMed service at service@ChoiceMMed.com.

CONDITION	POSSIBLE CAUSE	RECOMMENDED ACTION
ERROR CODE 1	EMPTY BATTERIES	REPLACE BATTERY
ERROR CODE 3	BUTTON(S) REMAINS PRESSED DURING POWER ON	TURN DEVICE OFF PRESS EACH Button ONCE THEN TURN DEVICE BACK ON. IF ERROR STILL OCCURS, CONTACT CUSTOMER SERVICE
ERROR CODE 22 ERROR CODE 25 "PM" SEGMENT WITH 4 CHARACTERS "D" SEGMENT WITH 4 CHARACTERS	INTERNAL ERROR	CONTACT CUSTOMER SERVICE
ERROR CODE 21 ERROR CODE 26	INTERNAL ERROR	TURN DEVICE OFF THEN ON IF THIS DOES NOT HELP, TURN POWER ON, REMOVE AND INSERT BATTERIES. IF THERE IS STILL ERROR CODE, CONTACT THE CUSTOMER SERVICE.

12. WARRANTY POLICY

Lung Boost is warranted to be free from defects in materials or workmanship for 1 year from the date of purchase. Within this period, ChoiceMMed America will, at its sole option, repair or replace any components that fail in normal use.

We recommend you to visit www.choicemmedamerica.com/warranty to learn more about our detailed and complete warranty service.

To obtain our satisfactory warranty service, the following information is important to attach attention:

12.1 WARRANTY COVERAGE

- 12.1.1 This Limited Warranty is valid for one year, only if you purchased the product from a ChoiceMMed America authorized Reseller.
- 12.1.2 Such repairs or replacement will be made at no charge to the customer for parts or labor, provided the customer shall be responsible for any transportation cost.
- 12.1.3 This warranty cover all defects encountered in normal use of the equipment and does not apply in the following case: (i) cosmetic damage, such as scratches, nicks and dents; (ii) consumable parts, such as batteries, unless product damage has occurred due to a defect in materials or workmanship; (iii) damage caused by accident, abuse, misuse, water, flood, fire, or other acts of nature or external causes; (iv) damage caused by service performed by anyone who is not an authorized service provider of ChoiceMMed America; (v) damage to a product that has been modified or altered without the written permission of ChoiceMMed America.

12.2 OBTAINING WARRANTY

By taking just a few minutes to visit www.choicemmedamerica.com/register to register your product, you can improve your experience with ChoiceMMed America. Enjoy more efficient warranty support and more.

12.2.1 PRODUCT REGISTRATION

12.2.2 Get an RMA Number

Call or email Contact Us to request a RMA number. You will need the device serial number (if applicable), a return shipping address and a daytime phone number.

Phone: (215) 874-0458

E-mail: service@choicemmedamerica.com

For additional support information, please visit www.choicemmedamerica.com/contact.

12.2.3 Send Us the Device

Securely pack the device and a copy of the original sales receipt, which is required as the proof of purchase for warranty repairs. Write the tracking number clearly on the outside of the package. Send the device, freight charges prepaid, to Ship the device (insured) to the following address. It is very important to include your RMA number.

ChoiceMMed America Co.
2558 Pearl Buck Road, Suite 8A
RMA Number: (insert your RMA number here)
Bristol, PA 19007

- Note: If you can not complete the Product Register, please enclose the following items when shipping the device for service:
- (i) Warranty information: RMA number, device model and serial number, a copy of your original sales receipt or other applicable documentation.
 - (ii) Name and phone number of the person to contact for warranty.
 - (iii) A brief description of the problem encountered, or the repairs felt necessary.
 - (iv) Ship to and bill to information