

Thank you for choosing our product. The Aura DT100 is the perfect solution for coin counting, sorting and wrapping. This machine incorporates all the features of a professional coin counter at an affordable price. We recommend reading thoroughly all the information stipulated in this manual in order to make the best use of this product.

PLEASE TAKE NOTICE Should the equipment be altered in any way or used in a manner for which it was not intended at the time of delivery, the supplier of the equipment accepts no responsibility for injury or damage to personnel or equipment. If the conditions for use of the equipment are changed, the supplier must be contacted or the declaration of conformity will be invalidated.

All support provided from our North American 24/7 Support Team.

Please don't hesitate to reach out if you have any query or concern

Support line: 1-332-228-1098

support@deteckusa.com

WARNING

Keep the machine away from heavy humidity and high temperature as it may prevent it from working properly

Do not start the unit when the rear access panel is open. Ensure no coins are in the hopper when the machine is first turned on

Use only the same type and rating fuse when replacing an old one. Using an incorrect fuse rating may cause a potential fire hazard

Do not drop conductive objects into the machine to prevent internal short circuits.

Do not use this machine in areas where it may be exposed to water or other liquids.

Unplug this machine from the wall before opening the back cover for maintenance.

Do not clean the machine with chemical solvents. Use a damp cloth for cleaning.

Do not disassemble this machine as this may expose you to dangerous voltages as well as electrical shocks if wrongly re-assembled. Take it to qualified personnel for service or repair if required.

CAUTION

When not using the machine for a prolonged period of time, please switch off the machine and disconnect the power cord from the machine. Not following these instructions may result in fire, electrical shock or damage to the machine.

Ensure the cable is disconnected before moving the machine otherwise the power cord may get damaged resulting in fire and electrical shock.

Do not pull the cord to unplug the power cord, but rather grip the plug to pull it out.

Do not touch the power cord with wet hands. Not following these instructions may result in fire, electrical shock or damage to the machine.

Do not use the machine if the power cord is damaged or the plug socket is loose. This may result in fire, electrical shock or other hazards.

Do not bend excessively the power cord as it may get damaged. This may result in fire, electrical shock or other hazards.

Do not place heavy objects on the cord. This may result in fire, electrical shock or other hazards.

CONTENT

- 5. SAFETY PRECAUTIONS**
- 6. INSTRUCTIONS BEFORE THE OPERATION**
- 7. OVERVIEW OF THE PRODUCT**
- 9. FEATURES AND SPECIFICATIONS**
- 10. COUNTING OPERATION**
- 15. TROUBLESHOOTING**
- 16. MAINTENANCE AND CLEANING PROCEDURE**
- 21. WARRANTY**

SAFETY INSTRUCTIONS

This product should not be exposed to:

- Shaky or vibrating surface
- High temperature including but not limited to strong sunlight, radiator or heater register. It should not be placed in a built-in installation unless properly ventilated
- High humidity and dust as this may damage the machine
- Water or other liquids. In case of spilled liquid into the interior of the machine, please stop operating, switch off and disconnect the power cord immediately. Contact the service center of help
- Chemical solvents such as oil, gasoline, benzene and acidic liquids. In case of spilled liquid into the interior of the machine, please stop operating, switch off and disconnect the power cord immediately. Contact the service center of help
- Any kind of objects dropped into the machine through the case slots or openings. Especially conductive objects such as paper clips, pins, etc.

Only use the type of cable provided with this machine. This machine should only operate from the type of power source indicated in this user's guide technical parameters. If you are not sure of the type of power supply in your location, consult your dealer or local power company.

Please contact the service center for help or refer to a qualified service personnel under the following conditions:

- Machine dropped or case damaged
- Liquid spilled into the machine or exposed to rain or water
- Power cord or plug is damaged (or frayed)
- Machine does not operate normally after adjusting controls covered by the operating Instructions
- Noticeable change in performance.

PACKAGE CONTENT

1. DT100 Coin Counter
2. User Manual
3. Power Cord (type B)
4. Maintenance Kit
5. Coin Tubes (set of 5)
6. Coin Drawers (Set of 5)
7. Warranty Activation Card

UNPACKING

After unpacking the machine, please store the box and the packing material for future use. Failing to ship the machine back in its original machine box, Styrofoam and packing material will void the machine's warranty.

INSTALLATION

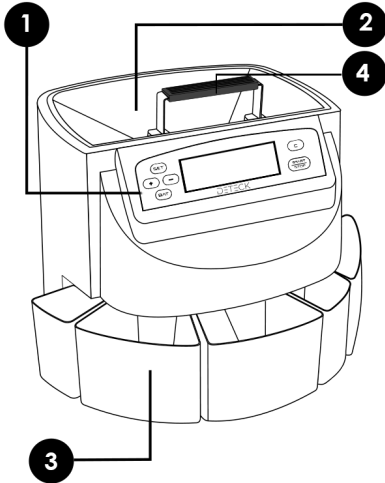
Please follow below step-by-step instructions:

1. Place the machine on a solid flat surface before using.
2. Please review the safety considerations to carefully choose an appropriate workspace environment to operate the machine.
3. Connect the power cord to the machine power supply port (back of the machine).
4. Connect the power cord to a wall outlet or socket.
5. Ensure voltage operating range: AC 110V
6. Turn the machine ON and verify if it is functioning properly.
7. In case of any error message, please check the troubleshooting section or contact the service center for help.

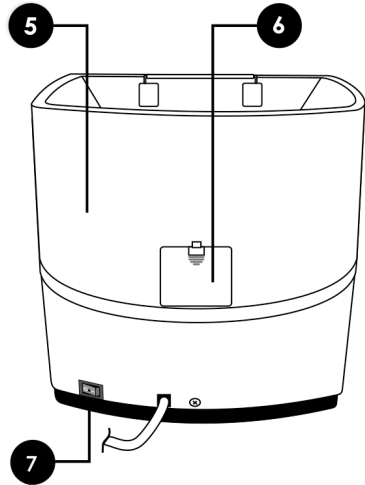
Note: when replacing fuses, make sure to use the same type and rating (5x20mm, 0.5A). The fuses are located in the power jack compartment.

OVERVIEW OF THE PRODUCT

MAIN PARTS

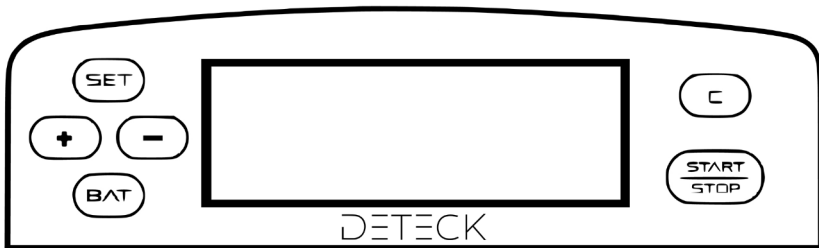


1. Control Panel
2. Coin Hopper / Coin Stage
3. Coin Trays
4. Carry Handle



5. Plastic housing
6. Rear Access Panel
7. Power Switch

MAIN DISPLAY



Front Panel function keys

Start/Stop: Start and stop the counting operation

C: Clears the display and resets the count

The C key must be pressed twice to clear and count and accumulate data after startup

SET: Select/Save the batch quantity for each denomination

Shows batch quantities set for each denomination.

BAT: Selects preset batch quantities.

Press for 3-5 seconds to set preset batch quantities for coin trays

Minus (-): Decreases batch quantity by a value of 1

Also used to clear all batch quantities when pressed for 3-5 seconds

Plus (+): Increases batch quantity by a value of 1

Also used to set batch quantities for coin rolls when pressed for 3-5 seconds

FEATURES AND SPECIFICATIONS

DIMENSIONS

(WxDxH): 11.2x10.25x10.85" (28.5x26x27.5cm)

PACKAGE

(WxDxH): 14.2x11.8x14.2" (36x30x36cm)

NET WEIGHT

8.4 lbs (3.8kg)

GROSS WEIGHT

11lbs (5.02kg)

SCREEN DISPLAY

3.5" LCD

COUNT DISPLAY

4 Digits

BATCH DISPLAY

3 Digits

BATCH RANGE

0-500 coins

COUNTING SPEED UP TO

300 coins/minute

HOPPER CAPACITY

Max. 500 units

POWER SUPPLY

110 VAC / 60 Hz

POWER CONSUMPTION

45 watts max.

AMBIENT TEMPERATURE

32°F - 104°F (0°C - 40°C)

AMBIENT HUMIDITY

30 to 80%

COUNTING OPERATION

IMPORTANT: Before turning on the Aura DT100, please make sure that no coins are present in the Coin Hopper. This will cause an “ER” Error when the Self-test is performed. To Clear the “ER” Error, press the “START/STOP” button, then empty any coins present in the coin trays.

Turn on the Power Switch located on the rear of the machine. The unit will conduct a self-check to confirm the proper operation of all its modules before starting the count.

The Main Display will show “0” when the test has successfully completed. If any error is reported, refer to the maintenance and troubleshooting section of the manual.

I. COUNTING:

The machine always operates in batching mode. To enable simple counting, all batch quantities need to be set to zero.

To set batch quantities to zero, press and hold the “-” button for approximately three to five seconds until you hear a beep.

1. Before loading the hopper, please make sure there are no uncounted coins remaining from the previous count.
2. To count coins, place them into the hopper and press the “START/STOP” button. The machine will automatically sort all coins into the appropriate coin trays.
3. The machine will automatically stop when all the coins in the hopper are counted, or if the batch quantity for any coin denomination is reached.
4. To stop the machine at any time during the count, press the “START/STOP” button. Resume the count by pressing the same button.
5. To reset the coin count before starting a new batch, press the “C” button.

Note: When a coin tray becomes full, stop the machine and empty the tray to ensure a trouble free counting operation. Stopping the machine will not alter or reset the count. You can continue counting by pressing the "START/STOP" button.

During the count, the Aura DT100 will automatically display the total value of counted coins on the screen and value breakdown by denomination.

II. ADDING

The machine operates in ADD mode by default, the coin count is added to the count from previous batches. To start a new count, press the "C" button. This will reset the coin count to Zero

III. SETTING BATCH QUANTITIES:

Each denomination can be assigned a unique batch quantity.

1. Setting Custom batch quantities
 - Press the "SET" until the desired denomination appears on the left part of the screen.
 - To assign a batch quantity for this denomination press the "BAT" button until a desired batch quantity appears on the display (0, 10, 20.... 400, 500, 600, 700, 900). Small adjustments of +/- 1 to batch quantity can be made by pressing "-" or "+" button.
 - Repeat this procedure to set the desired batch quantities for other coin denominations.

2. Setting batch quantities for coin rolls

Press and hold the "+" button for approximately three to five seconds until a beep is sounded. This automatically programs each coin denomination for bank coin roll amounts as follows:

Denomination	Quantity
\$1	25
25¢	40
10¢	50
5¢	40
1¢	50

3. Setting Batch quantities for coin trays

Press and hold the “SET” button for approximately three to five seconds until a beep is sounded. This automatically programs each coin denomination for coin tray amounts as follows:

Denomination	Quantity
\$1	100
25¢	350
10¢	600
5¢	400
1¢	250

IV. CLEAR BATCH QUANTITIES

You may clear all batch quantities by pressing and holding the “-” button for approx. three to five seconds. The unit will make a beep sound, indicating all batch quantities have been reset to zero.

V. WRAPPING COINS

The coin tube attachments allow you to sort coins directly into preformed paper bank roll wrappers.

To use the coin tube attachments, perform the following steps:

1. Remove the coin tray(s) for the denomination coins that will be using coin tubes.
2. Insert the correct paper wrapper in the coin tubes with the folded end down. Ensure the top of the paper wrapper is below the top lip of the coin tube as shown in Figure 1.
3. Attach the coin tubes to the DT100 by slowly sliding each tube into the proper slot in the base of the machine as shown in Figures 2 and 3.

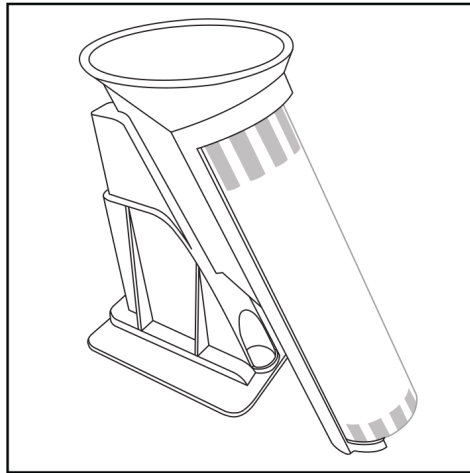


Figure 1 - Coin roll inserted into coin tube

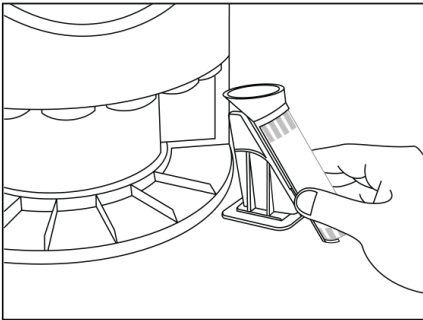


Figure 2 - Installing coin tube

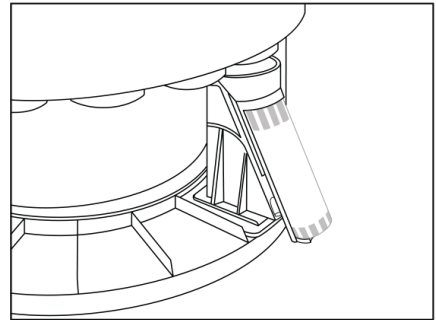


Figure 3 - Coin tube in proper position

Use coin denomination labels to help you place the coin tubes. Coin tubes should be placed exactly underneath the coin denomination label.

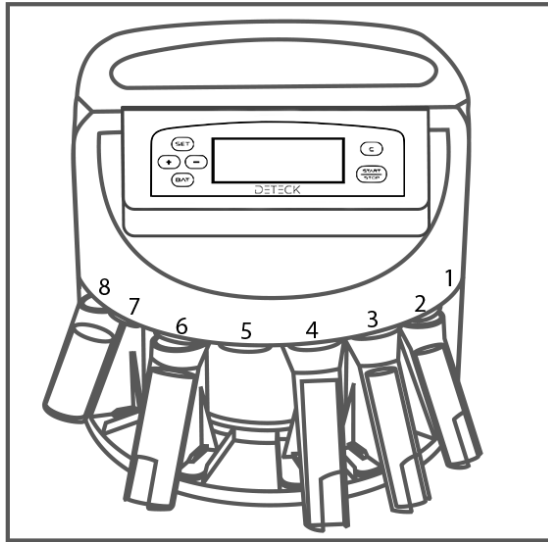


Figure 4 - Coin Tube Placement

4. Set coin roll batch quantities for each coin denomination by pressing and holding the “+” button for approximately three to five seconds until a beep is sounded. This programs each coin denomination for standard bank coin roll sizes (see Section III. Setting Batch Quantities)
5. Load coins into the coin hopper and press the “START/STOP” button. The Aura DT100 will automatically dispense the correct number of coins into each coin tube.
6. Remove the full coin tube from the Aura DT100 and slide out the paper wrapper containing the coins. Fold the open top end of the wrapper. Insert and empty wrapper in the coin tube and reinstall the coin tube.
7. Press the “START/STOP” button to continue batching.

TROUBLESHOOTING

Error Code	Reason	Corrective Action
EA	Coins present in the hopper when the machine is turned on or defective coin sensor	Press the "Start/Stop" button to clear the error
E1-E8	Counting sensor error (May have collected dust, or is obscured by a foreign object)	Clean the Counting sensor using an Air Duster Can Ensure coin outlet openings are free of any obstructing object
E9	Running sensor error	Clean the running sensor (refer to the maintenance section). Inspect the interior of the machine for possible foreign material that may be preventing the coin platter from rotating.

If the error persists, contact DETECK Technical Support Team

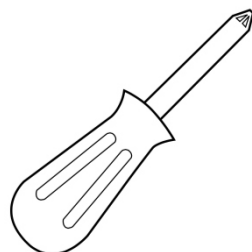
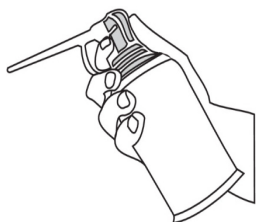
Problem description	Cause/Action
Does not function after the unit has been turned on	Ensure the power cord is connected properly. Unplug the machine from any power source and replace the fuse (F2AL250V) located on the bottom of the machine
Inaccurate counting	Clean counting sensors using an air duster or microfiber cloth. Refer to the maintenance section.
Coins are jammed	Turn off the machine. Remove the three housing screws and carefully lift up the housing. Remove any foreign objects or coins from the distribution place. Refer to the maintenance section

MAINTENANCE AND CLEANING PROCEDURE

Standard maintenance and cleaning of the unit are important and recommended to significantly prolong the lifespan of the product. Cleaning the unit helps prevent issues that may lead to costly repairs. Dirty sensors can affect the overall performance of the Aura DT100, which can lead to a variety of errors such as E1 - E9 and EA codes. We suggest cleaning the unit on a regular basis to maintain top performance. Keep the machine covered when not in use.

Items Needed

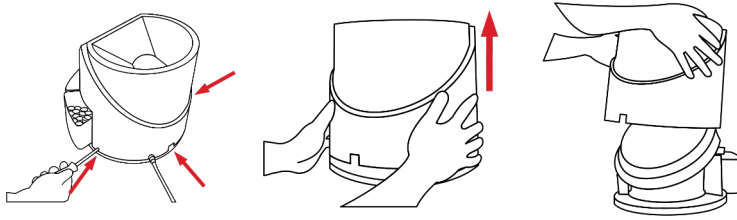
- Can of compressed air
- Cleaning cotton swab
- Phillips screwdriver



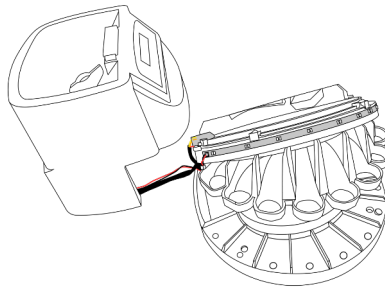
STEPS

1. Turn the power switch off and disconnect the power cord from the outlet.
2. Using a Phillips screwdriver, remove the three screws located at the bottom edge of the housing, that secure it. The picture below shows the location of the three screws:

IMPORTANT: Use at your own risk, DETECK USA is not responsible for any damage to the unit and/or electronics when performing the maintenance procedures.

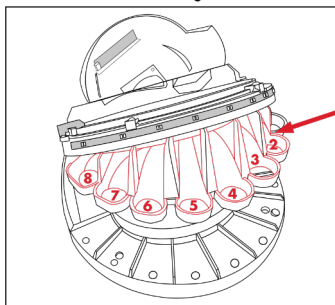


3. Remove the housing by slowly lifting straight up. Be aware two cables will remain attached to the housing. **CAUTION:** Do not pull or twist the cables.



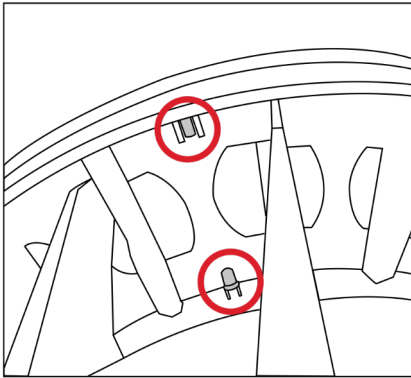
COUNT SENSOR CLEANING (E1 - E8 ERROR TROUBLESHOOTING).

4. Refer pictures below to locate counting sensors (one dark, one clear) positioned at the top of coin discharge chutes which are placed under the distribution wheel. The counting sensors (one dark, one clear) are located at the top of 2,3,4,6 and 8th coin discharge chutes.

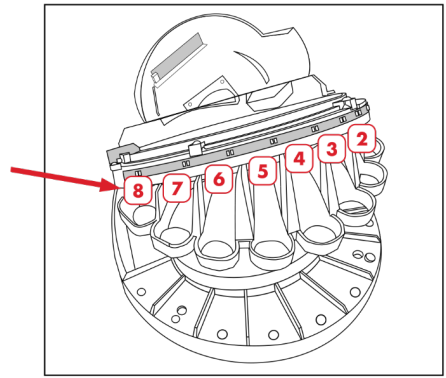


Coin discharge chutes

- Using a cotton swab or a microfiber cloth lightly moistened with isopropyl alcohol, clean the round end of each pair of counting sensors in each coin path. Next inspect the coin discharge paths for any debris that might be obstructing the sensors (paper coin tube wrappers, etc.).
- Check if the sensors are positioned straight, if not, straighten them up gently. Too much force can damage the sensors.



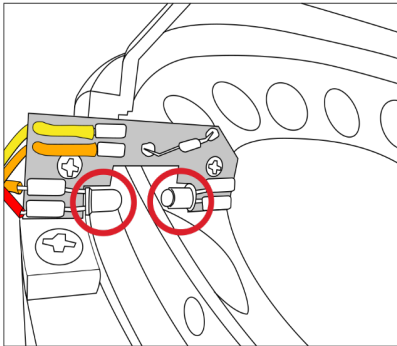
Pair of counting sensors



Pair of counting sensor positioned at the top of the coin discharge chutes

RUN SENSOR CLEANING (E9 ERROR TROUBLESHOOTING)

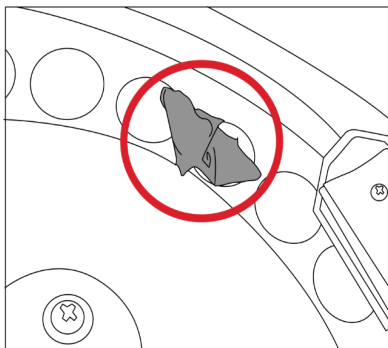
7. Locate the run sensor pair.



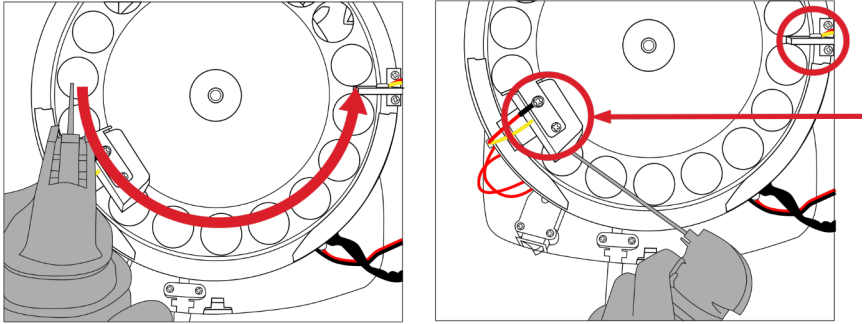
8. Gently wipe the run sensor pair with a cotton swab or a microfiber cloth lightly moistened with isopropyl alcohol.
9. Check if the sensors are positioned straight, if not, gently straighten them up. Too much force can damage the sensors.

EA ERROR TROUBLESHOOTING

10. Inspect the interior of the machine. Remove coins or any other foreign objects that may be preventing the coin platter from rotating.



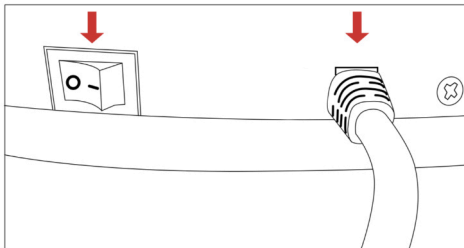
11. Clean the dust from the distribution wheel and sensors using an air duster. Spray the air duster from left to right with a rotative circle as shown below. Intensify the spraying around sensors. Be cautious and always keep the nozzle 1-2 inches away from the unit.



Coin Presence Sensor (Intensify spraying around the sensor)

12. Reinstall the housing. Housing must be properly lined up with the AC power cord at the back of the machine.

Do not force the housing while placing it back, as this could damage the coin feed mechanism built into the housing.



13. Reinstall all three cover screws removed in the beginning of this section.
14. Ensure all cleaned parts are dry of the cleaning agent prior to use.
15. If, after following this procedure, issues are still occurring with the machine, please contact DETECK USA support team - support@deteckusa.com for further troubleshooting.

WARRANTY

This DETECK product is warranted to be free of defects in materials and workmanship for one (1) year after the date of purchase. Please ensure you activate your warranty by visiting our website: <https://deteckusa.com/warranty>

These warranties do not cover consumer caused damages such as misuse, abuse or repairs attempted by the consumer. This limited warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

We warrant that during the warranty period, the product will be free from defects in materials and workmanship. We limit the duration and remedies of all implied warranties, including without limitation the warranties of merchantability and fit-ness for a particular purpose to the duration of this express limited warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

The remedies described herein are your sole and exclusive remedies and our entire liability for any breach of this limited warranty. Our liability shall under no circumstances exceed the actual amount paid by you for the defective product, nor shall we under any circumstances be liable for any consequential, incidental, special or punitive damages or losses, whether direct or indirect. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Our responsibility for defective goods is limited to repair, or replacement as described below in this warranty statement.

WHAT DOES THIS WARRANTY COVER? This limited warranty covers defects in materials and workmanship of the DETECK products (the “product”) for the Warranty Period as defined below.

WHAT DOES THIS WARRANTY NOT COVER? This warranty excludes batteries and any electrical components or products. This limited warranty does not cover any damage due to: (a) carelessness; (b) misuse; (c) commercial use; (d) abuse; (e) improper installation; (f) modification; (g) normal wear and tear; (h) loss; (i) theft; (j) deliberate damage or cosmetic damage that does not hinder the performance of the product; or (k) external causes such as accidents, or other actions or events beyond our reasonable control.

WHAT IS THE PERIOD OF COVERAGE? This limited warranty starts on the date of your purchase and lasts for one (1) year (the “Warranty Period”). The Warranty Period is not extended if we repair or replace the product. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

WHAT ARE YOUR REMEDIES UNDER THIS WARRANTY? With respect to any defective product during the Warranty Period, we will, in our sole discretion either (a) repair or (b) replace such product (or the defective part) free of charge. Customer should allow the manufacturer the time and opportunity to test and diagnose the machine to determine warranty and non-warranty claims

HOW DO YOU OBTAIN WARRANTY SERVICE?

Unless restricted or prohibited by applicable law, in returning this DETECK product for repair or replacement under this warranty, the original consumer purchaser must prepay all postage, shipping transportation, insurance and delivery costs, and the DETECK product must be delivered in its original carton placed in a shipping or freight package offering an equal degree of protection. DETECK will not be responsible for any loss or damage incurred in connection with the return of this product.

If defective, the product will be repaired or replaced at DETECK’s option, at no charge. If defective, the product will be repaired or replaced at DETECK’s option, at no charge. DETECK may replace your product with a product that was previously used, repaired and tested to meet DETECK specifications. DETECK will pay to ship the replacement product to you. By sending products for replacement, you agree to transfer ownership of the original product to DETECK.

To obtain a return address, please call us at (332) 228-1098 or email us at support@deteckusa.com

All support provided from our North

American 24/7 Support Team

1-332-228-1098

support@deteckusa.com

If you need to contact Deteck Technical Service Center, please have the following information with you:

- Product Model: Located on the back side of the machine
- Serial Number: Located on the bottom of the machine
- Nature of the problem: What happened, and when did it happen? Did the machine display an error message?
- Steps Taken: Steps already taken to resolve the problem, and the results. (if any)

All support provided from our North

American 24/7 Support Team

1-332-228-1098

support@deteckusa.com



**CHOKING HAZARD.
SMALL PARTS.**
Not for children under
3 years old.



**WARNING: RISK OF
ELECTRICAL SHOCK.** This
equipment is to be serviced by
trained personnel only.



**DO NOT DISPOSE
IN TRASH.** Follow
appropriate local electronics
scrap procedures.



**WARNING: HAZARDOUS
MOVING PARTS.** Do not
place fingers, hair, clothes,
lanyard... near moving parts.



PROP 65 WARNING. This product may contain chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.
<https://oehha.ca.gov/>