

waykar

Commercial Dehumidifier

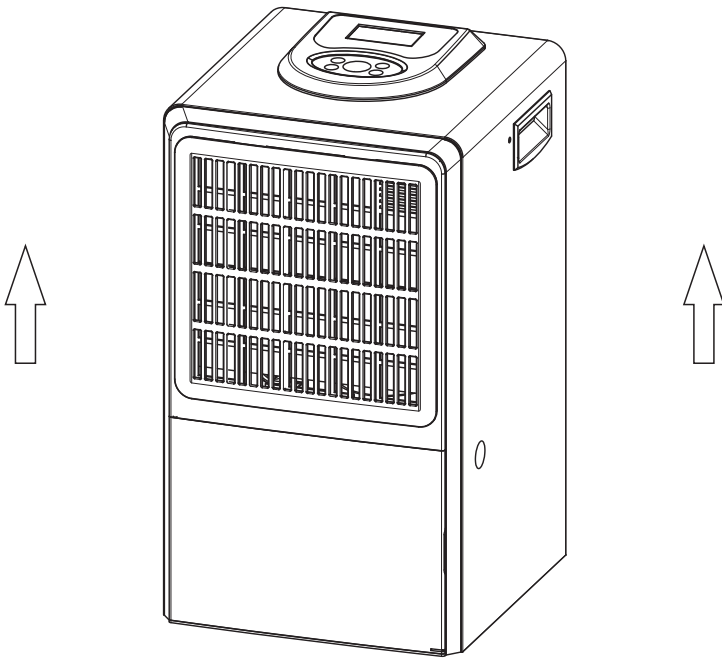
Please read the manual carefully
before using the unit

YDA-858E

USER MANUAL

BEFORE FIRST USE:

To prevent any internal damage, it is very important to keep refrigeration units (like this one) upright throughout their journey. Please leave it standing upright and outside the box for **24 HOURS** before plugging it in.



FOR CUSTOMERS

Thank you for purchasing our dehumidifier. **waykar** wishes that our products and services can bring convenience to your work and life. We highly recommend that you keep the manual for reference if you encounter unexpected events using the unit. Please read the manual carefully to ensure the proper use of the dehumidifier. Our company's dehumidifier is widely used in family bedrooms, bathrooms, basements, offices, storage rooms, etc. This dehumidifier from **waykar** operates quickly and efficiently to reduce room's humidity and bring you a healthy and comfortable life.

To Access Customer Support Faster

If there is any problem of the product, please contact Waykar Customer Service at support@waykar.com with your purchase Order ID to help us address the problem faster.

CATALOG

Precaution For Use.....	01
Product Structure.....	02
Control Interface.....	03
Operation Instructions.....	04
Cleaning and Maintenance.....	10
Common Faults And Solutions.....	11
Safety Note.....	13
Technical Parameters.....	14
Warranty&Contact Us.....	15

Statement

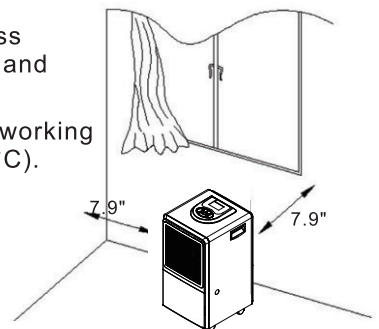
The graphics and functions provided in this manual may not be the same as the actual product. Please always refer to the actual product. The model of the machine on the manual is for reference only. Please check the corresponding content on this manual. This manual belongs to the company rights.

PRECAUTIONS FOR USE

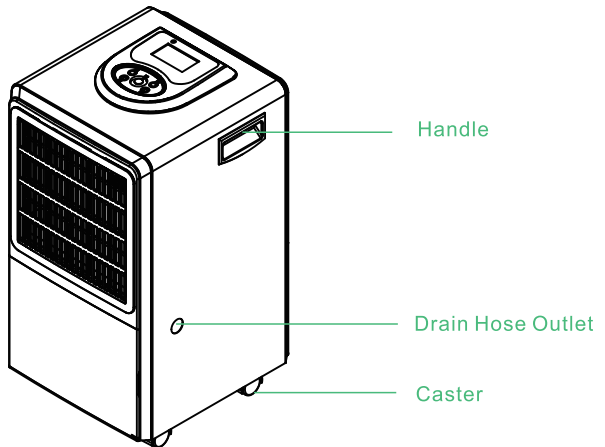
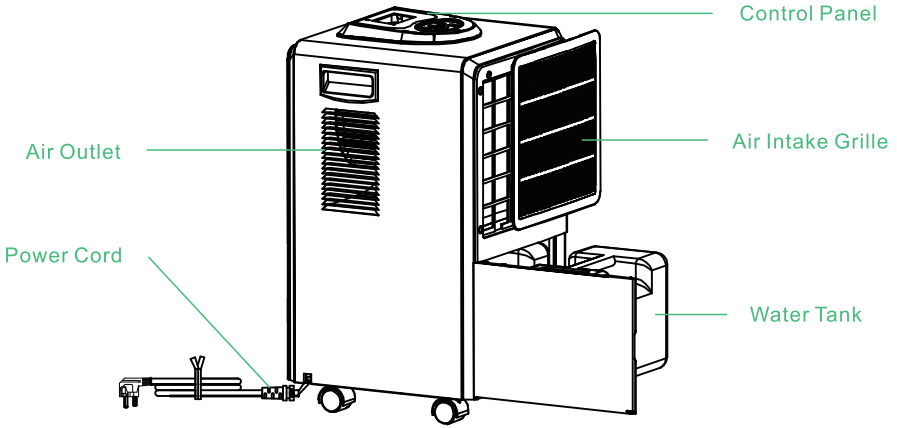
Safety notes:

For your safety, please read the manual carefully and keep the manual before you use the product for reference. This product is for home use only. Please use this product according to the installation and operation of this manual.

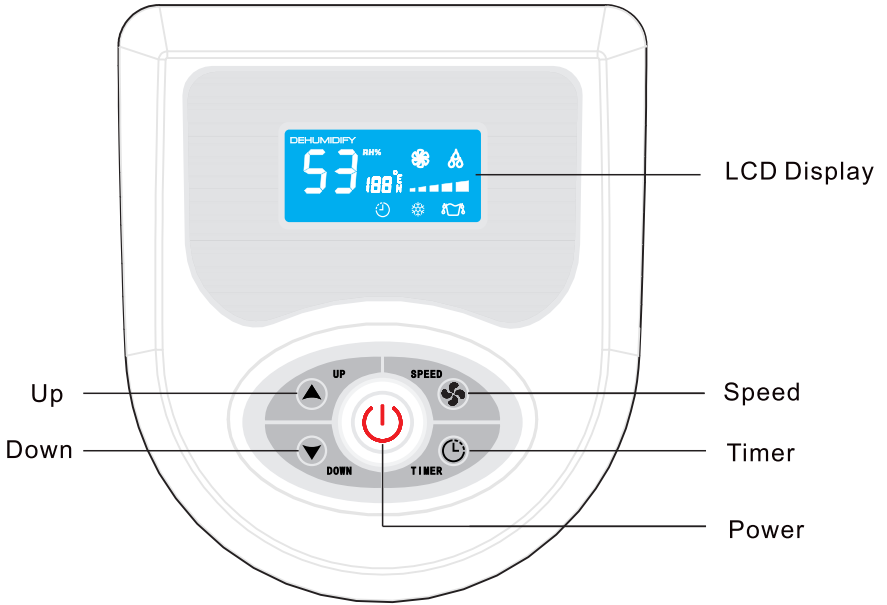
- Before cleaning the dehumidifier, turn off the power and unplug it from the power outlet.
- Please do not place the machine near heat or flammable dangerous goods.
- Do not insert your fingers or sticks into the air inlet or outlet.
- Always keep the machine on even surfaces, avoid placing the machine on uneven or sloping ground.
- Do not spray water, insecticides or flammable liquids on the unit.
- This machine should not be placed in a confined and narrow space.
- When the power cord is damaged, it must be replaced by a technician approved by the company .
- When using the dry clothes function, the clothes should be kept at least 40cm away from the air outlet to prevent water from entering the machine and damage the machine.
- The machine power wiring must be in accordance with national wiring rules, and, power line should be connected to the reliable external Naught wire.
- The fixed wiring of the machine connection must be equipped with an all-pole disconnect device (air switch) with at least 0.118inches contact opening distance.
- Model specification of safety tube:3.15A
- This product is not intended for use in the following crowd. (including children under 8 years old). The people who got physical slump, mental sensitivity, mental illness, mental retardation and lacks the knowledge on using this product unless with the supervision of a person who can guide and teach them to use the machine.
- This dehumidifier is designed to operate with a working environment between 41°F (5°C) and 95°F (35°C).
- When using dehumidifier, other objects surrounding the machine at least need to keep a distance of 7.9inches(20cm). As the picture show:



PRODUCT STRUCTURE



1. Control Panel



Button Instruction



Power Button

Press to turn on or off



Up Button

Setting the humidity up



Down Button

Setting the humidity down



Timer Button

Press to initiate the auto start and auto stop feature



Speed Button

Control the fan speed

2.Setting

Setting Humidity

The humidity level can be setted with a range of 10%RH to 99%RH in 1% increments.

- -When it starts work, it will first automatically detect and show the room's humidity. Press the "UP" button to change the humidity selection in 1% increments.Press "DOWN" to make it decrease by 1%RH.
- -When the humidity level is higher or drops to the level you have set,the dehumidifier will automatically begin to work or stop.
- -When the humidity level is set at 30%RH, the dehumidifier will be work at CONTINUOUS dehumidifying mode.



Timer Setting

In the power on or standby state, press the "Timer" button once to enter the timer setting state: Indicator Timing light, the unit of time is bright, small number"188" .flashes to show the time. In the timing setting state, press the "Up" or "Down" button to set the desired time, setting range 01~24h, can be cycled. Pressing the button once or no button operation for a few seconds, the timing setting state is automatically exited. If the time is set to 00, the timing setting is invalid.

Speed Button

Controls the fan speed. Press to select either High or Low fan speed. High fan speed will result in quicker moisture removal. Set the fan control to High for maximum moisture removal.When the humidity has been reduced and quiet operation is preferred, you can set the fan speed on" Low".

Overflow Protection

When the bucket full of water, the machine will turn off automatically. The indicator light  will flash. After you empty the water from the bucket, the indicator light  will turn off. The machine will restart to work. (There is a 3 minute delay between machine start and stop)

Auto Defrost Function

When the dehumidifier is running at a lower temperature, the system will automatically determine whether there is a presence of frost. If the machine determines there is a presence of a frost, it will defrost automatically.

Defrost Action

The fan runs at high wind speed when the compressor stops.

Defrost Status Display

On defrosting status, the defrost indicator  is flashing.

When defrosting, it is in high wind speed operation, after defrosting, it will return to before set wind speed operation.










Action description of Power on:

Power on: The fan starts on, the compressor will delay several seconds to start on.

Power off: The compressor stops immediately, the fan will delay several seconds to stop.

Under the condition of continuous power on, the compressor can be started again after 3 minutes of shut down.

3. Display Status Description

- On time-delay status,  the fan indicator will be flashing.
- When the room humidity is reach the setting humidity , the  and the humidity data will be flashing.
- When the machine is power on , the  is light up from left to right.
- When the machine work in low speed,  the fan indicator will be turn around in low speed; When the machine work in high speed  the fan indicator will be turn around in high speed.
- When set the timer or If the timer is setup properly, the indicator  will light up, when the timer is not setup properly the indicator  light will be showing off.
- When the machine is defrosting, the defrost indicator  will be flashing, defrosting end the light goes out.
- When the water tank is full, this indicator  will be flashing. Otherwise , it will be off.

5. Error&Protection Code

Number	Error Code	Name of The Fault	Note
1	E1	Humidity sensor error	
2	E2	Defrost temperature sensor error	
3	E4	Temperature sensor error	
4	E7	Bucket is full, empty the bucket	

Attention

When the machine signals the alarm, it will flash or display the alarm, in case there are multiple error on the unit, it will show the error in a turn display behavior.

1. When the fault alarm for a few seconds, press any button to remove the alarm sound.
2. When one of the above malfunctions occurs, the buzzer will alarm for a few seconds. Press any key during the alarm to release the alarm sound.

If the malfunction is still present, please don't hesitate to contact Waykar Customer Service email: support@waykar.com for help.

Note:

Before starting the machine, please ensure that the air outlet has been opened, otherwise the machine will overheat. Do not pull out the power cord directly to stop the machine.

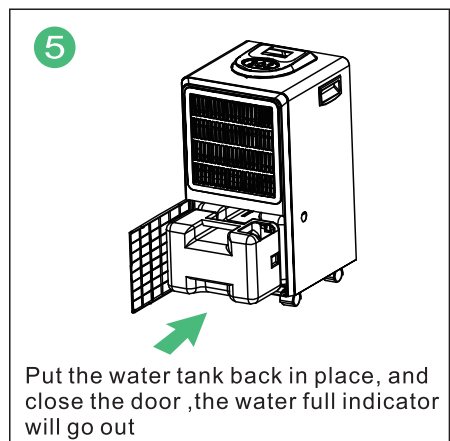
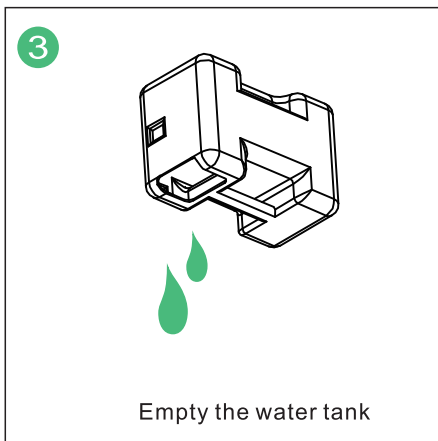
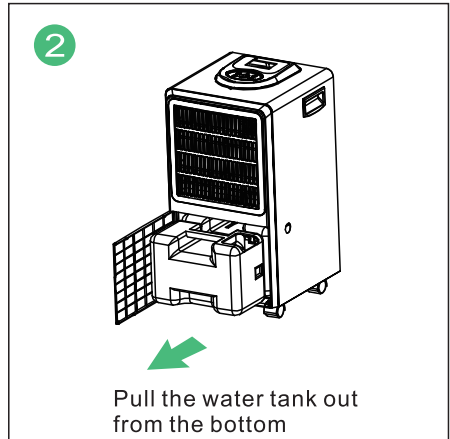
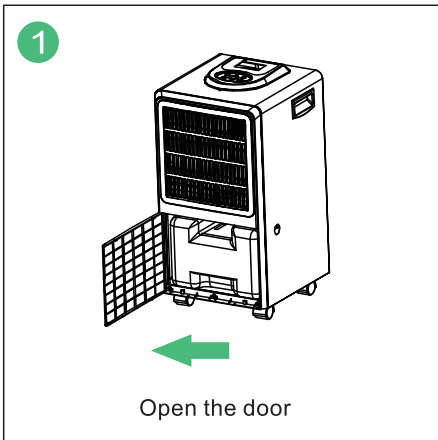
6. Emptying the Tank or Bucket

There are two ways to remove collected water.

Use the Bucket

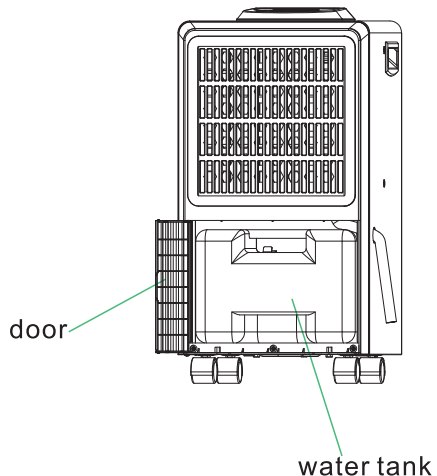
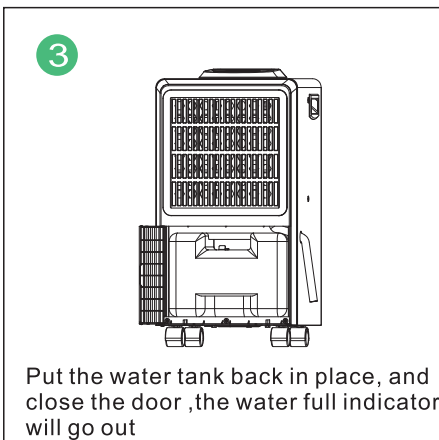
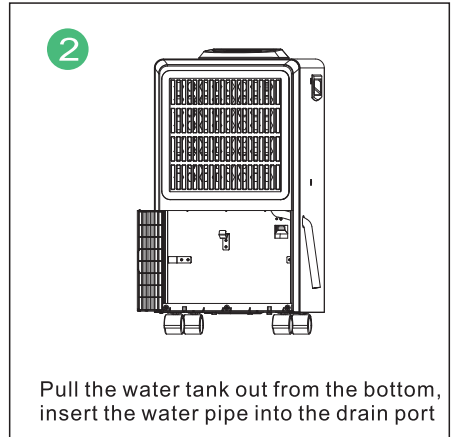
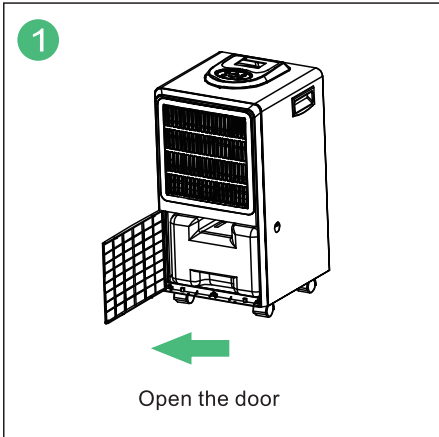
When the water tank is already full, the Full Tank Alert indicator will light up, the dehumidifier will automatically shut down until the tank has been emptied and placed back to the unit.

Ways to Empty the Water Tank



7. Continuous Drainage

Remove the power supply, Open the door, take out the water tank, insert the water pipe into the drain port and Put the water tank back in place. Connect the power supply to start the operation. The water outlet of the water pipe should be lower than the continuous drainage port by more than 3.9 inches, and the water pipe cannot be bent. (The continuous drain port diameter is 0.63 inch.)



CLEANING AND MAINTENANCE

⚠ WARNING:

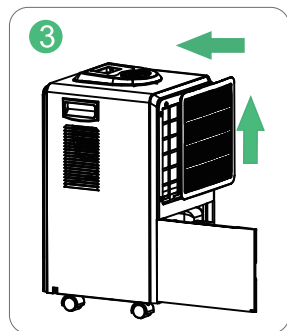
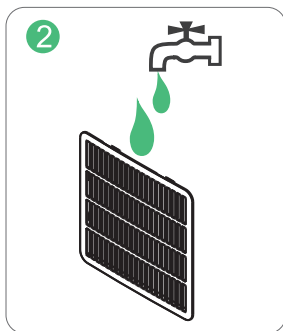
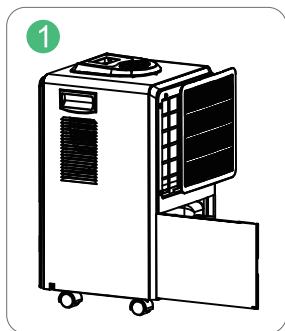
Turn the dehumidifier off and remove the plug from the wall outlet before cleaning.

A- Cleaning the dehumidifier body

Please use only a soft and a bit wet textile or cloth to clean it.

B- Cleaning filter

- Pull out the filter.
- Clean the filter: Use a vacuum cleaner to gently remove the dust from the surface of the filter. If the filter is very dirty, wipe it with warm water and a mild detergent and dry it completely. Slowly insert the filter back into the fuselage.



C-dehumidifier storage

When you want to store the dehumidifier because you don't use it for a long time. Please pay attention to the following steps:

- 1 Empty the water in the water tank.
2. Roll up the power cord and tie it up.
3. Clean the filter.
4. Place the machine in a cool and dry environment.

COMMON FAULTS AND SOLUTIONS

Check the information below for troubleshooting steps that will save you time to resolve issues that may happen with the unit. The list includes most common issues. Listed below are not result of defective unit, crafts or materials in the unit. If all troubleshooting steps has been exhausted and issue is still occurring, feel free to get in touch with Waykar Customer Service to get further assistance.

Problem	Reason	Method
Dehumidifier does not work	Is the power cord connected properly?	Make sure that the unit's plug is inserted properly into the power outlet.
	Bucket is not in the proper position	Pull out the water tank and put it back in properly on the machine. Make sure as well that the water tank is empty.
	Room temperature too high or too low. Below 41°F(5°C) or above 95°F (35°C)	Our product are not suitable to work in places that are exposed in too much heat or cold environment.
	Room temperature between 41°F(5°C)and 68°F (20°C)	The machine will defrost automatically.It is the normal phenomenon.
	Does the ambient humidity is lower than the humidity setting set to the machine?	Please set the humidity more than the ambient humidity 3RH% or set the humidity 30RH%.
	There is prevent frequent start function in the machine. Dose the machine stop working just now?	Please wait for more than 3 minutes.

COMMON FAULTS AND SOLUTIONS

Poor dehumidification efficiency	Poor air circulation	Please leave about 20cm around the product.
	Low ambient humidity	It is just the expected behavior from the machine.
The dehumidifier makes a loud noise when operating	Is the machine tilted?	Move the machine to a horizontal position.
	Is there blocking around the air inlet?	Clean up the dirty form the air outlet and intake.
	Is the filter installed correctly?	Please check whether the filter packing bag removed and install correctly.

Warning:

If the dehumidifier is still not working properly as expected and the troubleshooting steps or solutions above may not resolve the issue. Please unplug the power and shut down the dehumidifier then contact waykar customer service support@waykar.com

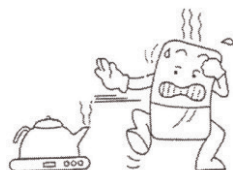
SAFETY NOTE



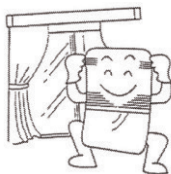
- 1 When using, make sure doors and windows are closed to get the best humidity removal effect.



- 2 Do not insert thin rods and hard objects into the fuselage to avoid malfunction and danger.



- 3 When using, please keep the machine away from heating furnace, electric kettle and other heat sources.



- 4 When cleaning the dehumidifier fuselage, please use wet cloth or textile to wipe the unit's surface gently, do not splash water on the unit directly.



- 5 Please do not put objects around the body. If the ventilation is blocked, the dehumidification effect will be affected.



- 6 If do not use the product for a long time, please unplug the power cord.



- 7 When on continuous drainage, make sure the drainage pipe is placed horizontally on the ground. Avoid the pipe to be on uneven surface or in an arch position.



- 8 Please do not put any object on the dehumidifier.



- 9 Please clean the filter every two weeks (do not use hot water above 104°F, gasoline toluene)



- 10 When continuous drainage, the drainage pipe must be placed horizontally, cannot be an uneven and winding situation.



- 11 After cleaning the filter, do not dry the unit under direct sunlight to avoid filter deformation.



- 12 Before moving and carrying the machine, please first pour out the water in the tank.

TECNICAL PARAMETERS

MODEL NO.	YDA-858E
POWER SOURCE	120V~60Hz
RATED POWER(95°F,90%RH)	1120W
RATED CURRENT(95°F,90%RH)	10A
MOISTURE REMOVAL CAPACITY(65°F,60%RH)	43 Pints/Day(20.3L/Day)
MOISTURE REMOVAL(80 °F,60%RH)	62 Pints/Day(29.6L/Day)
MOISTURE REMOVAL(86 °F,80%RH)	103 Pints/Day(48.6L/Day)
MOISTURE REMOVAL(95 °F,90%RH)	130 Pints/Day(61.6L/Day)
INPUT POWER(65°F,60%RH)	550W
INPUT CURRENT(65°F,60%RH)	4.9A
IEF(65°F,60%RH)	1.60 liters/kWh
MOTOR FLA	0.7A
MOTOR COMPRESSOR	RLA:6.4A LRA:38A
REFRIGERANT	R410A/16.93ozs(480g)
MAXLMUM ALLOWABLE PRESSURE	800PSIG(5.5MPa)
HIGH PRESSURE	580PSIG(4.0MPa)
LOW PRESSURE	247PSIG(1.7MPa)
DIMENSIONS	13.8x15.0x26.0inch
WEIGHT	60LB

 WARNING:

This product can expose you to chemicals including Styrene and its compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov

Warranty

Waykar offers a 12-month warranty to all of our products, newly purchased and unused, from Waykar or through an authorized reseller, together with the original proof of purchase when a defect occurred, wholly or substantially, or as a result of faulty manufacturing, parts or workmanship during the Warranty Period. The warranty does not apply if damage is caused by other factors, including without limitation of:

- (a) Normal wear and tear;
- (b) Abuse, mishandling, accident or failure to follow operating instructions;
- (c) Exposure to liquid or infiltration of foreign particles;
- (d) Servicing or modification of the product other than by Waykar.

These are our general terms for the warranty service, but we always urge our customers to reach out to us with any issue, regardless of warranty terms. If you experience an issue with a Waykar product, please contact us at support@waykar.com, we will do our best to resolve it for you.

Extend Your Warranty by 1 Year

Register your product at www.waykar.com to extend your 1-year warranty by an additional year.

*Please filled out all required fields and include your order ID, Date of Purchased if applicable.

Customer Support

If you have any questions or concerns about your product, please feel free to contact our expert support team. Waykar customer service is here to help!

Waykar Office

13211, Spring Street Baldwin Park, CA, US

Email: support@waykar.com

Live Chat: www.waykar.com

Support Hours

24 Hours available

*Please have your order number before contacting customer support.

waykar

For FAQs and more information please visit:
www.waykar.com



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(Scan the QR Code for Live Chat)

We would love to see our product being used and how it makes your day!! Your support means the world, Please tag us if you share a snap on your social media.

www.waykar.com