



Smart Sprinkler Controller with HD Camera



User Guide
VERSION 1.2

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What's in the Box

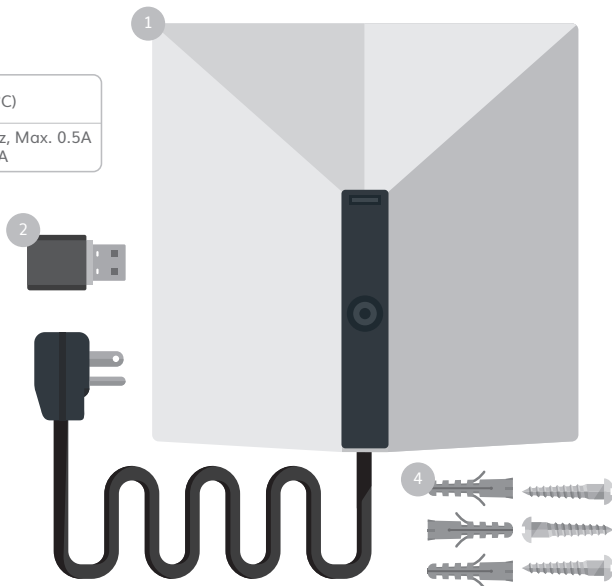
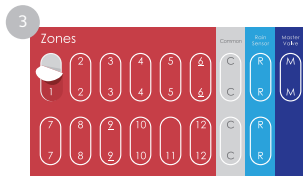
1. Yardian, the controller

Operating Temperature	-22°F to 122°F (-30°C to 50°C)
Power	Input: 100-240VAC, 50/60Hz, Max. 0.5A Output: 24VAC, Max. 750mA

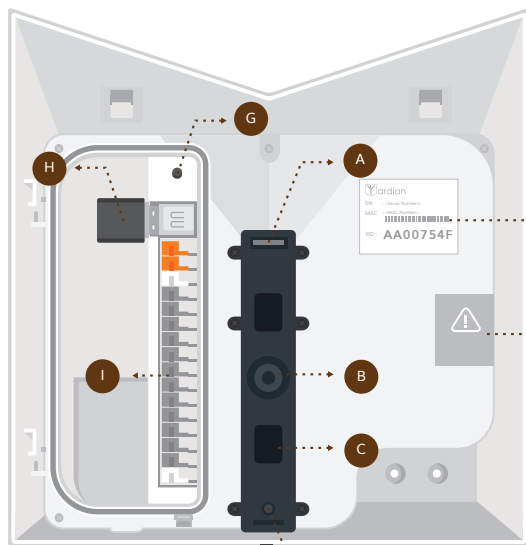
2. Wi-Fi dongle

3. Labeling stickers

4. Wall screws and anchors



Overview



- A LED indicator
- B Camera
- C IR LED (night vision)
- D Light sensor
- E Product label
- F Warranty label
- G Wi-Fi reset button
- H Wi-Fi dongle
- I Terminal blocks

Yardian LED Indicator



System
Booting Up
Initializing
Firmware Updating (Do not turn off power)
Reboot Required (Press Wi-Fi Reset Button until LED turns red)
Reboot Required - Action Failed (Press Wi-Fi Reset Button until LED turns red)

Wi-Fi Station Mode
Connecting to Your Router
Connected to Your Router
Watering

Wi-Fi AP Mode (Direct Control)
Access Point Mode
Watering

Wi-Fi Reset Button



Reset Wi-Fi

Press and hold for around 5 seconds, release when the LED is blinking green and blue.

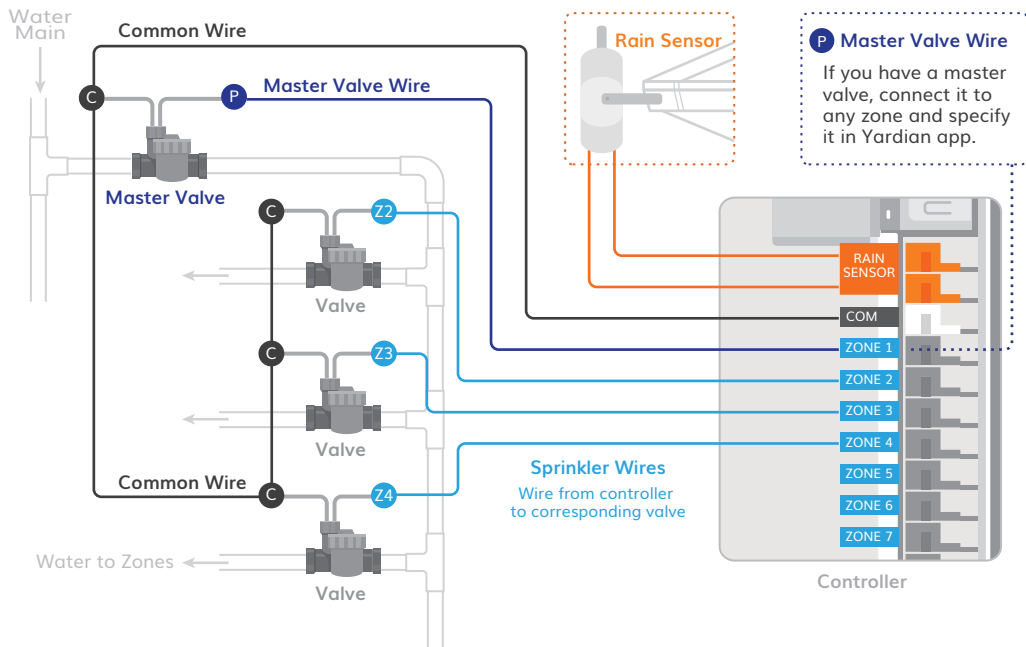


Reset to factory default

Press and hold for around 10 seconds, release when the LED turns red.



Understand Your Irrigation System





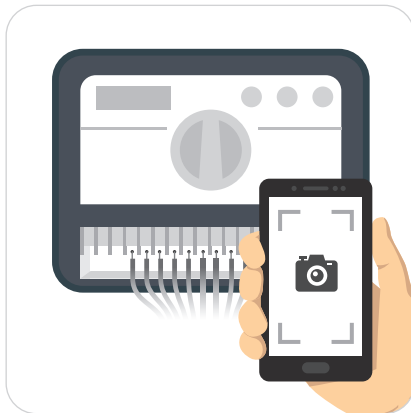
The ardian Installation

Set up your Yardian in a few easy steps

Step 1

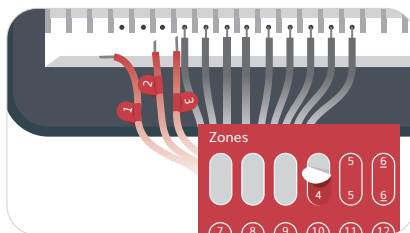
Replace your
old controller

Take a picture of your current wiring. This will help you identify the correct sequence of wires.



Disconnect your old controller and remove sprinkler wires. Adhere a numeric labeling sticker to tag each associated wire for easy identification.

Remove your old controller from the wall.



- Master Valve - Optional
- Zones - Wires are Connected to Zone Valves
- Common Wire or Ground Wire
- Rain Sensor - Optional



WARNING
Electrical
Hazard

Exposed sprinkler wires with 24Vac could generate an electric shock in wet location. Please ask your retailer or contractor if sprinkler accessories may be needed.

Step 2

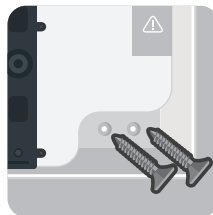
Install your Yardian controller

Identify an appropriate spot to mount your Yardian so that the camera is able to view your designated location (e.g., inside the garage).



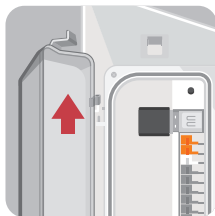
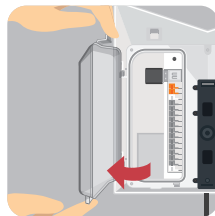
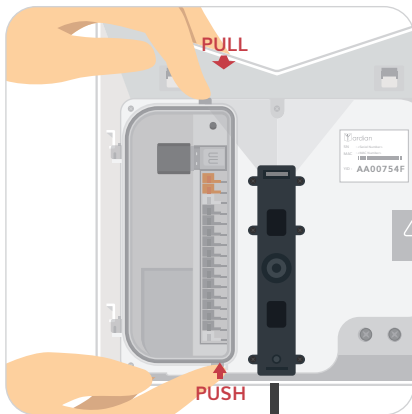
Open the top cover.

Mark the wall for the screws. Mount the Yardian with the screws.

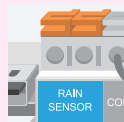
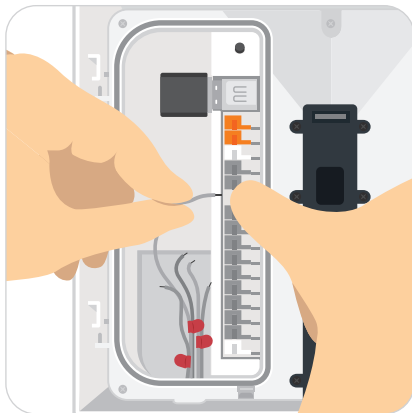


14 Step 2.

Open the inside cover.



Connect sprinkler wires according to the corresponding labels.

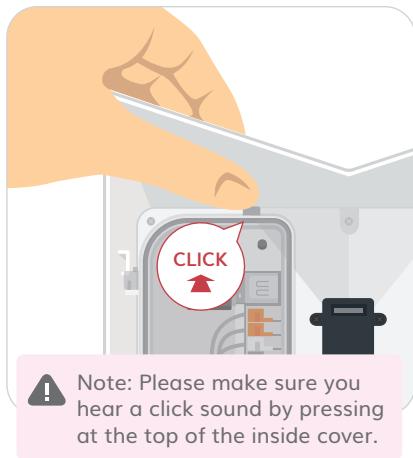


Note: Please specify rain sensor type (normally open or closed) in Yardian app if applicable.

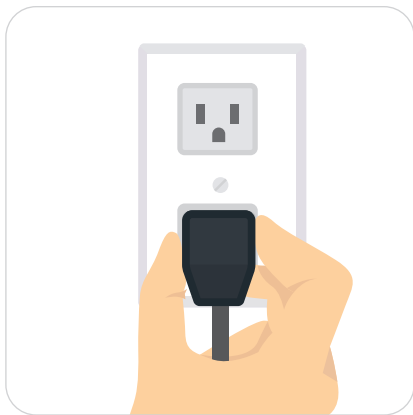


Note: If you have a master valve, connect it to any zone and specify it in Yardian app.

Close the inside cover and the top cover.



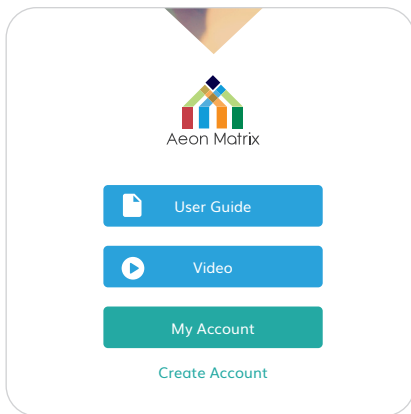
Plug the Yardian electrical cord into the home outlet.



Step 3


Download the
Yardian app


Create an account and personal profile.
Sign in the Yardian app with your account.




Enter your Profile Name and your Zip Code (or click on the map to find your location), then click the "Done" button to proceed.


Note: The profile captures all the information about your yard at a specific location (e.g., your home).

 Add Profile



Profile Name

Locate Your Yardian 

Choose Country 

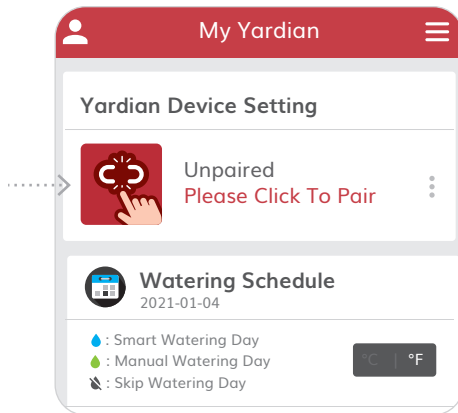
Zipcode

Done

Step 4

Pair your Yardian
to your profile

Click the Yardian device setting card to start pairing.



Enter the 8-digit Yardian ID number (YID) on the device.



< Yardian Pairing

Please Enter Your YID:

A A 0 0 7 5 4 F

Next

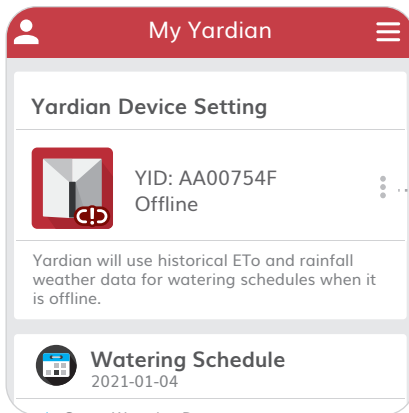
			⌫
1	2	3	A
4	5	6	B
7	8	9	C
0	F	E	D

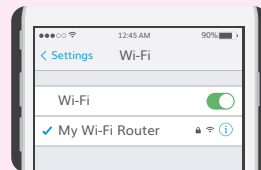
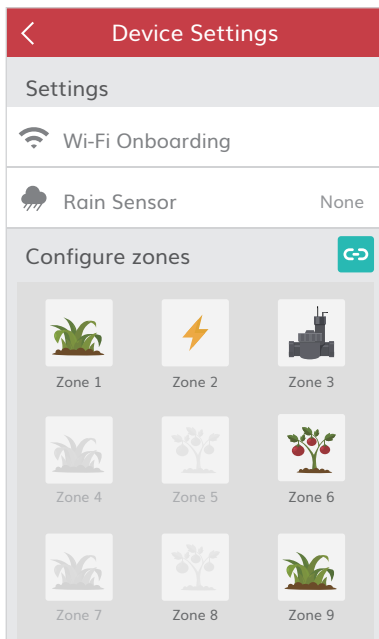
Step 5

Wi-Fi onboarding

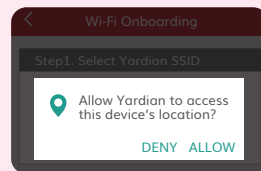
The Yardian is now paired to your Profile. You can now set up Wi-Fi connection for your Yardian.

From the app, click the Yardian card and go to "Wi-Fi onboarding".





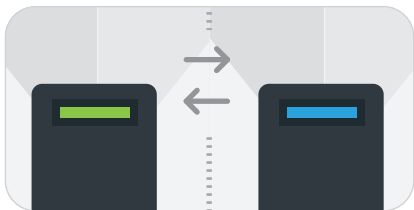
For iOS users, please turn on Wi-Fi on your mobile device.



For Android users, please allow the Yardian app to access the device's location to get a list of available networks.

Please stay close to the Yardian device when doing "Wi-Fi onboarding".

Check Yardian's LED status. Yardian should be in Wi-Fi AP mode to proceed (LED blinking green and blue).



If Yardian is not blinking green and blue, please press and hold the Wi-Fi reset button for around 5 seconds and release when you see the LED blinking green and blue.

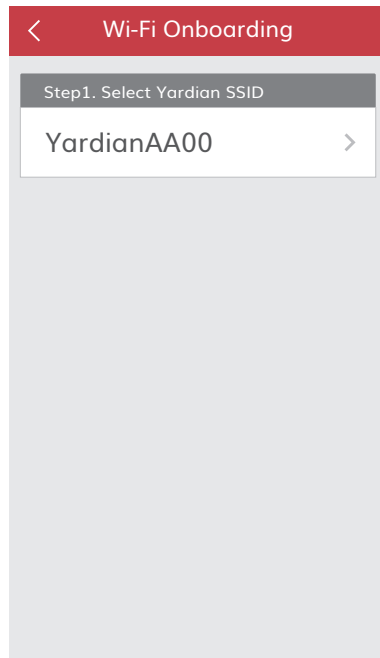


LED in purple!

If your Yardian is in Wi-Fi AP mode for more than 15 minutes, you will be asked to reboot Yardian (Press Wi-Fi reset button until LED turns red).

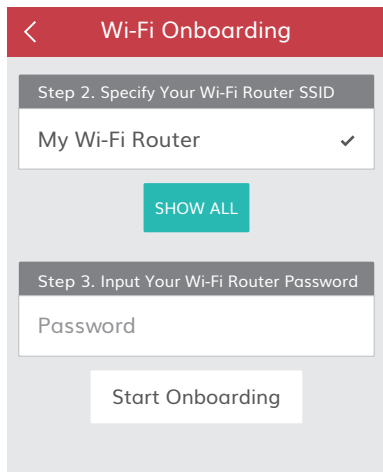
Select the Yardian SSID.

The Yardian app will scan for nearby wireless signals to provide you with a list of wireless networks to choose from.



This step applies to Android.

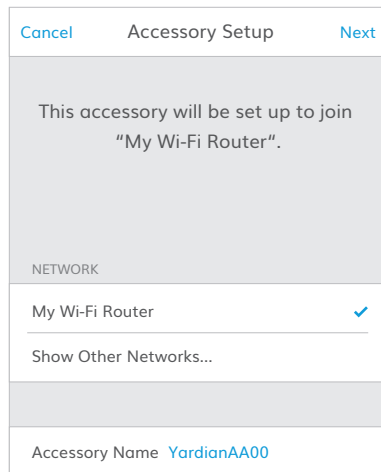
Specify your home Wi-Fi router SSID # and password.



The screenshot shows the 'Wi-Fi Onboarding' screen on an Android device. At the top is a red header with a back arrow and the title 'Wi-Fi Onboarding'. Below this is a section titled 'Step 2. Specify Your Wi-Fi Router SSID' with a text input field containing 'My Wi-Fi Router' and a checkmark icon. A teal 'SHOW ALL' button is positioned below the input field. The next section is 'Step 3. Input Your Wi-Fi Router Password' with a text input field containing 'Password'. At the bottom is a large white button labeled 'Start Onboarding'.

This step applies to iOS.

Specify your home Wi-Fi router SSID #.



The screenshot shows the 'Accessory Setup' screen on an iOS device. At the top is a white header with 'Cancel' and 'Next' buttons in blue, and the title 'Accessory Setup' in black. The main content area has a light gray background with the text 'This accessory will be set up to join "My Wi-Fi Router".' Below this is a section titled 'NETWORK' with a list containing 'My Wi-Fi Router' (marked with a blue checkmark) and 'Show Other Networks...'. At the bottom is a white section with the label 'Accessory Name' followed by the text 'YardianAA00' in blue.



Check your Yardian LED: if it turns into a steady green light, it means that you have successfully connected your Yardian to the Wi-Fi network.

Congratulations! You have successfully set up your Yardian.



WARNING



Software may be updated when Yardian is connected to the Internet. Please **DO NOT** turn off the power when the LED is blinking RED. Interrupting the software update process may result in system malfunction.



Download on the
App Store



GET IT ON
Google Play

iOS 9.0+ and Android 4.4+

Setup of the ardian App

Easy access to the settings with 5 simple tabs



Home

You may review all information here

Receive the latest information
regarding your watering schedule,
Yardian notifications, and more.

My Yardian

Yardian Device Setting

YID: AA00754F
Online

Stop All Watering Activities

Watering Schedule

2021-01-04

- Smart Watering Day
- Manual Watering Day
- Skip Watering Day

1/4	1/5	1/6	1/7	1/8	1/9	1/10
79° 72°	81° 72°	81° 72°	81° 72°	81° 72°	82° 73°	82° 72°
-	-		-	-	-	
	-		-			-

Home
 Control
 Yard
 Program
 Video



Yardian will use historical ETo and rainfall weather data for watering schedules when it is offline.

Week Schedule

Mon	Tue	Wed	Thu	Fri	Sat	Sun
04	05	06	07	08	09	10

1/6 Wednesday 10%

Smart
 Manual
 Skip

MyZone 1

Zone 1

morning	afternoon
09:00 ~ 09:06	14:00 ~ 14:06

MyZone 2

Zone 2


morning	afternoon
10:00 ~ 10:06	15:00 ~ 15:06





Control

You get to control all zones here


Control your zones to start watering
at any desired time with just a touch
of the button on your mobile device.

 **Instant Control**


 MyZone 1
00:01:59





MyZone 2
00:03:00





MyZone 3
00:03:00











 Home



 **Control**



 Yard



 Program



 Video

 **Settings**

Default minutes  2min 

☒ MyZone 1  2min 

☒ MyZone 2  2min 

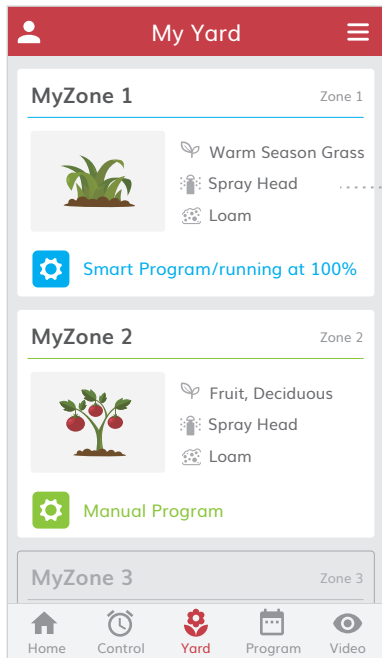
☒ MyZone 3  2min 



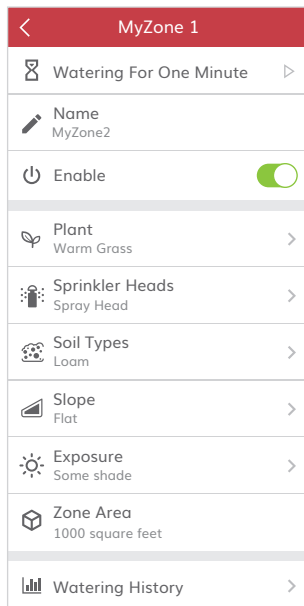
Yard

Profile your yard

You may set up and manage all your yard profile information here. Our app can automatically detect the connected zones and enable them.



A Go to the "Yard" tab.



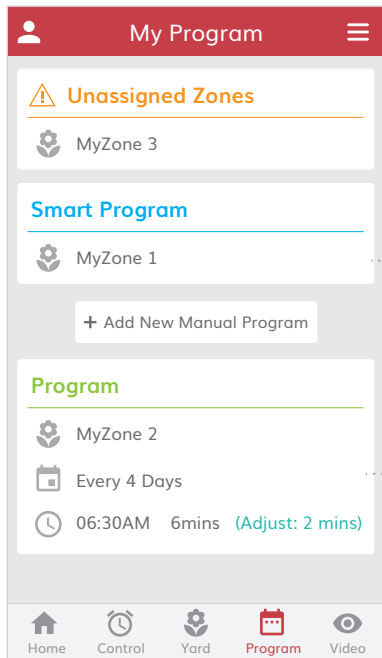
B Tell us about your garden.



Program

Program the watering schedule

Set up "Smart Program" or "Manual Program" for each zone according to your needs.



Smart Program designs automatic watering schedules based on your zone profiles, weather data, watering restrictions, and your preferences for each zone.

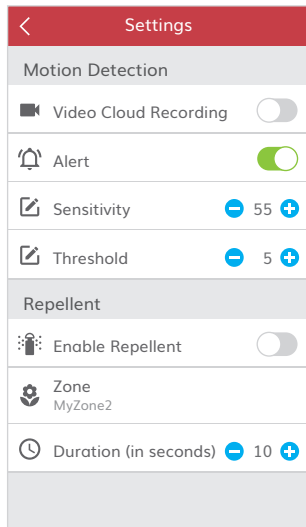
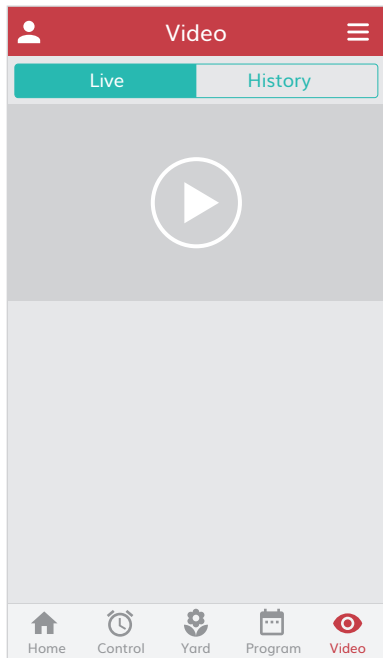
Manual Program allows you to create your own watering schedule. You have the choice to apply "Seasonal Adjustment" in your manual programs.



Video

Watch live video streaming and more

You can view live video streaming via your Yardian camera here.





ardian Smart Sprinkler Controller Limited Warranty

THIS LIMITED WARRANTY CONTAINS IMPORTANT INFORMATION ABOUT YOUR RIGHTS AND OBLIGATIONS, AS WELL AS LIMITATIONS AND EXCLUSIONS THAT MAY APPLY TO YOU.

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Aeon Matrix Inc. may restrict this Limited Warranty service for the Product to the country where the Product or its authorized distributors originally sold the Product. Aeon Matrix Inc. ("Aeon Matrix") warrants the enclosed product contained in this box ("Product") will be free from defects in materials and workmanship for a period of two (2) years from the date of delivery following the original retail purchase by the end-user purchaser (the "Warranty Period"). If the Product fails to conform to this Limited Warranty during the Warranty Period, Aeon Matrix will, at its sole discretion, either (a) repair or replace the defective Product or any component thereof; or (b) accept the return of the Product and refund the money actually paid by the original retail purchaser for the Product. Repair or replacement may be made with a new or refurbished Product or components thereof, at Aeon Matrix' sole discretion. If the Product or a component incorporated within it is no longer available, Aeon Matrix may replace the Product or component in question with a similar product or component of similar function, at Aeon Matrix' sole discretion. This is your sole and exclusive remedy for Product covered under the limited warranty within the Warranty Period. Any Product or component thereof that has been repaired or replaced under the Limited Warranty shall remain covered by the terms of this Limited Warranty for the longer of (a) ninety (90) days from the date of delivery of the repaired or replaced product, or (b) the remainder of the Warranty Period. This Limited Warranty is transferable from the original retail purchaser to subsequent owners or purchasers, but the Warranty Period will not be extended in duration or expanded in coverage for any such transfer.

TOTAL SATISFACTION RETURN POLICY

If you are the original retail purchaser of the Product and you are not satisfied with this Product for any reason, you may return it in its original condition within thirty (30) days of the original purchase and receive a full refund.

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Before making a claim under this Limited Warranty, the owner of the Product must (a) notify Aeon Matrix of the intention to claim by visiting support.aeonmatrix.com during the Warranty Period and providing a reasonably adequate description of the alleged non-conformity of Product or its component(s), and (b) comply with Aeon Matrix's return shipping instructions. Aeon Matrix shall have no warranty obligations with respect to a returned Product or component(s) thereof if it determines, in its reasonable discretion after examination of the returned Product, that the Product is an Ineligible Product (defined below). Aeon Matrix will bear all costs of return shipping to the owner and will reimburse any shipping costs incurred by the owner, except with respect to any Ineligible Product, for which owner will bear all shipping costs.

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VARIATIONS THAT MIGHT APPLY TO THIS LIMITED WARRANTY

This Limited Warranty gives you specific legal rights. You may also have other legal rights that vary by state, province, or jurisdiction. Likewise, some of the limitations set out above may not apply to you. The terms of this Limited Warranty will apply to the extent permitted by the applicable law.

GOVERNING LAW, JURISDICTION, AND DISPUTE RESOLUTION

This Limited Warranty and the purchase of the Product shall in all respects be construed, interpreted, and/or enforced in accordance with and governed by the laws of the State of California. Other than as set forth above, you knowingly and irrevocably waive the right to bring or maintain any action, claim or proceeding in any court of law arising out of or related to this Limited Warranty or the Product. You further irrevocably waive any right to a jury trial of any non-waived action, claim or proceeding.



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