



AZIO Cascade Wireless Backlit Mechanical Keyboard User Guide

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AZIO



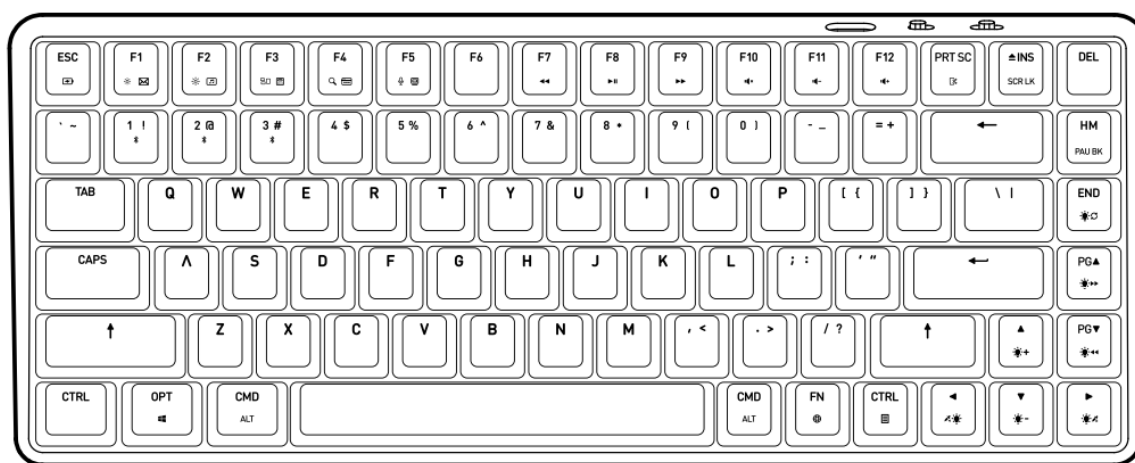
CASCADE
WIRELESS BACKLIT MECHANICAL KEYBOARD • HOT-SWAPPABLE SWITCHES • 75% LAYOUT
USER GUIDE

Contents

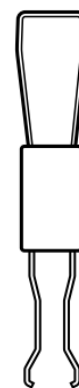
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PACKAGE CONTENT & SPECS

PACKAGE CONTENTS



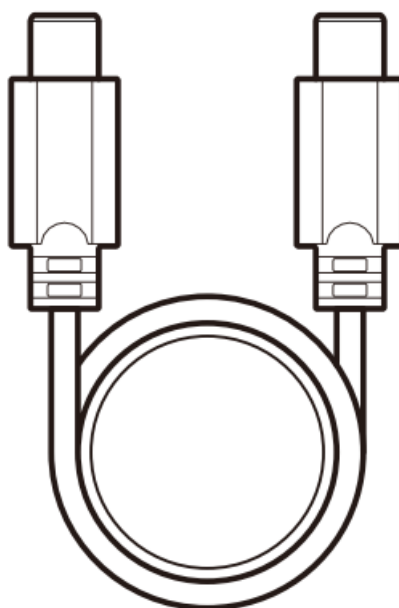
CASCADE Wireless Backlit Mechanical Keyboard



Keycap and Switch Puller

QUICK START GUIDE

Quick Start Guide



USB Type-C Cable

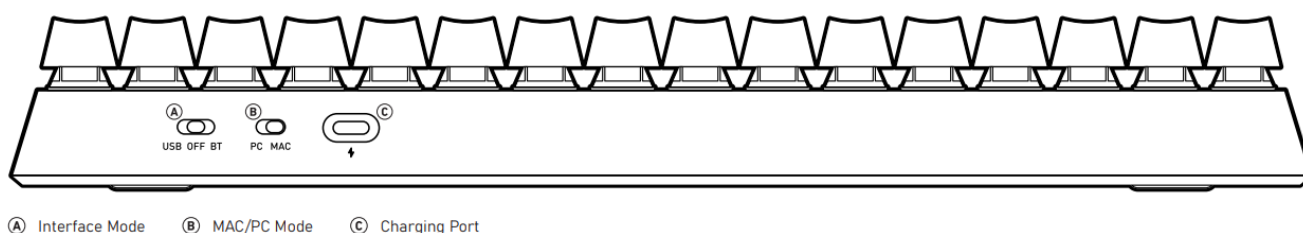
SPECIFICATIONS




Interface	Bluetooth + USB Hybrid
Mechanical Switch	Hot-Swappable with Default Gateron Switch
Backlight	9 LED Colors / 4 RGB Light Modes
N-Key Rollover	6kRO via BT / NKRO via USB
Battery	4000 mAh Li-ion
Charging Connection	USB Type-C Cable
Dimens. (LxWxH)	317.9 x 126 x 41.3 mm
Weight	1.65 lbs / 748 g
System Requirements	Windows 10 & above / macOS USB Port or Bluetooth

KEYBOARD SETUP

KEYBOARD MODE SWITCH

The AZIO CASCADE Keyboard is a versatile keyboard that supports Mac and PC and can be connected wirelessly via Bluetooth or wired via USB. The interface mode switches are located on the back of the keyboard. (Fg 01)



 USB OFF BT	USB : In USB mode, please connect the included USB Type-C cable to the keyboard and your computer. While in USB mode, the keyboard will automatically begin charging and the backlight will turn on.
 USB OFF BT	OFF : In OFF mode, all circuitry is off. This is ideal when the keyboard will not be used for an extended duration of time. Please note that the keyboard can be charged while in OFF mode.
 USB OFF BT	BT : In BT mode, you may connect the keyboard to your computer wirelessly. While in Bluetooth mode, the backlight will automatically turn on. After 60 minutes of inactivity, the keyboard will hibernate, simply press any key to wake up and reconnect automatically.

SETUP FOR PC / MAC MODE

By default, the keyboard will be in Mac mode. To change it to PC mode, please toggle the switch to “PC” position. (Fg 02)

KEYBOARD SETUP

PAIRING THE KEYBOARD IN BLUETOOTH MODE

Step.1 Switch the keyboard to BT mode. The mode switch is located on the back side of the keyboard.

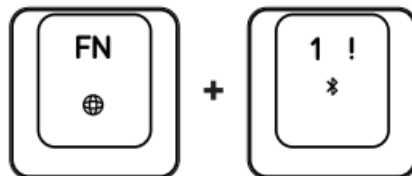
Step.2 Select which Bluetooth profile to connect to by pressing the FN with 1, 2, or 3 key together for 3~5 seconds. Once the keyboard is in pairing mode, the backlight of 1, 2, or 3 key's will flash blue slowly. For example, when pairing with Bluetooth profile 1, press the FN key and 1 key together for 3~5 seconds, the 1 key will flash blue light slowly.

Step.3 On your Mac, navigate to 'System Preferences' and select 'Bluetooth'. Find the 'CASCADE V1.0' click on 'Connect'. For Windows 10, go to 'Bluetooth Settings' and select 'Add Bluetooth or other device'. Once the setup wizard finds 'CASCADE V1.0', click on 'Pair'. Once pairing is successfully completed, the keyboard backlight will stop flashing. The keyboard is now ready for use.

Step.1



Step. 2



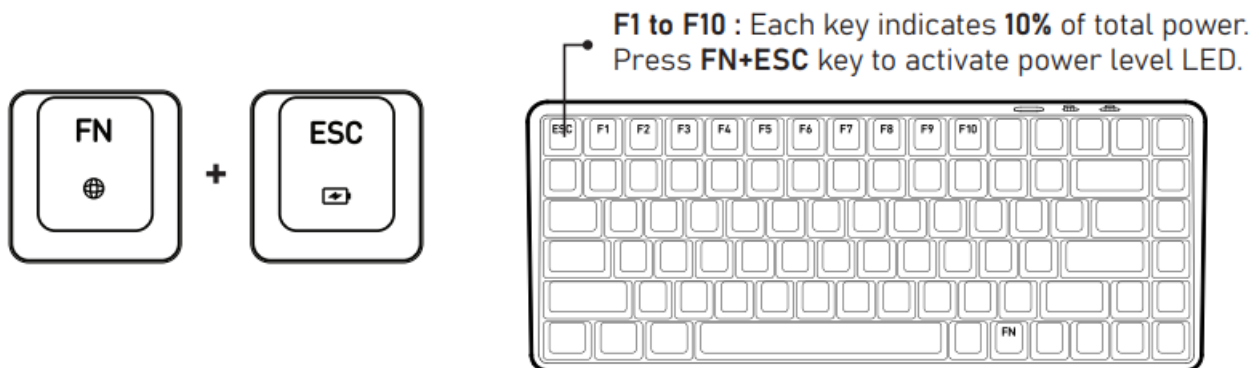
Step. 3



CHECKING THE BATTERY LEVEL

When the battery level is less than 20%, the ESC Key (Fg 04) will start blinking in red. When plugged in, the ESC key will stop blinking and stay a static red, indicating that the keyboard is charging. Once fully charged, the red light will turn off, the ESC key's backlight will change to the same color as the setting. The keyboard can be charged in any mode – BT, USB, or OFF mode.

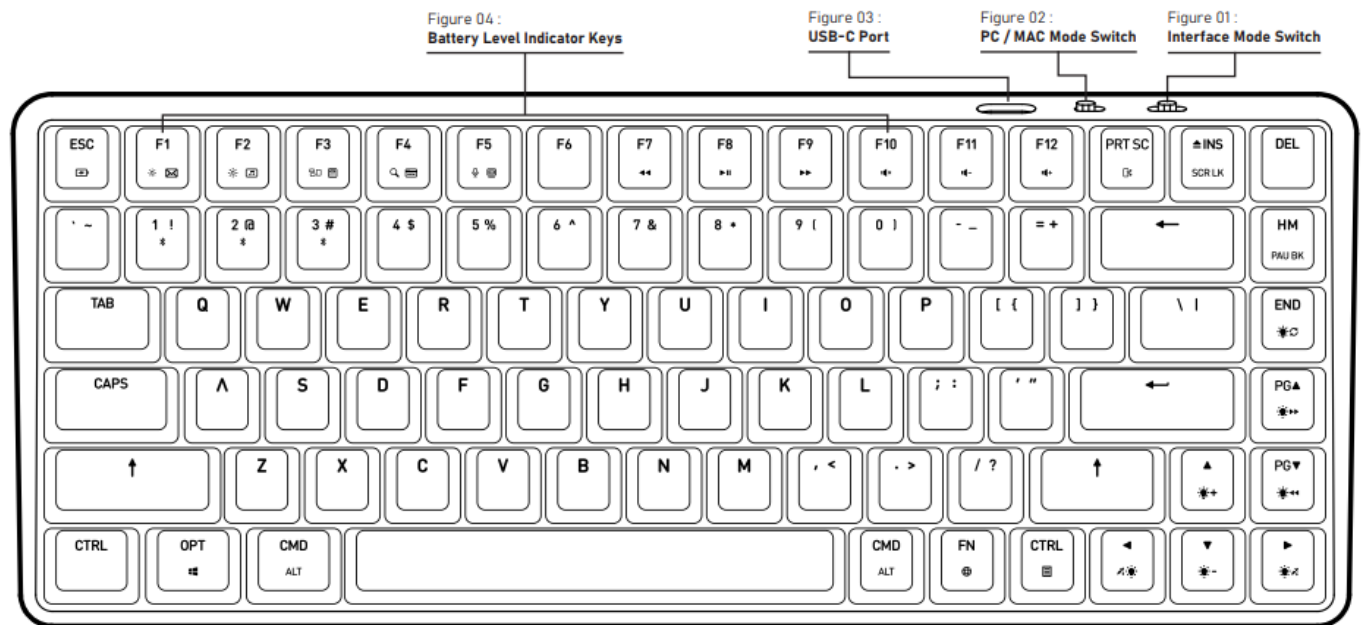
To check the battery power level of the keyboard, press the FN key and ESC key. The Battery Level Indicator Keys (Fg 04) will flash, with each key from F1 to F10 indicating 100% of total power. White light will flash if the power is above 20% and red light will flash when the power is below 20%. If all 10 keys light up, this indicates that the keyboard battery is full.



CONNECTING THE KEYBOARD THROUGH USB CONNECTION







To connect via USB port, please use the Type-C Cable included in the package. Please connect the cable to the Keyboard USB Port (Fg 03) and to your computer. When connection is successfully established, the keyboard will light up and be ready for use.

KEYBOARD DIAGRAM



KEYBOARD DIAGRAM

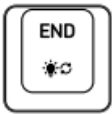





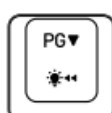
HOT KEYS LEGEND

	MAC / Decrease Display Brightness PC / Launch Email Application
	MAC / Increase Display Brightness PC / Launch Media Player
	MAC / Expose PC / Caculator
	MAC / Dashboard PC / Web Browser
	MAC / Siri PC / My Computer
	MAC / None PC / Sleep Mode
	MAC / Previous Track PC / Previous Track
	MAC / Play / Pause PC / Play / Pause
	MAC / Next Track PC / Next Track
	MAC / Mute Volume PC / Mute Volume
	MAC / Decrease Volume PC / Decrease Volume
	MAC / Increase Volume PC / Increase Volume

For Mac system, check your MAC setting to trigger the multimedia functions.

For Windows, press FN with multimedia keys to trigger the functions.

BACKLIGHT CONTROL HOT KEYS LEGEND

	Backlight Modes
	Increase Backlight Brightness
	Decrease Backlight Brightness
	Previous Backlight Color
	Next Backlight Color
	Backlight Speed Up
	Backlight Slow Down

Backlight Modes	Press the FN + END to cycle between 4 lighting modes : Static, Breathing, Wave & Reactive.
Backlight Brightness	Press the FN + Up Arrow Key or Down Arrow Key to increase or decrease the backlight brightness.
Backlight Colors	Press the FN + Right Arrow Key or Left Arrow Key to cycle through the backlight colors : White (default), Red, Orange, Yellow, Green, Blue, Purple, Sky Blue, & RGB.
Backlight Speed	Press the FN + Page Up or Page Down to speed up or slow down the backlights. Only the Breathing and Wave mode can adjust backlight speed.

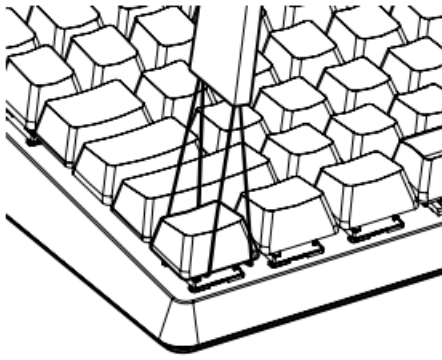
HOT-SWAPPABLE SWITCHES

REMOVING SWITCHES

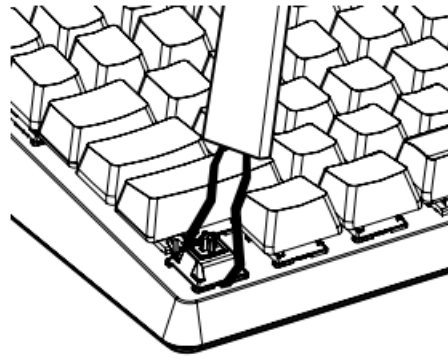
Step.1 You will need the Keycap & Switch Puller provided in the package to begin removing your switches. Use the rectangular side of the puller to gently pull and wiggle the keycaps off. Please make sure not to yank the keycaps off as you may damage the switch.

Step.2 With the keycap off, you should be able to see the switch underneath. Use the tong side of the puller to hook underneath the switch, pushing down onto the two plastic tabs on the top and bottom of the switches. Now you may gently pull and wiggle the switches out. Please avoid yanking on the switch.

Step.1



Step.2

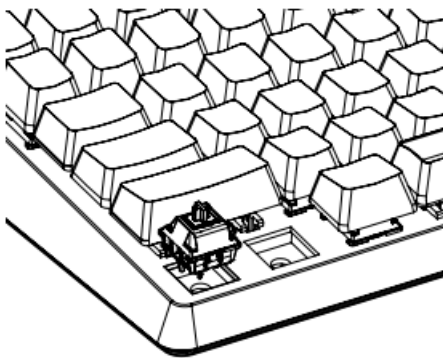


INSTALLING NEW SWITCHES

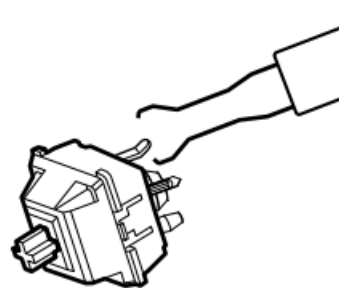
Step.1 When you are ready to install new switches, please make sure that the pins on your new switches are straight. Start by lining up the switch pins with the sockets on the keyboard and gently pressing down until the switch glides into place. If properly lined up, the switch should settle in and feel secured in place.

Step.2 Once you've installed all the switches, you may test the keys with an online key-test to see if they were properly installed. If any of the keys are not working, you may have a bent pin on your switch. In this case, take out the problem switch and straighten out the pins with the switch puller then re-install the switch.

Step.1



Step.2



SUPPORT & WARRANTY

AZIO Corporation warrants only to the original purchaser of this product, when purchased from an AZIO authorized reseller or distributor, that this product will be free from defects in material and workmanship under normal use and service for the length of the warranty period after purchase. AZIO reserves the right, before having any obligation under this warranty, to inspect the damaged AZIO product. Initial shipping costs of sending the AZIO product to the AZIO service center in Los Angeles, California, for inspection shall be borne solely by the purchaser. In order to keep this warranty in effect, the product must not have been mishandled or misused in any way.

This warranty does not cover any damage due to accidents, misuse, abuse or negligence. Please retain the dated sales receipt as evidence of the original purchaser & date of purchase. You will need it for any warranty services. In order to claim under this warranty, purchaser must contact AZIO and obtain an RMA # which is to be used within 15 days of issuance and must present acceptable proof of original ownership (such as original receipt) for the product. AZIO, at its discretion, shall repair or replace the defective unit covered by this warranty. This warranty is non-transferable and does not apply to any purchaser who bought the product from a reseller or distributor not authorized by AZIO, including but not limited to purchases from internet auction sites. This warranty does not affect any other legal rights you may have by operation of the law. Please contact AZIO through email, chat, or one of the technical support numbers listed for warranty service procedures.

No AZIO supplier, dealer, agent, or employee is authorized to alter or extend the terms of this Limited Warranty or to make any representation whatsoever. AZIO reserves the right to amend the terms of this Limited Warranty at any time without notice.

HELP RESOURCES

Before lodging a claim on the Limited Warranty, please review the online help resources at

aziocorp.com/support. If the product is still not functioning properly after making use of these resources, please contact AZIO through aziocorp.com/support or your authorized distributor or dealer. You may be required to assist with the diagnosis process to verify and ascertain any issues which you may be facing with the product. Service options, parts availability, and response times may vary depending on the country in which the Limited Warranty claim is lodged.

HOW TO MAKE A LIMITED WARRANTY CLAIM

If you purchased the product from an AZIO reseller, please contact the AZIO reseller in regards to your Limited Warranty claim. If you are unable to return the product to the AZIO reseller for whatever reason, or if you have purchased the product directly from AZIO at aziocorp.com, then please follow the steps below:

- a. Email support@aziocorp.com to obtain a Return Merchandise Authorization Number ("RMA Number").
- b. Note the RMA Number in a visible place on the in the shipping box or write it on the shipping box.
- c. Enclose a Valid Proof of Purchase inside the product's package. Please visit aziocorp.com/warranty for examples of a Valid Proof of Purchase.
- d. Send the product to the following address:

AZIO RMA

19933 Harrison Ave,

City of Industry, California 91789

Do not send AZIO any product without a valid RMA Number.

We advise that you select a method of shipping that is traceable (e.g. UPS, DHL FedEx). Any expense of claiming under this Limited Warranty will be borne by the person making the claim (including any shipping and handling charges in returning the product to AZIO, as well as any applicable customs, duties or taxes in relation to the claim). If the product is validly returned under the terms of this Limited Warranty, AZIO will be responsible for postage expenses for shipping the product back to you (but not any customs charges, duties, or taxes). You are responsible for ensuring that the product is properly packaged and will bear the full risk of loss or damage for any product that is returned improperly packaged. Risk of loss or damage in the returned product only passes to AZIO when the product is received by AZIO and AZIO shall not be responsible for items lost in transit to our address. In the event that the procedure herein is not followed, AZIO reserves the right to accept the delivery of the product on such terms that it may determine at its sole discretion.

Returns Not Covered by this Limited Warranty.

If AZIO receives a product from the purchaser that does not meet the requirements of this Limited Warranty, including (but not limited to) a product that (a) lacks a valid RMA Number, (b) is not accompanied by a valid Proof of Purchase, (c) is no longer covered under the Warranty Period, or (d) does not have a defect covered by this Limited Warranty, you may be responsible for an assessment fee, return shipping and handling fees, and other reasonable fees as may be required by AZIO prior to the product being returned to you.

General.

This Limited Warranty applies only to the original purchaser of the product and is non-transferable. No AZIO reseller, agent, distributor, or employee is authorized to make any modification, extension or addition to this held to be illegal or unenforceable the legality or enforceability of the remaining terms shall not be affected or impaired.

SAFETY WARNING & CERTIFICATION

FCC STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the Instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this

device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

BATTERY WARNING

THE AZIO CASCADE keyboard contains a Li-ion rechargeable battery. The general life expectancy of the batteries used are based on actual usage. If you suspect the battery's contained power is low, please use the included USB connection cable to recharge the battery.

Caution:

Please do not open, manipulate, or expose to conducting materials (metal), moisture, liquid, fire, or heat. Conducting any of above action may cause batteries to leak or explode, resulting in personal injury.

Please do not leave the rechargeable battery discharged or unused for extended period, which might affect the life usage of the battery.

CA PROP 65 WARNING

This product contains chemicals 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

CE STATEMENT OF COMPLIANCE WITH EU DIRECTIVE

AZIO CORPORATION declares that the AZIO CASCADE Keyboard is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The full Declaration of Conformity can be requested via the following:

Company: AZIO CORPORATION

Address: 19933 Harrison Ave, City of Industry, California 91789

E-mail: support@aziocorp.com

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT INFORMATION

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)



This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

SAFETY WARNING & CERTIFICATION

IMPORTANT PRODUCT INFORMATION GUIDE

SAFETY GUIDELINES

In order to have maximum safety while using AZIO Cascade, we strongly suggest that you adopt the following guidelines:

1. Should you have trouble operating the device properly and troubleshooting does not work, please unplug the device and contact the AZIO support or go to www.aziocorp.com for support. Do not attempt to service or fix the device yourself at any time.
2. Do not disassemble the device (doing so will void your warranty) and do not attempt to operate it under abnormal current loads.
3. Keep the device away from liquid, humidity or moisture. Operate the device only within the specific temperature range of 0°C (32°F) to 40°C (104°F). Should the temperature exceed this range, unplug and / or switch off the device in order to let the temperature stabilize to an optimal level.

COMFORT

Research has shown that long periods of repetitive motion, improper positioning of your computer peripherals, incorrect body position, and poor habits may be associated with physical discomfort and injury to nerves, tendons, and muscles. Below are some guidelines to avoid injury and ensure optimum comfort while using your AZIO

Cascade.

1. Position your keyboard and monitor directly in front of you with your mouse next to it. Place your elbows next to your side, not too far away and your keyboard within easy reach.
2. Adjust the height of your chair and table so that the keyboard and mouse are at or below elbow height.
3. Keep your feet well supported, posture straight and your shoulders relaxed.
4. During usage, relax your wrist and keep it straight. If you do the same tasks with your hands repeatedly, try not to bend, extend or twist your hands for long periods.
5. Do not rest your wrists on hard surfaces for long periods. Use a wrist rest to support your wrist while gaming.
6. Customize the keys on your keyboard to suit your style of usage in order to minimize repetitive or awkward motions.
7. Do not sit in the same position all day. Get up, step away from your desk and do exercises to stretch your arms, shoulders, neck and legs.
8. If you should experience any physical discomfort while using your keyboard, such as pain, numbness, or tingling in your hands, wrists, elbows, shoulders, neck or back, please consult a qualified medical doctor immediately.

MAINTENANCE & USE

For the metal and plastic parts of the keyboard, once a month we recommend you unplug the device from the computer and clean it using a soft cloth or cotton swab with a bit of warm water to prevent dirt buildup. Please do not use soap or harsh cleaning agents. Remember to dry off any left over moisture on the metal parts of the keyboard.

We are dedicated to provide our products with premium materials and present them in the best condition, but it also needs love and caring to keep it at optimum.



mailto: support@aziocorp.com


By phone: 866.468.1198

By email: support@aziocorp.com

On FB: www.facebook.com/aziocorp

Multilingual instruction guide is available for download at
www.aziocorp.com > Support > Keyboards > CASCADE Keyboard

Documents / Resources

 <p>AZIO CASCADE</p>	<p>AZIO Cascade Wireless Backlit Mechanical Keyboard [pdf] User Guide Cascade Wireless Backlit Mechanical Keyboard, Cascade, Wireless Backlit Mechanical Keyboard, Backlit Mechanical Keyboard, Mechanical Keyboard, Keyboard</p>
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References

- ^ [Official Website of AZIO Corporation](#)
- ^ [Official Website of AZIO Corporation](#)
- 🌐 [P65Warnings.ca.gov](#)

Manuals+.