ATTACK SHARK X65 HE

ATTACK SHARK X65 HE Rapid Trigger Compact 60% Wired Gaming Keyboard User Manual

Model: X65 HE | Brand: ATTACK SHARK

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your ATTACK SHARK X65 HE Rapid Trigger Compact 60% Wired Gaming Keyboard. Designed for high-performance gaming, this keyboard features Hall Effect magnetic switches, adjustable actuation, an 8KHz polling rate, and customizable RGB backlighting.

SETUP

Package Contents

- ATTACK SHARK X65 HE Gaming Keyboard
- Coiled USB-C Cable
- 2-in-1 Keycap Puller
- User Manual

Image: The ATTACK SHARK X65 HE keyboard, showcasing its compact 60% layout, along with the included coiled USB-C cable and a 2-in-1 keycap puller. This image illustrates the complete package contents.

Connecting the Keyboard

1. Locate the USB-C port on the back of the keyboard.
2. Connect the coiled USB-C cable to the keyboard's USB-C port.
3. Connect the other end of the USB-A connector of the coiled cable to an available USB port on your computer (PC or Laptop) or gaming console.
4. The keyboard will be automatically recognized by your operating system.
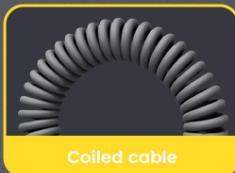
Image: A detailed view of the 8K coiled USB-C cable, highlighting its high-quality copper wire construction and the secure connection to the keyboard, ensuring stable data transmission.

Web Driver Software Installation

The ATTACK SHARK X65 HE keyboard utilizes a web-based driver for customization, eliminating the need for traditional software installation. This ensures compatibility across various operating systems.

- Open your web browser.
- Navigate to the official web driver link:www.qmk.top.
- Follow the on-screen instructions to connect your keyboard and access the customization options.

Image: A visual representation of the web-based driver interface, demonstrating its user-friendly layout for customizing key settings, macros, and RGB lighting without requiring software installation.

OPERATING INSTRUCTIONS

Key Features Overview

- **0.01mm Rapid Trigger Accuracy & Dynamic Rapid Trigger:** Hall Effect switches detect minute finger movements, allowing for adjustable actuation points from 0.1mm to 3.4mm. This feature is crucial for competitive gaming, enabling faster and more precise inputs.
- **8000Hz Polling Rate & 0.125ms Ultra-Low Latency:** Provides an 8x faster input response compared to standard

keyboards, ensuring virtually no signal loss even during intense gaming sessions.

- **Pro-Grade Customization on Web Driver:** The web-based driver allows comprehensive customization including Dynamic Keystrokes (DKS), key combinations, macros, key reassignment, RGB lighting, Rapid Trigger (RT), SOCD (Snap Tap), and MT/TGL functions.

- **60% Hot-swappable NKRO Keyboard Ergonomics:** Compact 67-key ANSI US layout saves desk space. Features adjustable feet for 3-angle ergonomic support. The hot-swappable PCB supports north-pole-down magnetic switches, allowing for easy customization of typing feel.

- **South-facing LEDs Top Mounted Structure:** RGB LEDs are positioned to eliminate glare, providing 16.8 million colors through dual-shot PBT keycaps. The top-mount structure with an aluminum alloy plate and three layers of filling (PORON foam + EPDM foam + Silicone) ensures a quiet, stable, and smooth typing experience.

Image: An infographic highlighting the key features of the X65 HE keyboard, including its 60% layout, magnetic Hall Effect switches, 0.01mm RT accuracy, 8000Hz polling rate, web driver, 22+ RGB lighting effects, and 0.125ms ultra-low latency.

Image: A visual representation of the keyboard's lightning-fast response, showcasing the 0.125ms latency and 8000Hz report rate, emphasizing its 8x hyper-fast performance for esports-grade input.

Adjustable Actuation Point

The Hall Effect magnetic switches allow for precise adjustment of the actuation point from 0.1mm to 3.4mm. This enables users to fine-tune the sensitivity of each key to their preference, whether for rapid key presses in gaming or precise typing.

ADJUSTABLE ACTUATION POINT

Exclusive Magnetic Switch PRO

Type	**Initial Magnetic Flux**
Linear	95±15Gs
Lifespan	**Bottom Magnetic Flux**
100 Million Clicks	580±50Gs
Actuation Range	**Hot Swappable**
0.1-3.4mm	Support N-pole-down Magnetic Switches
Operation Force	
40±5gf	

ATTACK SHARK

Image: A detailed diagram illustrating the adjustable actuation point of the exclusive Magnetic Switch PRO, showing the linear switch type, 100 million click lifespan, 0.1-3.4mm actuation range, and 40±5gf operation force.

Adjustmentrange:0.1 mm - 4.0 mm

Performance Gaming Mode:

ACTUATION DISTANCE
0.2-1.4MM

Control all the details faster
than your opponent

Efficient Working Mode:

ACTUATION DISTANCE
## 1.6-4.0MM

All work covered
eliminate overtime work

Image: A comparison demonstrating different actuation distance settings: 0.2-1.4mm for Performance Gaming Mode, allowing faster control, and 1.6-4.0mm for Efficient Working Mode, suitable for general typing tasks.

Advanced Key Functions (Web Driver)

The web driver provides advanced functionalities to enhance your keyboard's performance and versatility:

- **Dynamic Keystrokes (DKS):** Allows a single key to perform up to four different actions based on the depth of the key press.
- **MOP-TAP (MT):** Enables a key to trigger one action on press and hold, and another on release.
- **Toggle Key (TGL):** Configures a key to toggle between two states or actions with each press.
- **SOCD (Snap Tap):** Streamlines directional inputs for fighting games by neutralizing opposing directional presses.
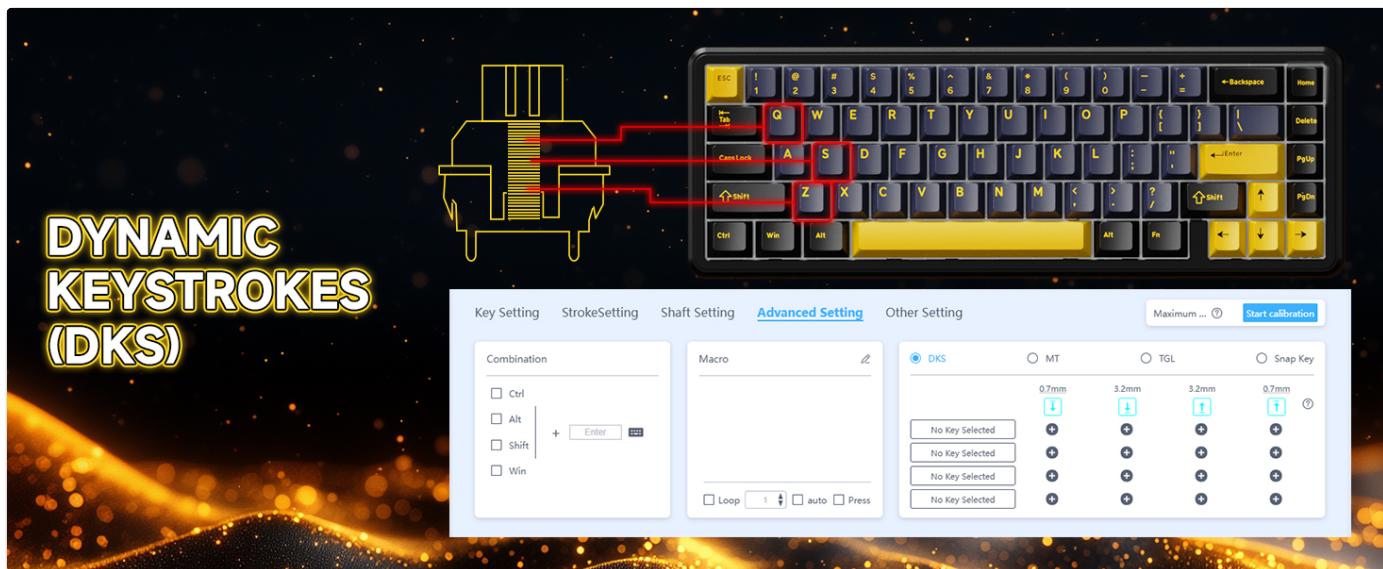

Image: A screenshot from the web driver showing the configuration interface for Dynamic Keystrokes (DKS), illustrating how multiple actions can be assigned to a single key based on press depth.
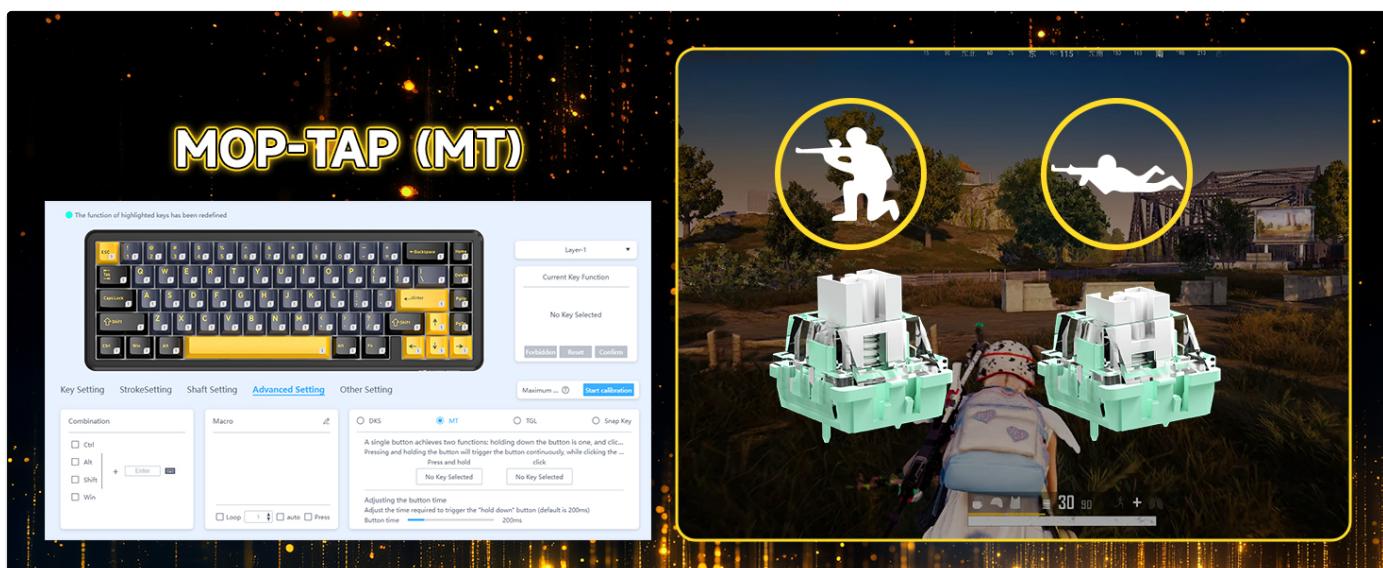
Image: A screenshot from the web driver displaying the MOP-TAP (MT) settings, which allows for different actions on key press/hold and release, demonstrated with in-game examples.

Image: A screenshot from the web driver showing the Toggle Key (TGL) settings, illustrating how a single key press can alternate between two distinct actions, useful for toggling in-game features.

RGB Backlighting Control

The keyboard features vibrant 16.8 million color RGB backlighting with 22 lighting effects. You can control the lighting directly from the keyboard using FN key combinations:

- **FN + PgUp:** Switch main backlight effect.
- **FN + X:** Toggle keyboard lighting on/off or switch power saving mode.
- **FN + PgDn:** Change backlight color.
- **FN + ↑:** Increase main backlight brightness.
- **FN + ↓:** Decrease main backlight brightness.
- **FN + ←:** Decrease backlight speed.
- **FN + →:** Increase backlight speed.
- **FN + (hold for 3 seconds):** Restore default settings; all backlights will flash white three times.
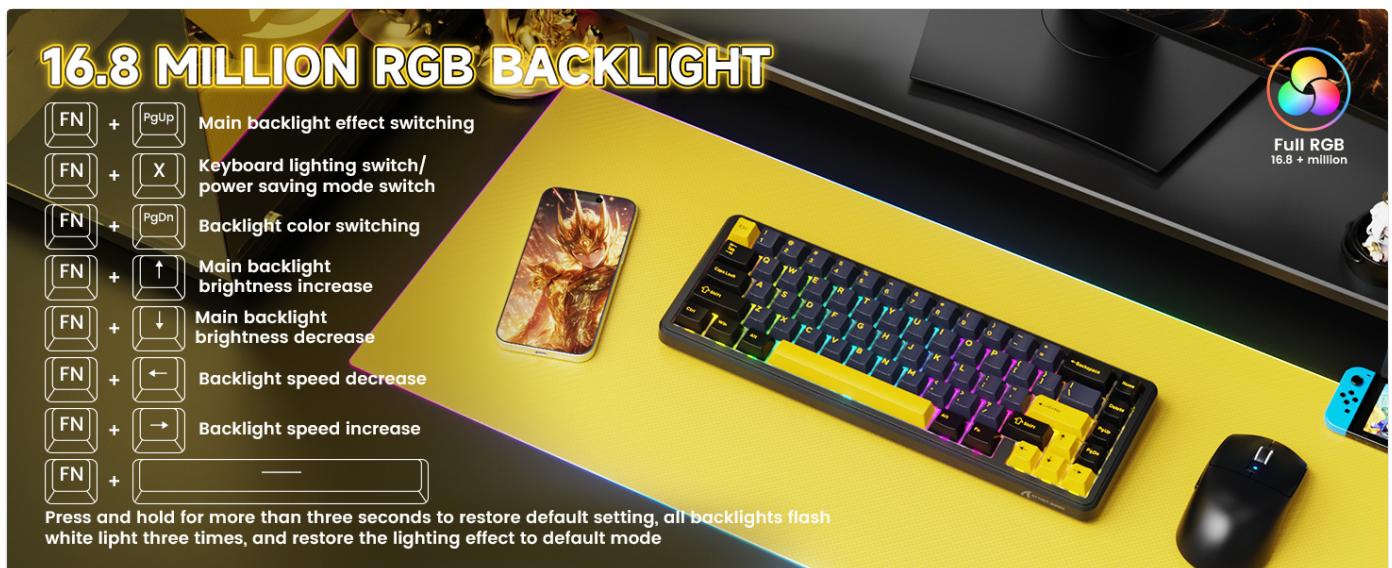
Image: A visual guide to the FN key combinations for controlling the 16.8 million RGB backlight, including changing effects, colors, brightness, and speed, along with the reset function.

MAINTENANCE

General Cleaning

To maintain the performance and appearance of your keyboard, regular cleaning is recommended:

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and chassis.
- For dust and debris between keycaps, use compressed air or a small brush.
- Avoid using harsh chemicals or abrasive materials, as these can damage the keyboard's finish.

Keycap and Switch Replacement (Hot-Swappable)

The ATTACK SHARK X65 HE features a hot-swappable design, allowing you to easily replace keycaps and magnetic switches without soldering. This enables customization of your typing or gaming experience.

1. **Removing Keycaps:** Use the included 2-in-1 keycap puller. Gently hook the puller onto opposite sides of the keycap and pull straight up.
2. **Removing Switches:** After removing the keycap, use the switch puller end of the tool. Align the prongs with the clips on the top and bottom of the switch, squeeze gently, and pull the switch straight up.
3. **Installing Switches:** Ensure the new magnetic switch is compatible (north-pole-down). Align the pins of the switch with the holes on the PCB. Press the switch firmly until it clicks into place. Do not force the switch, as this can bend the pins.
4. **Installing Keycaps:** Align the keycap over the switch stem and press down firmly until it is seated securely.
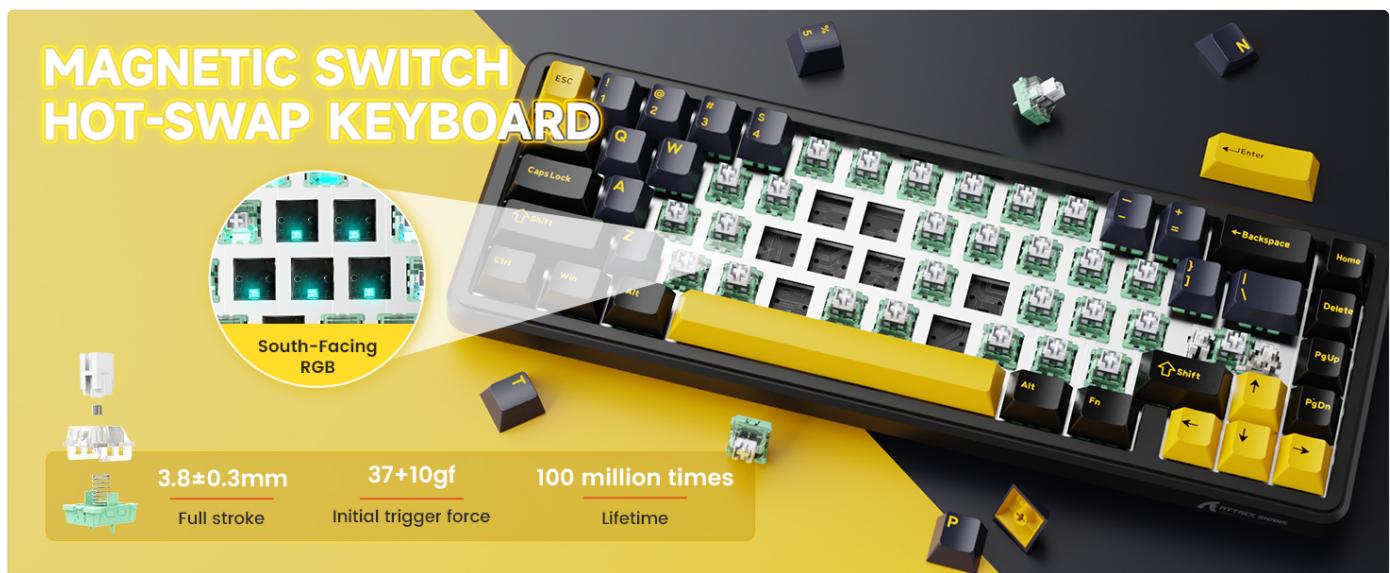
Image: An illustration demonstrating the hot-swappable nature of the magnetic switches and keycaps, highlighting the ease of removal and installation for customization and maintenance.

TROUBLESHOOTING

- **Keyboard Not Responding:**

  - Ensure the USB-C cable is securely connected to both the keyboard and the computer.
  - Try connecting the keyboard to a different USB port on your computer.
  - Test the keyboard on another computer to rule out system-specific issues.

- **RGB Lighting Issues:**

  - Use FN key combinations (FN + PgUp, FN + PgDn, FN + X) to cycle through lighting effects and ensure it's not turned off.

- Access the web driver (www.qmk.top) to check and adjust RGB settings.

- **Keys Not Registering or Double-Typing:**

  - Ensure the magnetic switches are fully seated. Remove the keycap and gently press down on the switch.
  - Clean around the affected switch to remove any debris.
  - If the issue persists, consider replacing the problematic switch, leveraging the hot-swappable feature.
  - Check the actuation point settings in the web driver; an extremely low actuation point might cause unintended triggers.

- **Restoring Default Settings:**

  To reset the keyboard to its factory default settings, press and hold the **FN** key for more than three seconds. All backlights will flash white three times, indicating a successful reset of the lighting effect and other settings.

SPECIFICATIONS

| Feature	Detail
Model	X65 HE
Brand	ATTACK SHARK
Keyboard Description	Adjustable Actuation Distance Rapid Trigger Magnetic Switch Gaming Keyboard
Connectivity Technology	USB-C Wired
Special Features	8K Hz Polling Rate, Hall Effect Magnetic Switch, Hot-Swappable, Programmable Web Driver, Rapid Trigger & Adjustable Actuation
Polling Rate	8000Hz
Latency	0.125ms
Actuation Range	0.1mm - 3.4mm
Keycap Material	PBT (Dual-shot)
Backlighting	RGB (16.8 Million Colors, South-facing LEDs)
Layout	60% ANSI US (67 keys)
Compatible Devices	Gaming Console, Laptop, PC
Item Weight	1.98 pounds (approx. 0.9 kg)
Package Dimensions	14.02 x 6.54 x 2.17 inches
Power Source	USB Powered
Date First Available	January 16, 2025
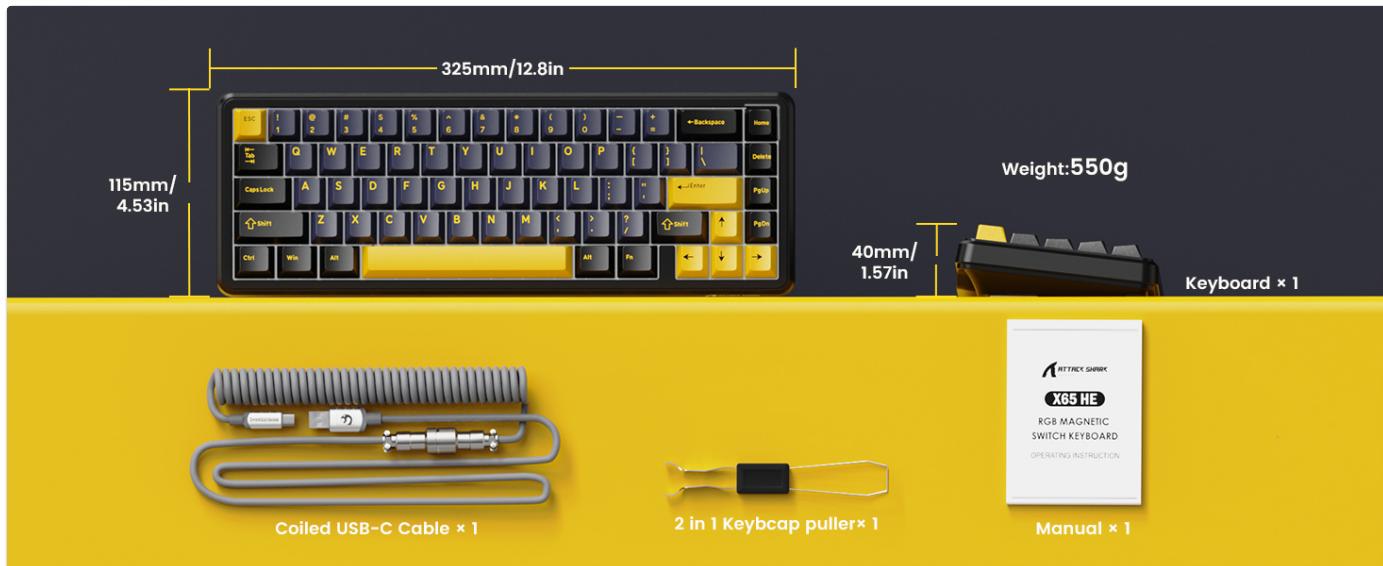
Image: A diagram illustrating the physical dimensions of the X65 HE keyboard (325mm/12.8in length, 115mm/4.53in width, 40mm/1.57in height) and its weight (550g), alongside a visual list of included accessories.

WARRANTY AND SUPPORT

Warranty Information

For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ATTACK SHARK website. Warranty coverage typically includes defects in materials and workmanship under normal use.

Customer Support
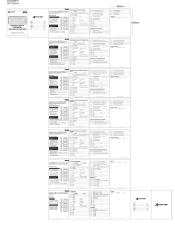
If you encounter any issues or have questions regarding your ATTACK SHARK X65 HE keyboard, please contact ATTACK SHARK customer support through their official website or the retailer where the product was purchased. For more information about ATTACK SHARK products, visit the official store:

Visit ATTACK SHARK Store

Related Documents

[Attack Shark X68 HE Gaming Keyboard User Manual](#)
Comprehensive user manual for the Attack Shark X68 HE gaming keyboard, detailing its features, setup, and customization options including rapid trigger, magnetic switches, and RGB lighting.

	[Attack Shark K85 Mechanical Keyboard User Manual](#) User manual for the Attack Shark K85 mechanical keyboard, detailing its magnetic switches, rapid trigger functionality, adjustable trigger points, and technical specifications.
	[Attack Shark X65 HE RGB Magnetic Switch Keyboard User Manual](#) Comprehensive user manual for the Attack Shark X65 HE RGB Magnetic Switch Keyboard, detailing its features, operation, and specifications.
	[Attack Shark M87 87-Key RGB Mechanical Keyboard User Manual](#) User manual for the Attack Shark M87 mechanical keyboard, featuring an 87-key layout, customizable RGB lighting, and triple mode connectivity (Bluetooth, 2.4G wireless, and wired USB). Learn how to connect, operate, and maximize your keyboard experience.