



# MEMBRANE GAMING KEYBOARD

# TUF GAMING K1

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- Liitä näppäimistö PC-tietokoneeseen.
- Lataa ja asenna Armoury Crate -ohjelmisto osoitteesta [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Päivitä näppäimistösi laiteohjelmisto ohjelmiston ohjeiden mukaisesti.
- Mukauta näppäimistösi Armoury Crate-ohjelmistolla.

- Csatlakoztassa a billentyűzetet a PC-en.
- Töltse le és telepítse az Armoury Crate szoftvert a következő weboldalról: [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Frissítse a billentyűzet firmware-ét a szoftver útmutatása szerint.
- Testreszabhatja a billentyűzetet az Armoury Crate segítségével.

- Koble tastaturet til PC-en.
- Last ned og installer Armoury Crate-programvaren fra [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Følg bruksanvisningen i programvaren for å oppdatere fastvaren til tastaturet.
- Tilpass tastaturet ved hjelp av Armoury Crate.

- Podłącz klawiaturę do komputera.
- Pobierz i zainstaluj oprogramowanie Armoury Crate ze strony [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Wykonaj instrukcje w oprogramowaniu, aby zaktualizować oprogramowanie sprzętowe klawiatury.
- Dostosuj klawiaturę za pomocą oprogramowania Armoury Crate.

- Klávesnicu pripojte k počítaču.
- Z lokality [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download) si prevzmite súbor Armoury Crate (Okovaná debna) a nainštalujte si ho.
- Pri aktualizovaní firmvéru klávesnice postupujte podľa návodu na softvér.
- Klávesnicu si prispôbte podľa aplikácie Armoury Crate (Okovaná debna).

- Anslut ditt tangentbord till datorn.
- Hämta och installera Armoury Crate-programvaran från [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Följ programvaruinstruktionerna för att uppdatera tangentbordets inbyggda programvara.
- Anpassa tangentbordet med Armoury Crate.

- Підключіть клавіатуру до ПК.
- Завантажте і встановіть ПЗ Armoury Crate з [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Виконуйте інструкцію до ПЗ, щоб оновити мікропрограму клавіатури.
- Пристосуйте клавіатуру за допомогою Armoury Crate.

۱. وصل لوحة المفاتيح بالحاسوب الشخصي.
۲. قم بتحميل برنامج Armoury Crate وتنبيته من خلال الرابط [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
۳. اتبع تعليمات البرنامج لتحديث البرنامج الثابت الخاص بلوحة المفاتيح لديك.
۴. خصص لوحة المفاتيح لديك باستخدام برنامج Armoury Crate.

- Conectati tastatura la PC.
- Descărcați și instalați software-ul Armoury Crate de la adresa [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Urmați instrucțiunile software-ului pentru a actualiza firmware-ul tastaturii.
- Particularizați tastatura cu ajutorul software-ului Armoury Crate.

- Forbind dit tastatur til din pc.
- Download og installer programmet Armoury Crate fra [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Følg instruktionerne i programmet, for at opdatere firmvaren til dit tastatur.
- Tilpas dit tastatur ved brug af Armoury Crate.

- Connect your keyboard to the PC.
- Download and install the Armoury Crate software from [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Follow the software instructions to update your keyboard's firmware.
- Customize your keyboard using Armoury Crate.

- Connectez votre clavier à l'ordinateur.
- Téléchargez et installez le logiciel Armoury sur : [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Suivez les instructions du logiciel pour mettre à jour le firmware de votre clavier.
- Personnalisez votre clavier avec Armoury.

- Schließen Sie Ihre Tastatur an den PC an.
- Laden Sie die Armoury Crate Software unter [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Downl](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Downl).
- Befolgen Sie die Anweisungen in der Software, um die Firmware Ihrer Tastatur zu aktualisieren.
- Passen Sie Ihre Tastatur über Armoury Crate an.

- Collegate la tastiera al PC.
- Scaricate e installate il software Armoury Crate dal sito [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Seguite le istruzioni del software per aggiornare il firmware della vostra tastiera.
- Usate Army Crate per personalizzare la vostra tastiera.

- Conecte el teléfono a su PC.
- Descargue e instale el software Armoury Crate desde [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Siga las instrucciones de software para actualizar el firmware del teclado.
- Personalice el teclado mediante Armoury Crate.

- 將鍵盤連接至電腦。
- 下載並安裝 Armoury Crate 軟體，下載地址：[https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download)。
- 依照軟體指示更新鍵盤韌體。
- 透過 Armoury Crate 客製化您的鍵盤。

- 将键盘连接至电脑。
- 下载并安装 Armoury Crate 软件，下载地址：[https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download)。
- 依照软件指示更新键盘固件。
- 通过 Armoury Crate 个性化您的键盘。

- 本製品のUSBケーブルをパソコンに接続します。
- ASUS Web サイトのサポートページからドライバ/ソフトウェアをダウンロードし実行します。  
[https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download)
- 画面の指示に従い、キーボードのファームウェアを更新します。
- Armoury Crate ユーティリティでキーボードの設定をカスタマイズします。

- 키보드를 PC에 연결합니다.
- [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download) 에서 Armoury Crate 소프트웨어를 다운로드하여 설치합니다.
- 소프트웨어 지침에 따라 키보드의 펌웨어를 업데이트합니다.
- Armoury Crate를 사용하여 키보드를 사용자 지정합니다.

- Klavyenizi bilgisayara bağlayın.
- Armoury Crate yazılımını [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download) adresinden indirip yükleyin.
- Klavyenin aygıt yazılımını güncellemek için yazılım yönergelerini izleyin.
- Armoury Crate yazılımını kullanarak klavyenizi özelleştirin.

- Pripojte klávesnici k počítači.
- Stáhněte a nainštalujte software Armoury Crate z webu [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Podle pokynů softwaru zaktualizujte firmware klávesnice.
- Prizpůsobte vaši klávesnici pomocí Armoury Crate.

- Sluit uw toetsenbord aan op de pc.
- Download en installeer de Armoury Crate-software van [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Volg de softwareinstructies voor het bijwerken van de firmware van uw toetsenbord.
- Pas uw toetsenbord aan met Armoury Crate.

- Ligue o teclado ao PC.
- Transfira e instale o software Armoury Crate a partir de [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Siga as instruções do software para atualizar o firmware do teclado.
- Personalize o teclado utilizando o software Armoury Crate.

- Подключите клавиатуру к компьютеру.
- Скачайте и установите программное обеспечение Armoury Crate с [https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk\\_Download](https://www.asus.com/Keyboards-Mice/TUF-Gaming-K1/HelpDesk_Download).
- Следуйте инструкциям для обновления прошивки клавиатуры.
- Настройте клавиатуру с помощью Armoury Crate.

## Key combinations

<b>Media Control</b>	<b>Profile Switch</b>
Fn + F9:   Skip to previous track/chapter	Fn + 1 / 2 / 3 / 4*
Fn + F10:  Play/Pause toggle	<b>• 4 is default</b>
Fn + F11:  Skip to next track/chapter	
Fn + F12:  Mute/Unmute	
<b>Light Effect Switch</b>	<b>Windows Key Lock</b>
Fn + Right or Fn + Left	FN + Windows key
<b>Factory Default</b>	
Fn + Esc (press and hold for 10-15 seconds)	

#### Light Effect Brightness

Fn + Up:       Increase brightness

Fn + Down:    Decrease brightness

#### On The Fly Macro Recording

Step 1: Fn + Left-ALT to start recording

Step 2: Fn + Left-ALT to end recording

Step 3: Assign Macro Key (only F1-F8 keys can be assigned)

#### Profile color and lighting effect mapping list

	Profile 1 (Red)	Profile 2 (Purple)	Profile 3 (Orange)	Default Profile
Static	Red	Purple	Orange	White
Breathing	Red	Purple	Orange	White
Color Cycle	Multi-color (Profile set after reset)	Multi-color	Multi-color	Multi-color
Wave	Multi-color	Multi-color	Multi-color	Multi-color

## Notices


### Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received including interference that may cause undesired operation.

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 manufacturer’s 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 to 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.

	The use of shielded cables for connection of the monitor to the graphics card is required to assure compliance with FCC regulations. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment.
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#### VCCI: Japan Compliance Statement


#### Class B ITE

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

<b>VCCI-B</b>
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#### KC: Korea Warning Statement

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R-R-MSQ-RA04

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<b>Türkçe</b>	AsusTek Computer Inc., bu aygıtın temel gereksinimleri ve ilişkili Yönergelerin diğer ilgili koşullarıyla uyumlu olduğunu beyan eder. AB uygunluk bildiriminin tam metni şu adreste bulunabilir: <a href="http://www.asus.com/support">www.asus.com/support</a>
<b>Bosanski</b>	ASUSTeK Computer Inc. ovim izjavljuje da je ovaj uređaj usklađen sa bitnim zahtjevima i ostalim odgovarajućim odredbama vezanih direktiva. Cijeli tekst EU izjave o usklađenosti dostupan je na: <a href="http://www.asus.com/support">www.asus.com/support</a>

#### Compliance Statement of Innovation, Science and Economic Development Canada (ISED)

This device complies with Innovation, Science and Economic Development Canada licence exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

CAN ICES-3(B)/NMB-3(B)


#### Déclaration de conformité de Innovation, Sciences et Développement économique Canada (ISED)

Le présent appareil est conforme aux CNR d’Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes : (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

CAN ICES-3(B)/NMB-3(B)

#### REACH

Complying with the REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at ASUS REACH website at <http://csr.asus.com/english/REACH.htm>.

	<b>DO NOT</b> throw the keyboard in municipal waste. This product has been designed to enable proper reuse of parts and recycling. This symbol of the crossed out wheeled bin indicates that the product (electrical and electronic equipment) should not be placed in municipal waste. Check local regulations for disposal of electronic products.
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#### ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components as well as the packaging materials. Please go to <http://csr.asus.com/english/Takeback.htm> for detailed recycling information in different regions.

#### Regional notice for California

	<b>WARNING</b>
Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>	

## ASUS contact information

#### ASUSTeK COMPUTER INC.

Address 1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Telephone +886-2-2894-3447
Fax +886-2-2890-7798
Web site [www.asus.com](http://www.asus.com)

#### Technical Support

Telephone +86-21-38429911
Fax +86-21-5866-8722, ext. 9101#
<https://www.asus.com/support/Product/ContactUs/Services/questionform/?lang=en>

#### ASUS COMPUTER INTERNATIONAL (America)

Address 48720 Kato Rd., Fremont, CA 94538, USA
Telephone +1-510-739-3777
Fax +1-510-608-4555
Web site <http://www.asus.com/us/>

#### Technical Support

Support fax +1-812-284-0883
Telephone +1-812-282-2787
<https://www.asus.com/support/Product/ContactUs/Services/questionform/?lang=en-us>

#### ASUS COMPUTER GmbH (Germany and Austria)

Address Harkort Str. 21-23, 40880 Ratingen, Germany
Telephone +49-2102-959931
Web site <http://www.asus.com/de>
<http://eu-rma.asus.com/sales>

#### Technical Support

Telephone +49-2102-5789555
Support Fax +49-2102-959911
<https://www.asus.com/support/Product/ContactUs/Services/questionform/?lang=de-de>

						
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部件名称						
	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板及其电子组件	×	○	○	○	○	○
外壳	○	○	○	○	○	○
外部信号连接头及线材	○	○	○	○	○	○
其它	×	○	○	○	○	○
本表格依据 S.J/T 11364 的规定编制。						
○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。						
×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求，然该部件仍符合欧盟指令 2011/65/EU 的要求。						
备注：此产品所标示之环保使用期限，系指在一般正常使用状况下。						

「產品之限用物質含有情況」之相關資訊，請參考下表：

單元	限用物質及其化學符號					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr <sup>VI</sup> )	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
印刷電路板及電子組件	–	○	○	○	○	○
外殼	○	○	○	○	○	○
按鍵	○	○	○	○	○	○
其他及其配件	○	○	○	○	○	○
備考1. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。						
備考2. “–” 係指該項限用物質為排除項目。						

#### IP56 Water and Dust Resistance

This device complies with a rating of IP56 under IEC standard 60529.

- Please note that splash, water, and dust resistance are not permanent conditions and resistance might decrease as a result of normal wear.
- Do not attempt to plug in a wet keyboard, liquid damage is not covered under the warranty.

## Официальное представительство в России

**Горячая линия Службы технической поддержки в России:**

Бесплатный федеральный номер для звонков по России: 8-800-100-2787

Номер для пользователей в Москве: +7(495)231-1999

Время работы: Пн-Пт, 09:00 - 21:00 (по московскому времени)

**Официальные сайты ASUS в России:**

[www.asus.ru](http://www.asus.ru)

[www.asus.com/ru/support](http://www.asus.com/ru/support)

Данное устройство соответствует требованиям Технического регламента Таможенного Союза ТР ТС 020:2011 Электромагнитная совместимость технических средств утв. решением КТС от 09.12.2011г. №879

<b>Manufacturer</b>	ASUSTeK Computer Inc. <p>Tel: +886-2-2894-3447</p> Address: 1F., No. 15, LIDE RD., BEITOU DIST., TAIPEI CITY 112, TAIWAN
<b>Authorised representative in Europe</b>	ASUSTeK Computer GmbH <p>Address: HARKORT STR. 21-23, 40880 RATINGEN, GERMANY</p>